

DAOU®



TECHNICAL

OUTDOOR LIGHTING - TECHNICAL

**THE COMPANY**

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## THE COMPANY

### SPECIALIZED KNOW-HOW

In-depth, highly specialized technical and design expertise, together with a great passion for the lighting industry and a long-standing tradition of excellence, make DAOU LIGHTING a leading and reliable business partner.

### CERTIFIED QUALITY

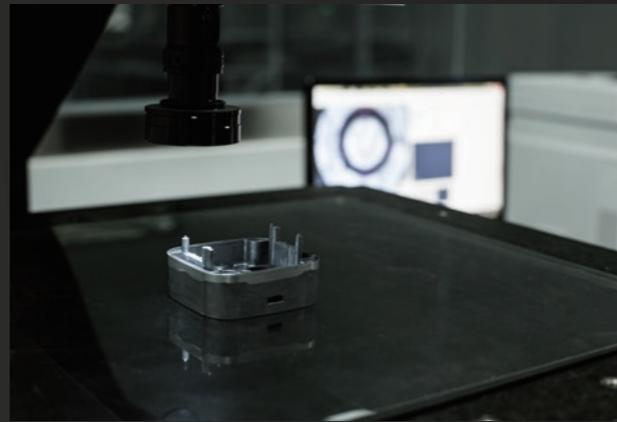
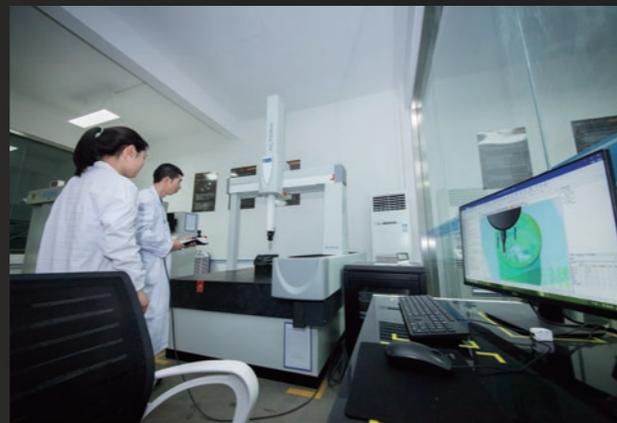
All DAOU LIGHTING products go through with an accurate testing process to verify their compliance with the existing regulations and adherence to the highest standards of quality.

### INNOVATION

In more than 10 years of activity, DAOU LIGHTING has always been capable of renewing and innovating to response to the technological revolutions within the industry and to meet the needs of an ever-changing market, creating new and unique concept and products.

### MANUFACTURING

We understand lighting projects are not transient, but long-term commitments, so we manufacture our products with the highest quality materials and can be proven over time. With our rich experience, our products are able to satisfy technical requirements of any projects.



DAOU LIGHTING is a global-oriented company that specialized in technical LED lighting luminaires and solutions, from more than 10 years now, we have been developing and manufacturing reliable products for partners from all over the world. We are doing our best to exploit the market, and bringing advanced lighting concept to more people.

The development of LEDs is both a major technological evolution and a significant challenge for lighting manufacturers, our research & innovation department is open to constant upgrades and strive to improve the durability and performance of our products. All luminaires are realized using the latest technologies and with cutting-edge components that guarantee reliability and long lasting efficiency.

#### FOCUS ON:

- Use of the latest LED technologies
- Development of luminaires with advanced optic technology
- Bespoke products on request
- Professional lighting design
- One-stop service from innovation to execution

You will find more information about our products and solutions on our website: [www.daould.com](http://www.daould.com)

## TECHNICAL ICONES



Energy efficient class A++



Light source LED



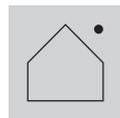
IEC protection class I



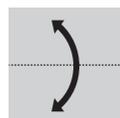
Europe conformity



Photobiological risk RG1



Luminaires for outdoor applications



Tilted on horizontal axis



Warranty 5 years limited



Control ON/OFF



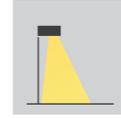
Control 1-10V



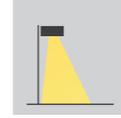
Control DALI



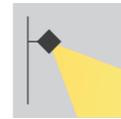
Control Photocell



Post-top street lighting luminaire



Side-entry street lighting luminaire



Surface mounted flood lighting luminaire



Dust-tight and powerful water jet-proof



Protected against impact energy 5 Joule shocks



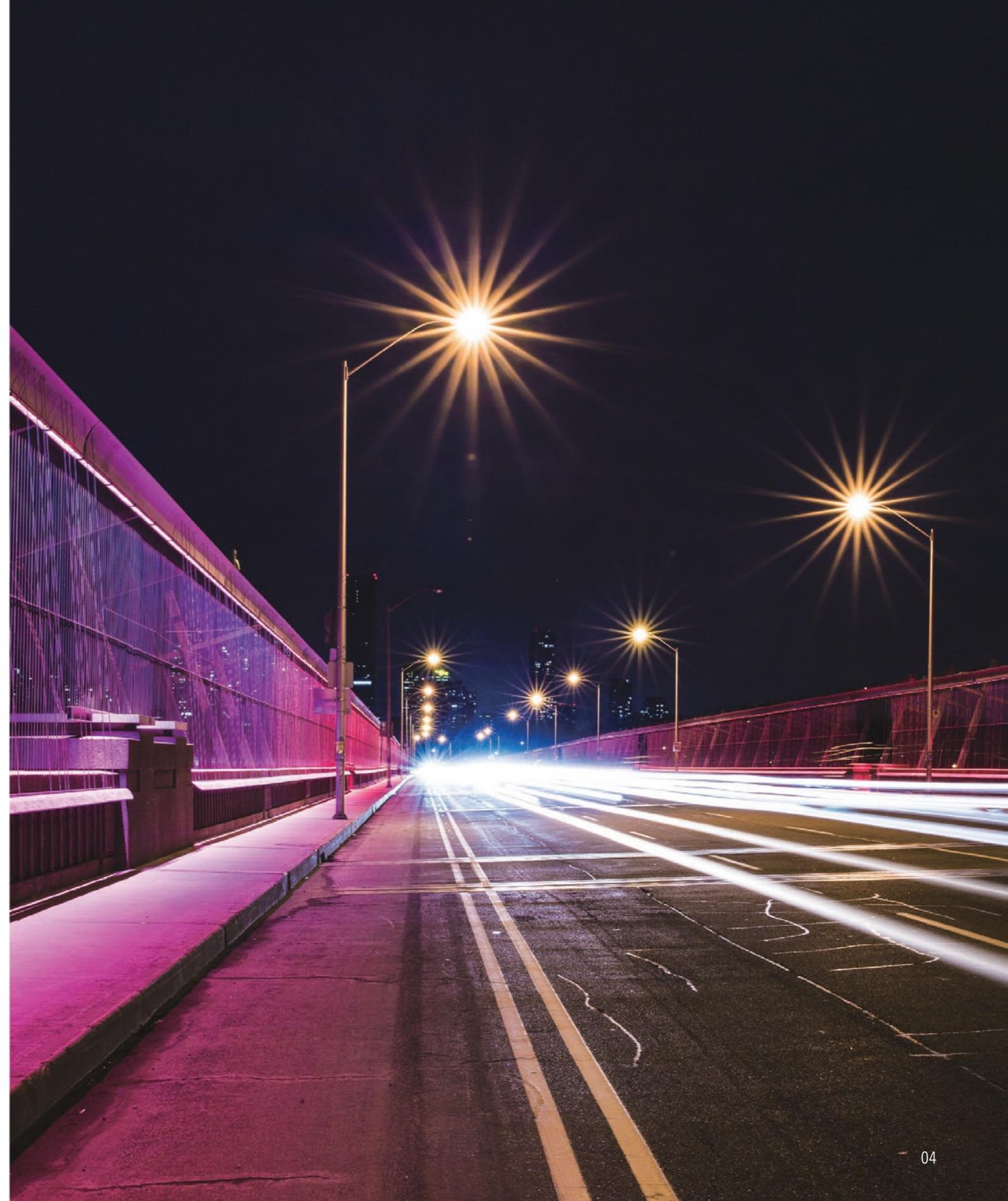
Protected against impact energy 10 Joule shocks



Luminaire body in black



Luminaire body in grey

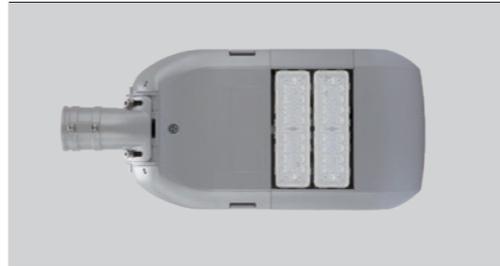




**POLESTAR** →

P. 7

LED LUMINAIRE FOR ROADWAY & PUBLIC AREA LIGHTING  
8300 ... 38500 LM



**DOLPHIN** →

P. 23

LED LUMINAIRE FOR ROADWAY & PUBLIC AREA LIGHTING  
8400 ... 71800 LM



**YUAN** →

P. 47

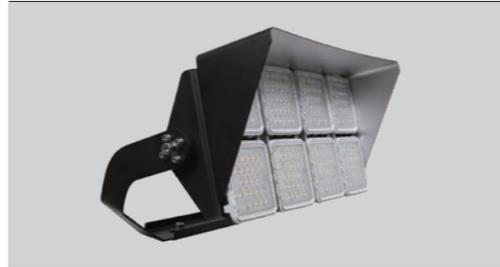
LED LUMINAIRE FOR RESIDENTIAL & PUBLIC AREA LIGHTING  
5500 ... 18200 LM



**FLEXI** →

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LED LUMINAIRE FOR SPORTS & AREA FLOOD LIGHTING  
8600 ... 163200 LM



**ZEUS PRO** →

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LED LUMINAIRE FOR SPORTS & AREA FLOOD LIGHTING  
56400 ... 196000 LM



+ 150 lm/W



# POLESTAR

LED LUMINAIRE FOR ROADWAY & PUBLIC AREA LIGHTING. STREAMLINED BODY WITH EXTREMELY ROBUST MATERIALS AND ADJUSTABLE ADAPTER.

# REFINED TECHNOLOGY

## COVER

The cover is made of tempered glass, it effectively reduces light pollution and makes the clean work easier in maintenance.



## LATCHES

Tool-free access to the electrical compartment thanks to well latches design.

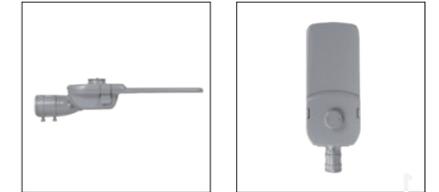


## TILTED ADAPTER

The luminaire features an unique adapter that suitable for poles with Ø40 ... Ø76 mm, tilt function for both side-entry and post-top installations.

## SERIES POLESTAR

LED MODULES	1 ... 4
POWER	60 ... 240
LUMINOUS FLUX	8300 ... 38500



## HOUSING

The luminaire body is made of die-cast aluminum, with powder coated finishing for harsh outdoor environments. Streamlined design significantly lower wind resistance as well as guarantees fresh appearance. Prepared hole on the electrical compartment for optional NEMA socket, photocell and shorting cap.



## BREATHER VALVE

The electrical compartment is equipped with an advanced breather valve for improved waterproof and heat dissipation performance.

## LIGHT SOURCE

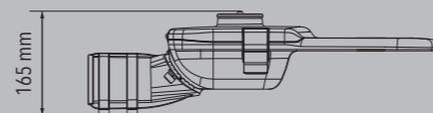
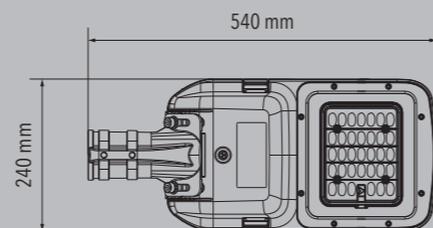
Modular light source with high power LEDs, the LED modules are made of quality polycarbonate lenses and massive aluminum cooling fins, guarantees professional light distributions and thermal management. Available in a wide range of optics improve the necessary flexibility to meet different lighting requirements.



# POLESTAR M1

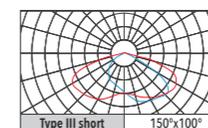
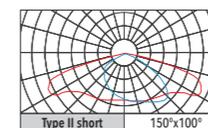
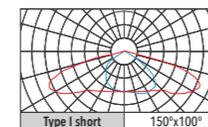


LED LUMINAIRE FOR  
ROADWAY & PUBLIC AREA LIGHTING



## TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Die-cast aluminum
Finishing process	Powder coated
Standard colour	Grey
Mounting type	Side-entry / post-top
Adjustability	90° [ in 5° step ]
Net weight	Approx. 4.5 kg
Protection class	IP66
Cover	Tempered glass
Impact resistance	IK08
PHOTOMETRICAL DATA	
Light source type	1x LED module with 5050 LED
Optic material	Polycarbonate lens
Optic type	Asymmetrical
Light distributions	Type I short Type II short Type III short
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	150 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	Built-in LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	60W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Traffic routes and main access roads, city centers and main streets, urban and residential areas, public areas
Operating temperature	-40°C ... +50 °C
Operating humidity	10% ... 90%
Type of connection	Cable [ 3-pole ]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	No
Optional control	DALI, ON/OFF, Photocell



## PRODUCT CODES



<b>1605W60.T1S.3070.04</b>	34 LED	60W	8300lm	3000K
<b>1605W60.T1S.4070.04</b>	34 LED	60W	8500lm	4000K
<b>1605W60.T1S.5070.04</b>	34 LED	60W	8900lm	5000K
<b>1605W60.T1S.5770.04</b>	34 LED	60W	9200lm	5700K
<b>1605W60.T2S.3070.04</b>	34 LED	60W	8300lm	3000K
<b>1605W60.T2S.4070.04</b>	34 LED	60W	8500lm	4000K
<b>1605W60.T2S.5070.04</b>	34 LED	60W	8900lm	5000K
<b>1605W60.T2S.5770.04</b>	34 LED	60W	9200lm	5700K
<b>1605W60.T3S.3070.04</b>	34 LED	60W	8300lm	3000K
<b>1605W60.T3S.4070.04</b>	34 LED	60W	8500lm	4000K
<b>1605W60.T3S.5070.04</b>	34 LED	60W	8900lm	5000K
<b>1605W60.T3S.5770.04</b>	34 LED	60W	9200lm	5700K

\*The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

Safety class I standard, class II optional

Body colour grey ( 04 ) standard, black ( 03 ) and RAL optional

## STANDARD ACCESSORIES

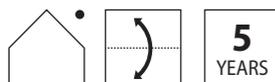
<b>+A50</b>	Adapter for pole Ø40 ... Ø50mm, depth 90mm
<b>+A60</b>	Adapter for pole Ø55 ... Ø65mm, depth 100mm
<b>+A70</b>	Adapter for pole Ø66 ... Ø76mm, depth 100mm

## OPTIONAL ACCESSORIES

<b>+03002</b>	On/off
<b>+03010</b>	DALI dimmable
<b>+00250</b>	Photocell
<b>+00260</b>	Shorting cap
<b>+00313</b>	NEMA 3-PIN [ non-dimmable ]
<b>+00315</b>	NEMA 5-PIN [ 1-10V dimmable ]
<b>+00317</b>	NEMA 7-PIN [ DALI dimmable ]

\*Example of complete code: **1605W60.T1S.3070.04+A50+03002**

## FEATURES



## CONTROL



## COLOURS

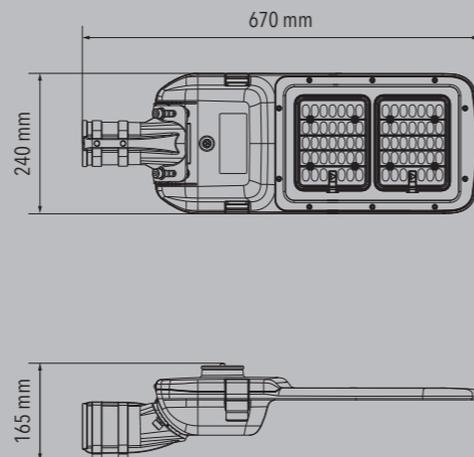




# POLESTAR M2

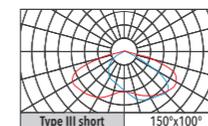
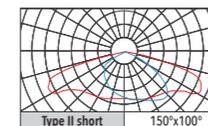
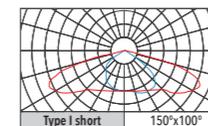


LED LUMINAIRE FOR ROADWAY & PUBLIC AREA LIGHTING

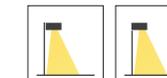


## TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Die-cast aluminum
Finishing process	Powder coated
Standard colour	Grey
Mounting type	Side-entry / post-top
Adjustability	90° [ in 5° step ]
Net weight	Approx. 5.4 kg
Protection class	IP66
Cover	Tempered glass
Impact resistance	IK08
PHOTOMETRICAL DATA	
Light source type	2x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Asymmetrical
Light distributions	Type I short Type II short Type III short
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	150 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	Built-in LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	120W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Traffic routes and main access roads, city centers and main streets, urban and residential areas, public areas
Operating temperature	-40°C ... +50 °C
Operating humidity	10% ... 90%
Type of connection	Cable [ 3-pole ]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	No
Optional control	DALI, ON/OFF, Photocell



## PRODUCT CODES



<b>1605W120.T1S.3070.04</b>	68 LED	120W	16500lm	3000K
<b>1605W120.T1S.4070.04</b>	68 LED	120W	17400lm	4000K
<b>1605W120.T1S.5070.04</b>	68 LED	120W	18300lm	5000K
<b>1605W120.T1S.5770.04</b>	68 LED	120W	19250lm	5700K

<b>1605W120.T2S.3070.04</b>	68 LED	120W	16500lm	3000K
<b>1605W120.T2S.4070.04</b>	68 LED	120W	17400lm	4000K
<b>1605W120.T2S.5070.04</b>	68 LED	120W	18300lm	5000K
<b>1605W120.T2S.5770.04</b>	68 LED	120W	19250lm	5700K

<b>1605W120.T3S.3070.04</b>	68 LED	120W	16500lm	3000K
<b>1605W120.T3S.4070.04</b>	68 LED	120W	17400lm	4000K
<b>1605W120.T3S.5070.04</b>	68 LED	120W	18300lm	5000K
<b>1605W120.T3S.5770.04</b>	68 LED	120W	19250lm	5700K

\*The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

Safety class I standard, class II optional

Body colour grey ( 04 ) standard, black ( 03 ) and RAL optional

## STANDARD ACCESSORIES

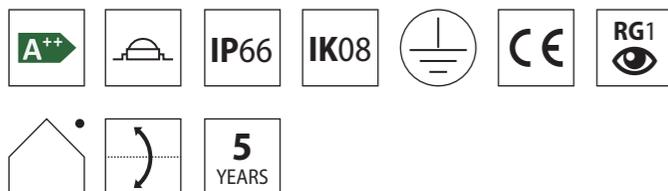
<b>+A50</b>	Adapter for pole Ø40 ... Ø50mm, depth 90mm
<b>+A60</b>	Adapter for pole Ø55 ... Ø65mm, depth 100mm
<b>+A70</b>	Adapter for pole Ø66 ... Ø76mm, depth 100mm

## OPTIONAL ACCESSORIES

<b>+03002</b>	On/off
<b>+03010</b>	DALI dimmable
<b>+00250</b>	Photocell
<b>+00260</b>	Shorting cap
<b>+00313</b>	NEMA 3-PIN [ non-dimmable ]
<b>+00315</b>	NEMA 5-PIN [ 1-10V dimmable ]
<b>+00317</b>	NEMA 7-PIN [ DALI dimmable ]

\* Example of complete code: **1605W120.T1S.3070.04+A50+03002**

## FEATURES



## CONTROL



## COLOURS



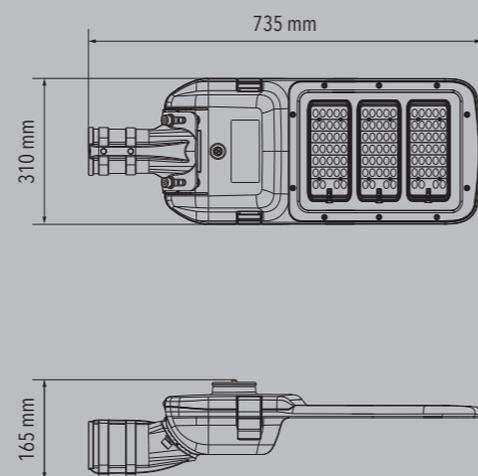




# POLESTAR M3

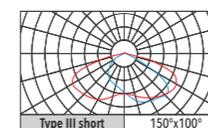
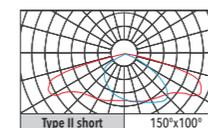
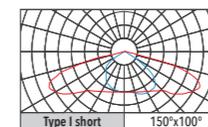


LED LUMINAIRE FOR  
ROADWAY & PUBLIC AREA LIGHTING



## TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Die-cast aluminum
Finishing process	Powder coated
Standard colour	Grey
Mounting type	Side-entry / post-top
Adjustability	90° [ in 5° step ]
Net weight	Approx. 7.1 kg
Protection class	IP66
Cover	Tempered glass
Impact resistance	IK08
PHOTOMETRICAL DATA	
Light source type	3x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Asymmetrical
Light distributions	Type I short Type II short Type III short
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	150 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	Built-in LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	180W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Traffic routes and main access roads, city centers and main streets, urban and residential areas, public areas
Operating temperature	-40°C ... +50 °C
Operating humidity	10% ... 90%
Type of connection	Cable [ 3-pole ]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	No
Optional control	DALI, ON/OFF, Photocell



## PRODUCT CODES



<b>1605W180.T1S.3070.04</b>	102 LED	180W	24800lm	3000K
<b>1605W180.T1S.4070.04</b>	102 LED	180W	26100lm	4000K
<b>1605W180.T1S.5070.04</b>	102 LED	180W	27500lm	5000K
<b>1605W180.T1S.5770.04</b>	102 LED	180W	28900lm	5700K

<b>1605W180.T2S.3070.04</b>	102 LED	180W	24800lm	3000K
<b>1605W180.T2S.4070.04</b>	102 LED	180W	26100lm	4000K
<b>1605W180.T2S.5070.04</b>	102 LED	180W	27500lm	5000K
<b>1605W180.T2S.5770.04</b>	102 LED	180W	28900lm	5700K

<b>1605W180.T3S.3070.04</b>	102 LED	180W	24800lm	3000K
<b>1605W180.T3S.4070.04</b>	102 LED	180W	26100lm	4000K
<b>1605W180.T3S.5070.04</b>	102 LED	180W	27500lm	5000K
<b>1605W180.T3S.5770.04</b>	102 LED	180W	28900lm	5700K

\*The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

Safety class I standard, class II optional

Body colour grey ( 04 ) standard, black ( 03 ) and RAL optional

## STANDARD ACCESSORIES

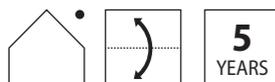
<b>+A50</b>	Adapter for pole Ø40 ... Ø50mm, depth 90mm
<b>+A60</b>	Adapter for pole Ø55 ... Ø65mm, depth 100mm
<b>+A70</b>	Adapter for pole Ø66 ... Ø76mm, depth 100mm

## OPTIONAL ACCESSORIES

<b>+03002</b>	On/off
<b>+03010</b>	DALI dimmable
<b>+00250</b>	Photocell
<b>+00260</b>	Shorting cap
<b>+00313</b>	NEMA 3-PIN [ non-dimmable ]
<b>+00315</b>	NEMA 5-PIN [ 1-10V dimmable ]
<b>+00317</b>	NEMA 7-PIN [ DALI dimmable ]

\* Example of complete code: **1605W180.T1S.3070.04+A50+03002**

## FEATURES



## CONTROL



## COLOURS

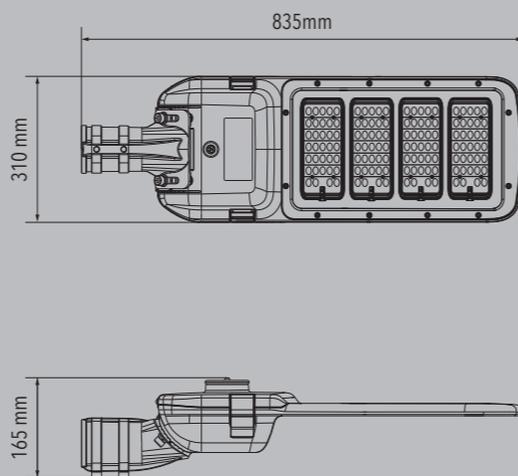




# POLESTAR M4

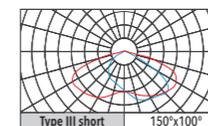
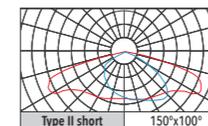
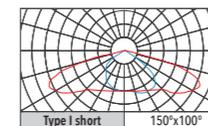


LED LUMINAIRE FOR  
ROADWAY & PUBLIC AREA LIGHTING



## TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Die-cast aluminum
Finishing process	Powder coated
Standard colour	Grey
Mounting type	Side-entry / post-top
Adjustability	90° [ in 5° step ]
Net weight	Approx. 8.2 kg
Protection class	IP66
Cover	Tempered glass
Impact resistance	IK08
PHOTOMETRICAL DATA	
Light source type	4x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Asymmetrical
Light distributions	Type I short Type II short Type III short
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	150 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	Built-in LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	240W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Traffic routes and main access roads, city centers and main streets, urban and residential areas, public areas
Operating temperature	-40°C ... +50 °C
Operating humidity	10% ... 90%
Type of connection	Cable [ 3-pole ]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	No
Optional control	DALI, ON/OFF, Photocell



## PRODUCT CODES



<b>1605W240.T1S.3070.04</b>	136 LED	240W	33100lm	3000K
<b>1605W240.T1S.4070.04</b>	136 LED	240W	34800lm	4000K
<b>1605W240.T1S.5070.04</b>	136 LED	240W	36700lm	5000K
<b>1605W240.T1S.5770.04</b>	136 LED	240W	38500lm	5700K
<b>1605W240.T2S.3070.04</b>	136 LED	240W	33100lm	3000K
<b>1605W240.T2S.4070.04</b>	136 LED	240W	34800lm	4000K
<b>1605W240.T2S.5070.04</b>	136 LED	240W	36700lm	5000K
<b>1605W240.T2S.5770.04</b>	136 LED	240W	38500lm	5700K
<b>1605W240.T3S.3070.04</b>	136 LED	240W	33100lm	3000K
<b>1605W240.T3S.4070.04</b>	136 LED	240W	34800lm	4000K
<b>1605W240.T3S.5070.04</b>	136 LED	240W	36700lm	5000K
<b>1605W240.T3S.5770.04</b>	136 LED	240W	38500lm	5700K

\*The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

Safety class I standard, class II optional

Body colour grey ( 04 ) standard, black ( 03 ) and RAL optional

## STANDARD ACCESSORIES

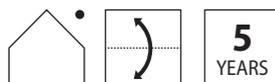
<b>+A50</b>	Adapter for pole Ø40 ... Ø50mm, depth 90mm
<b>+A60</b>	Adapter for pole Ø55 ... Ø65mm, depth 100mm
<b>+A70</b>	Adapter for pole Ø66 ... Ø76mm, depth 100mm

## OPTIONAL ACCESSORIES

<b>+03002</b>	On/off
<b>+03010</b>	DALI dimmable
<b>+00250</b>	Photocell
<b>+00260</b>	Shorting cap
<b>+00313</b>	NEMA 3-PIN [ non-dimmable ]
<b>+00315</b>	NEMA 5-PIN [ 1-10V dimmable ]
<b>+00317</b>	NEMA 7-PIN [ DALI dimmable ]

\* Example of complete code: **1605W240.T1S.3070.04+A50+03002**

## FEATURES



## CONTROL



## COLOURS







+ 160 lm/W



# DOLPHIN

LED LUMINAIRE FOR ROADWAY & PUBLIC AREA LIGHTING. AVAILABLE IN A WIDE RANGE OF LUMINOUS FLUX AND OPTICS.

# RELIABLE FLEXIBILITY



## LIGHT SOURCE

Modular light source with high power LEDs, the LED modules are made of quality polycarbonate lenses and massive aluminum cooling fins, guarantees professional light distributions and thermal management. Tool-less replaceable modules, quick and easy to onsite maintain. Available in a wide range of optics improve the necessary flexibility to meet different lighting requirements.

## CONNECTOR

Swivel waterproof connector makes it convenient to change LED modules.



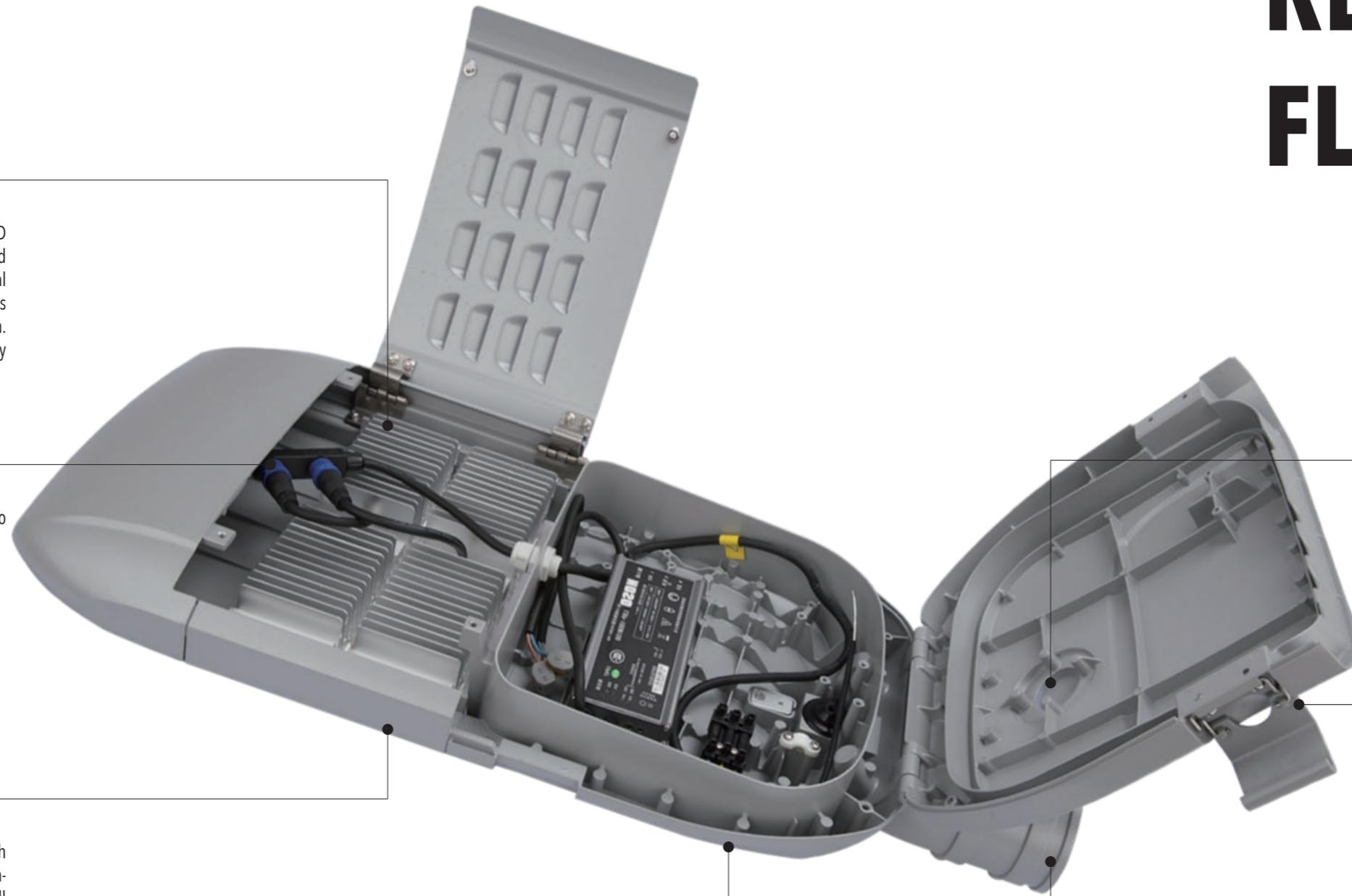
## HOUSING

The luminaire body is made of die-cast aluminum, with powder coated finishing for harsh outdoor environments. Mellow design makes the luminaire perform well with self-cleaning. The electrical compartment is equipped with a breather valve for improved waterproof and heat dissipation performance.



## BREATHER VALVE

The electrical compartment is equipped with an advanced breather valve for improved waterproof and heat dissipation performance.



## EXTENSION FUNCTIONS

The luminaire has a prepared hole on the electrical compartment for optional NEMA socket, photocell and shorting cap.

## LATCHES

Tool-free access to the electrical compartment thanks to well latches design.



## TILTED ADAPTER

The luminaire features a unique adapter that suitable for poles with  $\varnothing 40 \dots \varnothing 76$  mm, tilt function for both side-entry and post-top installations.

## SERIES DOLPHIN

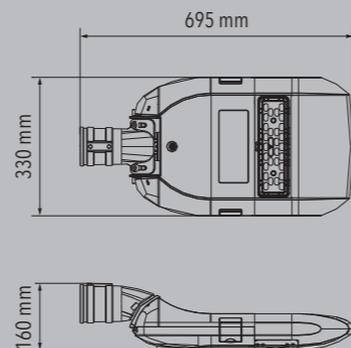
LED MODULES	1 ... 7
POWER	60 ... 420
LUMINOUS FLUX	8400 ... 71800



# DOLPHIN M1

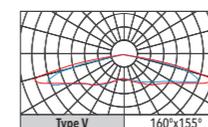
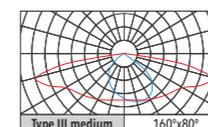
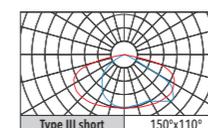
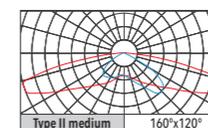
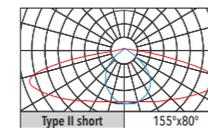
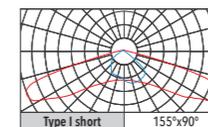


LED LUMINAIRE FOR  
ROADWAY & PUBLIC AREA LIGHTING



## TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Die-cast aluminum
Finishing process	Powder coated
Standard colour	Grey
Mounting type	Side-entry / post-top
Adjustability	90° [ in 5° step ]
Net weight	Approx. 7.2 kg
Protection class	IP66
Cover	Tempered glass
Impact resistance	IK09
PHOTOMETRICAL DATA	
Light source type	1x LED module with 5050 LED
Optic material	Polycarbonate lens
Optic type	Asymmetrical / symmetrical
Light distributions	Type I short / Type II short Type II medium / Type III short Type III medium / Type V
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	160 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	Built-in LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	60W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Traffic routes and main access roads, city centers and main streets, highways, urban and residential areas, public areas
Operating temperature	-40°C ... +50 °C
Operating humidity	10% ... 90%
Type of connection	Cable [ 3-pole ]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF, Photocell



## PRODUCT CODES



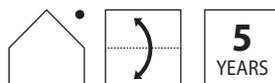
<b>1606W60.T1S.3070.04</b>	28 LED	60W	8400lm	3000K
<b>1606W60.T1S.4070.04</b>	28 LED	60W	8800lm	4000K
<b>1606W60.T1S.5070.04</b>	28 LED	60W	9300lm	5000K
<b>1606W60.T1S.5770.04</b>	28 LED	60W	9800lm	5700K
<b>1606W60.T2S.3070.04</b>	28 LED	60W	8400lm	3000K
<b>1606W60.T2S.4070.04</b>	28 LED	60W	8800lm	4000K
<b>1606W60.T2S.5070.04</b>	28 LED	60W	9300lm	5000K
<b>1606W60.T2S.5770.04</b>	28 LED	60W	9800lm	5700K
<b>1606W60.T2M.3070.04</b>	28 LED	60W	8400lm	3000K
<b>1606W60.T2M.4070.04</b>	28 LED	60W	8800lm	4000K
<b>1606W60.T2M.5070.04</b>	28 LED	60W	9300lm	5000K
<b>1606W60.T2M.5770.04</b>	28 LED	60W	9800lm	5700K
<b>1606W60.T3S.3070.04</b>	28 LED	60W	8400lm	3000K
<b>1606W60.T3S.4070.04</b>	28 LED	60W	8800lm	4000K
<b>1606W60.T3S.5070.04</b>	28 LED	60W	9300lm	5000K
<b>1606W60.T3S.5770.04</b>	28 LED	60W	9800lm	5700K
<b>1606W60.T3M.3070.04</b>	28 LED	60W	8400lm	3000K
<b>1606W60.T3M.4070.04</b>	28 LED	60W	8800lm	4000K
<b>1606W60.T3M.5070.04</b>	28 LED	60W	9300lm	5000K
<b>1606W60.T3M.5770.04</b>	28 LED	60W	9800lm	5700K
<b>1606W60.T5.3070.04</b>	28 LED	60W	8400lm	3000K
<b>1606W60.T5.4070.04</b>	28 LED	60W	8800lm	4000K
<b>1606W60.T5.5070.04</b>	28 LED	60W	9300lm	5000K
<b>1606W60.T5.5770.04</b>	28 LED	60W	9800lm	5700K

\* The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

Safety class I standard, class II optional

Body colour grey ( 04 ) standard, black ( 03 ) and RAL optional

## FEATURES



## CONTROL



## COLOURS



## OPTIONAL ACCESSORIES

<b>+03002</b>	On/off
<b>+03010</b>	DALI dimmable
<b>+00250</b>	Photocell
<b>+00260</b>	Shorting cap
<b>+00313</b>	NEMA 3-PIN [ non-dimmable ]
<b>+00315</b>	NEMA 5-PIN [ 1-10V dimmable ]
<b>+00317</b>	NEMA 7-PIN [ DALI dimmable ]



## STANDARD ACCESSORIES

<b>+A50</b>	Adapter for pole Ø40 ... Ø50mm, depth 90mm
<b>+A60</b>	Adapter for pole Ø55 ... Ø65mm, depth 100mm
<b>+A70</b>	Adapter for pole Ø66 ... Ø76mm, depth 100mm

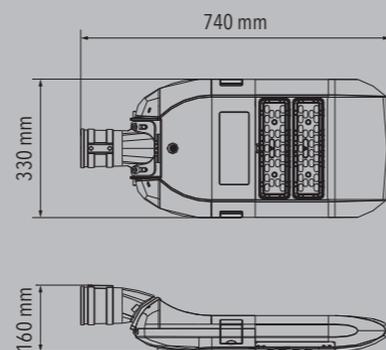
\* Example of complete code: **1606W60.T1S.3070.04+A50+03002**



# DOLPHIN M2

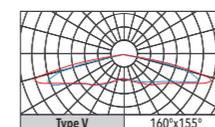
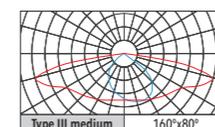
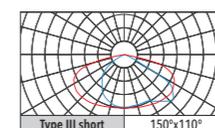
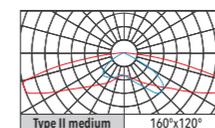
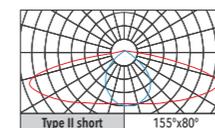
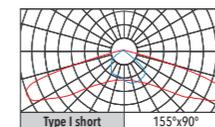


LED LUMINAIRE FOR  
ROADWAY & PUBLIC AREA LIGHTING



## TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Die-cast aluminum
Finishing process	Powder coated
Standard colour	Grey
Mounting type	Side-entry / post-top
Adjustability	90° [ in 5° step ]
Net weight	Approx. 8.4 kg
Protection class	IP66
Cover	Tempered glass
Impact resistance	IK09
PHOTOMETRICAL DATA	
Light source type	2x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Asymmetrical / symmetrical
Light distributions	Type I short / Type II short Type II medium / Type III short Type III medium / Type V
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	160 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	Built-in LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	120W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Traffic routes and main access roads, city centers and main streets, highways, urban and residential areas, public areas
Operating temperature	-40°C ... +50 °C
Operating humidity	10% ... 90%
Type of connection	Cable [ 3-pole ]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF, Photocell



## PRODUCT CODES



<b>1606W120.T1S.3070.04</b>	56 LED	120W	17600lm	3000K
<b>1606W120.T1S.4070.04</b>	56 LED	120W	18600lm	4000K
<b>1606W120.T1S.5070.04</b>	56 LED	120W	19500lm	5000K
<b>1606W120.T1S.5770.04</b>	56 LED	120W	20500lm	5700K

<b>1606W120.T2S.3070.04</b>	56 LED	120W	17600lm	3000K
<b>1606W120.T2S.4070.04</b>	56 LED	120W	18600lm	4000K
<b>1606W120.T2S.5070.04</b>	56 LED	120W	19500lm	5000K
<b>1606W120.T2S.5770.04</b>	56 LED	120W	20500lm	5700K

<b>1606W120.T2M.3070.04</b>	56 LED	120W	17600lm	3000K
<b>1606W120.T2M.4070.04</b>	56 LED	120W	18600lm	4000K
<b>1606W120.T2M.5070.04</b>	56 LED	120W	19500lm	5000K
<b>1606W120.T2M.5770.04</b>	56 LED	120W	20500lm	5700K

<b>1606W120.T3S.3070.04</b>	56 LED	120W	17600lm	3000K
<b>1606W120.T3S.4070.04</b>	56 LED	120W	18600lm	4000K
<b>1606W120.T3S.5070.04</b>	56 LED	120W	19500lm	5000K
<b>1606W120.T3S.5770.04</b>	56 LED	120W	20500lm	5700K

<b>1606W120.T3M.3070.04</b>	56 LED	120W	17600lm	3000K
<b>1606W120.T3M.4070.04</b>	56 LED	120W	18600lm	4000K
<b>1606W120.T3M.5070.04</b>	56 LED	120W	19500lm	5000K
<b>1606W120.T3M.5770.04</b>	56 LED	120W	20500lm	5700K

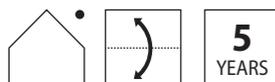
<b>1606W120.T5.3070.04</b>	56 LED	120W	17600lm	3000K
<b>1606W120.T5.4070.04</b>	56 LED	120W	18600lm	4000K
<b>1606W120.T5.5070.04</b>	56 LED	120W	19500lm	5000K
<b>1606W120.T5.5770.04</b>	56 LED	120W	20500lm	5700K

\* The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

Safety class I standard, class II optional

Body colour grey ( 04 ) standard, black ( 03 ) and RAL optional

## FEATURES



## CONTROL



## COLOURS



## OPTIONAL ACCESSORIES

<b>+03002</b>	On/off
<b>+03010</b>	DALI dimmable
<b>+00250</b>	Photocell
<b>+00260</b>	Shorting cap
<b>+00313</b>	NEMA 3-PIN [ non-dimmable ]
<b>+00315</b>	NEMA 5-PIN [ 1-10V dimmable ]
<b>+00317</b>	NEMA 7-PIN [ DALI dimmable ]



## STANDARD ACCESSORIES

<b>+A50</b>	Adapter for pole Ø40 ... Ø50mm, depth 90mm
<b>+A60</b>	Adapter for pole Ø55 ... Ø65mm, depth 100mm
<b>+A70</b>	Adapter for pole Ø66 ... Ø76mm, depth 100mm

\* Example of complete code: **1606W120.T1S.3070.04+A50+03002**

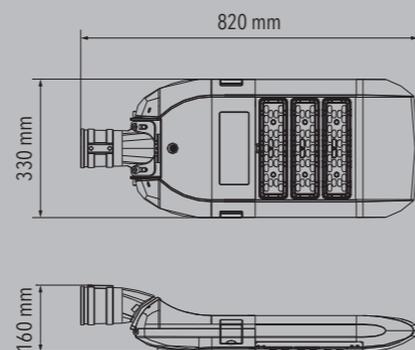




# DOLPHIN M3

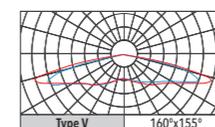
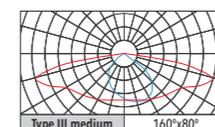
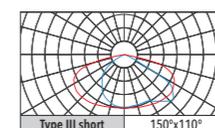
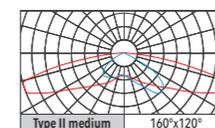
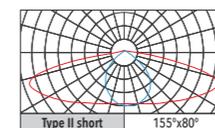
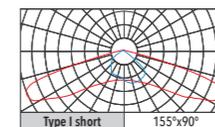


LED LUMINAIRE FOR ROADWAY & PUBLIC AREA LIGHTING



## TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Die-cast aluminum
Finishing process	Powder coated
Standard colour	Grey
Mounting type	Side-entry / post-top
Adjustability	90° [ in 5° step ]
Net weight	Approx. 9.6 kg
Protection class	IP66
Cover	Tempered glass
Impact resistance	IK09
PHOTOMETRICAL DATA	
Light source type	3x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Asymmetrical / symmetrical
Light distributions	Type I short / Type II short Type II medium / Type III short Type III medium / Type V
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	160 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	Built-in LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	180W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Traffic routes and main access roads, city centers and main streets, highways, urban and residential areas, public areas
Operating temperature	-40°C ... +50 °C
Operating humidity	10% ... 90%
Type of connection	Cable [ 3-pole ]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF, Photocell



## PRODUCT CODES



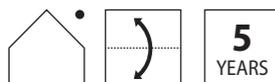
<b>1606W180.T1S.3070.04</b>	84 LED	180W	26400lm	3000K
<b>1606W180.T1S.4070.04</b>	84 LED	180W	27800lm	4000K
<b>1606W180.T1S.5070.04</b>	84 LED	180W	29300lm	5000K
<b>1606W180.T1S.5770.04</b>	84 LED	180W	30800lm	5700K
<b>1606W180.T2S.3070.04</b>	84 LED	180W	26400lm	3000K
<b>1606W180.T2S.4070.04</b>	84 LED	180W	27800lm	4000K
<b>1606W180.T2S.5070.04</b>	84 LED	180W	29300lm	5000K
<b>1606W180.T2S.5770.04</b>	84 LED	180W	30800lm	5700K
<b>1606W180.T2M.3070.04</b>	84 LED	180W	26400lm	3000K
<b>1606W180.T2M.4070.04</b>	84 LED	180W	27800lm	4000K
<b>1606W180.T2M.5070.04</b>	84 LED	180W	29300lm	5000K
<b>1606W180.T2M.5770.04</b>	84 LED	180W	30800lm	5700K
<b>1606W180.T3S.3070.04</b>	84 LED	180W	26400lm	3000K
<b>1606W180.T3S.4070.04</b>	84 LED	180W	27800lm	4000K
<b>1606W180.T3S.5070.04</b>	84 LED	180W	29300lm	5000K
<b>1606W180.T3S.5770.04</b>	84 LED	180W	30800lm	5700K
<b>1606W180.T3M.3070.04</b>	84 LED	180W	26400lm	3000K
<b>1606W180.T3M.4070.04</b>	84 LED	180W	27800lm	4000K
<b>1606W180.T3M.5070.04</b>	84 LED	180W	29300lm	5000K
<b>1606W180.T3M.5770.04</b>	84 LED	180W	30800lm	5700K
<b>1606W180.T5.3070.04</b>	84 LED	180W	26400lm	3000K
<b>1606W180.T5.4070.04</b>	84 LED	180W	27800lm	4000K
<b>1606W180.T5.5070.04</b>	84 LED	180W	29300lm	5000K
<b>1606W180.T5.5770.04</b>	84 LED	180W	30800lm	5700K

\* The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

Safety class I standard, class II optional

Body colour grey ( 04 ) standard, black ( 03 ) and RAL optional

## FEATURES



## CONTROL



## COLOURS



## OPTIONAL ACCESSORIES

<b>+03002</b>	On/off
<b>+03010</b>	DALI dimmable
<b>+00250</b>	Photocell
<b>+00260</b>	Shorting cap
<b>+00313</b>	NEMA 3-PIN [ non-dimmable ]
<b>+00315</b>	NEMA 5-PIN [ 1-10V dimmable ]
<b>+00317</b>	NEMA 7-PIN [ DALI dimmable ]



## STANDARD ACCESSORIES

<b>+A50</b>	Adapter for pole Ø40 ... Ø50mm, depth 90mm
<b>+A60</b>	Adapter for pole Ø55 ... Ø65mm, depth 100mm
<b>+A70</b>	Adapter for pole Ø66 ... Ø76mm, depth 100mm

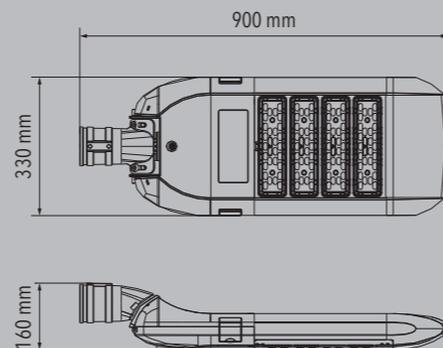
\* Example of complete code: **1606W180.T1S.3070.04+A50+03002**



# DOLPHIN M4

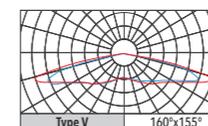
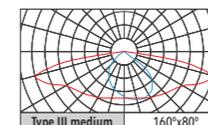
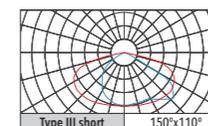
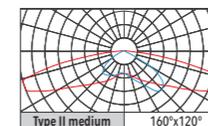
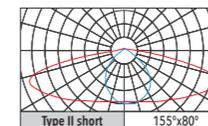
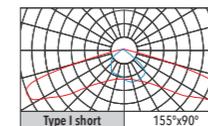


LED LUMINAIRE FOR  
ROADWAY & PUBLIC AREA LIGHTING



## TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Die-cast aluminum
Finishing process	Powder coated
Standard colour	Grey
Mounting type	Side-entry / post-top
Adjustability	90° [ in 5° step ]
Net weight	Approx. 10.8 kg
Protection class	IP66
Cover	Tempered glass
Impact resistance	IK09
PHOTOMETRICAL DATA	
Light source type	4x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Asymmetrical / symmetrical
Light distributions	Type I short / Type II short Type II medium / Type III short Type III medium / Type V
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	160 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	Built-in LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	240W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Traffic routes and main access roads, city centers and main streets, highways, urban and residential areas, public areas
Operating temperature	-40°C ... +50 °C
Operating humidity	10% ... 90%
Type of connection	Cable [ 3-pole ]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF, Photocell



## PRODUCT CODES



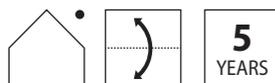
<b>1606W240.T1S.3070.04</b>	112 LED	240W	35300lm	3000K
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<b>1606W240.T1S.5070.04</b>	112 LED	240W	39100lm	5000K
<b>1606W240.T1S.5770.04</b>	112 LED	240W	41000lm	5700K
<b>1606W240.T2S.3070.04</b>	112 LED	240W	35300lm	3000K
<b>1606W240.T2S.4070.04</b>	112 LED	240W	37000lm	4000K
<b>1606W240.T2S.5070.04</b>	112 LED	240W	39100lm	5000K
<b>1606W240.T2S.5770.04</b>	112 LED	240W	41000lm	5700K
<b>1606W240.T2M.3070.04</b>	112 LED	240W	35300lm	3000K
<b>1606W240.T2M.4070.04</b>	112 LED	240W	37000lm	4000K
<b>1606W240.T2M.5070.04</b>	112 LED	240W	39100lm	5000K
<b>1606W240.T2M.5770.04</b>	112 LED	240W	41000lm	5700K
<b>1606W240.T3S.3070.04</b>	112 LED	240W	35300lm	3000K
<b>1606W240.T3S.4070.04</b>	112 LED	240W	37000lm	4000K
<b>1606W240.T3S.5070.04</b>	112 LED	240W	39100lm	5000K
<b>1606W240.T3S.5770.04</b>	112 LED	240W	41000lm	5700K
<b>1606W240.T3M.3070.04</b>	112 LED	240W	35300lm	3000K
<b>1606W240.T3M.4070.04</b>	112 LED	240W	37000lm	4000K
<b>1606W240.T3M.5070.04</b>	112 LED	240W	39100lm	5000K
<b>1606W240.T3M.5770.04</b>	112 LED	240W	41000lm	5700K
<b>1606W240.T5.3070.04</b>	112 LED	240W	35300lm	3000K
<b>1606W240.T5.4070.04</b>	112 LED	240W	37000lm	4000K
<b>1606W240.T5.5070.04</b>	112 LED	240W	39100lm	5000K
<b>1606W240.T5.5770.04</b>	112 LED	240W	41000lm	5700K

\* The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

Safety class I standard, class II optional

Body colour grey ( 04 ) standard, black ( 03 ) and RAL optional

## FEATURES



## CONTROL



## COLOURS



## OPTIONAL ACCESSORIES

<b>+03002</b>	On/off
<b>+03010</b>	DALI dimmable
<b>+00250</b>	Photocell
<b>+00260</b>	Shorting cap
<b>+00313</b>	NEMA 3-PIN [ non-dimmable ]
<b>+00315</b>	NEMA 5-PIN [ 1-10V dimmable ]
<b>+00317</b>	NEMA 7-PIN [ DALI dimmable ]



## STANDARD ACCESSORIES

<b>+A50</b>	Adapter for pole Ø40 ... Ø50mm, depth 90mm
<b>+A60</b>	Adapter for pole Ø55 ... Ø65mm, depth 100mm
<b>+A70</b>	Adapter for pole Ø66 ... Ø76mm, depth 100mm

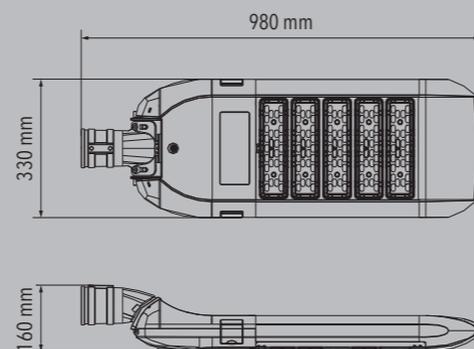
\* Example of complete code: **1606W240.T1S.3070.04+A50+03002**



# DOLPHIN M5

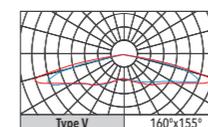
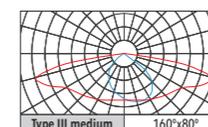
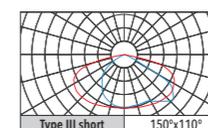
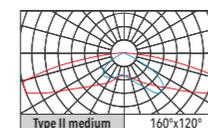
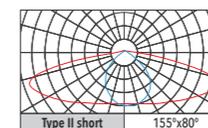
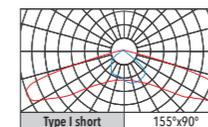


LED LUMINAIRE FOR  
ROADWAY & PUBLIC AREA LIGHTING



## TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Die-cast aluminum
Finishing process	Powder coated
Standard colour	Grey
Mounting type	Side-entry / post-top
Adjustability	90° [ in 5° step ]
Net weight	Approx. 12.0 kg
Protection class	IP66
Cover	Tempered glass
Impact resistance	IK09
PHOTOMETRICAL DATA	
Light source type	5x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Asymmetrical / symmetrical
Light distributions	Type I short / Type II short Type II medium / Type III short Type III medium / Type V
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	160 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	Built-in LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	300W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Traffic routes and main access roads, city centers and main streets, highways, urban and residential areas, public areas
Operating temperature	-40°C ... +50 °C
Operating humidity	10% ... 90%
Type of connection	Cable [ 3-pole ]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF, Photocell



## PRODUCT CODES



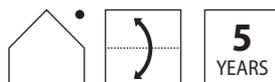
<b>1606W300.T1S.3070.04</b>	140 LED	300W	44100lm	3000K
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<b>1606W300.T1S.5070.04</b>	140 LED	300W	48900lm	5000K
<b>1606W300.T1S.5770.04</b>	140 LED	300W	51300lm	5700K
<b>1606W300.T2S.3070.04</b>	140 LED	300W	44100lm	3000K
<b>1606W300.T2S.4070.04</b>	140 LED	300W	46400lm	4000K
<b>1606W300.T2S.5070.04</b>	140 LED	300W	48900lm	5000K
<b>1606W300.T2S.5770.04</b>	140 LED	300W	51300lm	5700K
<b>1606W300.T2M.3070.04</b>	140 LED	300W	44100lm	3000K
<b>1606W300.T2M.4070.04</b>	140 LED	300W	46400lm	4000K
<b>1606W300.T2M.5070.04</b>	140 LED	300W	48900lm	5000K
<b>1606W300.T2M.5770.04</b>	140 LED	300W	51300lm	5700K
<b>1606W300.T3S.3070.04</b>	140 LED	300W	44100lm	3000K
<b>1606W300.T3S.4070.04</b>	140 LED	300W	46400lm	4000K
<b>1606W300.T3S.5070.04</b>	140 LED	300W	48900lm	5000K
<b>1606W300.T3S.5770.04</b>	140 LED	300W	51300lm	5700K
<b>1606W300.T3M.3070.04</b>	140 LED	300W	44100lm	3000K
<b>1606W300.T3M.4070.04</b>	140 LED	300W	46400lm	4000K
<b>1606W300.T3M.5070.04</b>	140 LED	300W	48900lm	5000K
<b>1606W300.T3M.5770.04</b>	140 LED	300W	51300lm	5700K
<b>1606W300.T5.3070.04</b>	140 LED	300W	44100lm	3000K
<b>1606W300.T5.4070.04</b>	140 LED	300W	46400lm	4000K
<b>1606W300.T5.5070.04</b>	140 LED	300W	48900lm	5000K
<b>1606W300.T5.5770.04</b>	140 LED	300W	51300lm	5700K

\*The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

Safety class I standard, class II optional

Body colour grey ( 04 ) standard, black ( 03 ) and RAL optional

## FEATURES



## CONTROL



## COLOURS



## OPTIONAL ACCESSORIES

<b>+03002</b>	On/off
<b>+03010</b>	DALI dimmable
<b>+00250</b>	Photocell
<b>+00260</b>	Shorting cap
<b>+00313</b>	NEMA 3-PIN [ non-dimmable ]
<b>+00315</b>	NEMA 5-PIN [ 1-10V dimmable ]
<b>+00317</b>	NEMA 7-PIN [ DALI dimmable ]



## STANDARD ACCESSORIES

<b>+A50</b>	Adapter for pole Ø40 ... Ø50mm, depth 90mm
<b>+A60</b>	Adapter for pole Ø55 ... Ø65mm, depth 100mm
<b>+A70</b>	Adapter for pole Ø66 ... Ø76mm, depth 100mm

\*Example of complete code: **1606W300.T1S.3070.04+A50+03002**

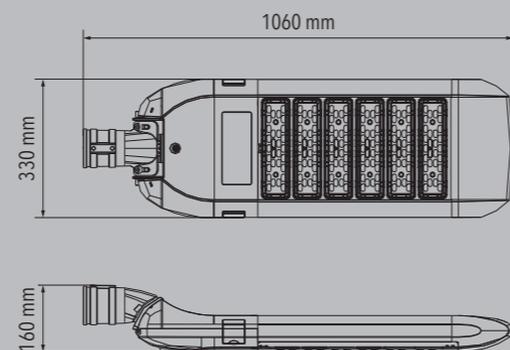




# DOLPHIN M6

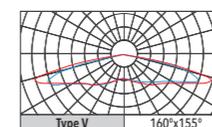
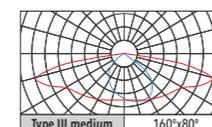
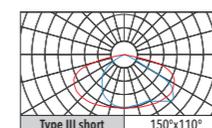
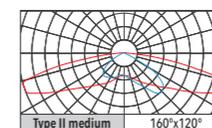
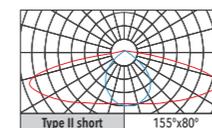
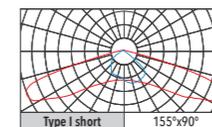


LED LUMINAIRE FOR  
ROADWAY & PUBLIC AREA LIGHTING



## TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Die-cast aluminum
Finishing process	Powder coated
Standard colour	Grey
Mounting type	Side-entry / post-top
Adjustability	90° [ in 5° step ]
Net weight	Approx. 13.2 kg
Protection class	IP66
Cover	Tempered glass
Impact resistance	IK09
PHOTOMETRICAL DATA	
Light source type	6x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Asymmetrical / symmetrical
Light distributions	Type I short / Type II short Type II medium / Type III short Type III medium / Type V
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	160 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	Built-in LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	360W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Traffic routes and main access roads, city centers and main streets, highways, urban and residential areas, public areas
Operating temperature	-40°C ... +50 °C
Operating humidity	10% ... 90%
Type of connection	Cable [ 3-pole ]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF, Photocell



## PRODUCT CODES



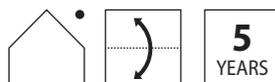
<b>1606W360.T1S.3070.04</b>	168 LED	360W	53000lm	3000K
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<b>1606W360.T1S.5070.04</b>	168 LED	360W	58600lm	5000K
<b>1606W360.T1S.5770.04</b>	168 LED	360W	61600lm	5700K
<b>1606W360.T2S.3070.04</b>	168 LED	360W	53000lm	3000K
<b>1606W360.T2S.4070.04</b>	168 LED	360W	55700lm	4000K
<b>1606W360.T2S.5070.04</b>	168 LED	360W	58600lm	5000K
<b>1606W360.T2S.5770.04</b>	168 LED	360W	61600lm	5700K
<b>1606W360.T2M.3070.04</b>	168 LED	360W	53000lm	3000K
<b>1606W360.T2M.4070.04</b>	168 LED	360W	55700lm	4000K
<b>1606W360.T2M.5070.04</b>	168 LED	360W	58600lm	5000K
<b>1606W360.T2M.5770.04</b>	168 LED	360W	61600lm	5700K
<b>1606W360.T3S.3070.04</b>	168 LED	360W	53000lm	3000K
<b>1606W360.T3S.4070.04</b>	168 LED	360W	55700lm	4000K
<b>1606W360.T3S.5070.04</b>	168 LED	360W	58600lm	5000K
<b>1606W360.T3S.5770.04</b>	168 LED	360W	61600lm	5700K
<b>1606W360.T3M.3070.04</b>	168 LED	360W	53000lm	3000K
<b>1606W360.T3M.4070.04</b>	168 LED	360W	55700lm	4000K
<b>1606W360.T3M.5070.04</b>	168 LED	360W	58600lm	5000K
<b>1606W360.T3M.5770.04</b>	168 LED	360W	61600lm	5700K
<b>1606W360.T5.3070.04</b>	168 LED	360W	53000lm	3000K
<b>1606W360.T5.4070.04</b>	168 LED	360W	55700lm	4000K
<b>1606W360.T5.5070.04</b>	168 LED	360W	58600lm	5000K
<b>1606W360.T5.5770.04</b>	168 LED	360W	61600lm	5700K

\*The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

Safety class I standard, class II optional

Body colour grey ( 04 ) standard, black ( 03 ) and RAL optional

## FEATURES



## CONTROL



## COLOURS



## OPTIONAL ACCESSORIES

<b>+03002</b>	On/off
<b>+03010</b>	DALI dimmable
<b>+00250</b>	Photocell
<b>+00260</b>	Shorting cap
<b>+00313</b>	NEMA 3-PIN [ non-dimmable ]
<b>+00315</b>	NEMA 5-PIN [ 1-10V dimmable ]
<b>+00317</b>	NEMA 7-PIN [ DALI dimmable ]



## STANDARD ACCESSORIES

<b>+A50</b>	Adapter for pole Ø40 ... Ø50mm, depth 90mm
<b>+A60</b>	Adapter for pole Ø55 ... Ø65mm, depth 100mm
<b>+A70</b>	Adapter for pole Ø66 ... Ø76mm, depth 100mm

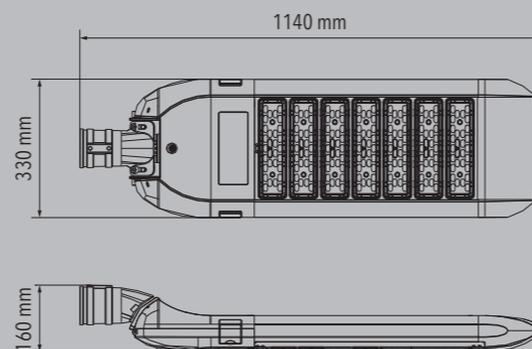
\*Example of complete code: **1606W360.T1S.3070.04+A50+03002**



# DOLPHIN M7

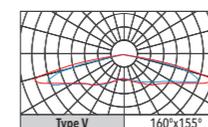
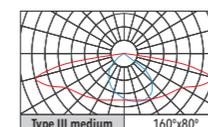
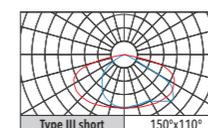
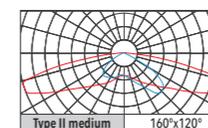
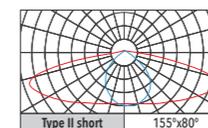
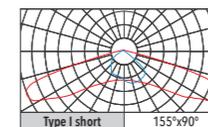


LED LUMINAIRE FOR  
ROADWAY & PUBLIC AREA LIGHTING



## TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Die-cast aluminum
Finishing process	Powder coated
Standard colour	Grey
Mounting type	Side-entry / post-top
Adjustability	90° [ in 5° step ]
Net weight	Approx. 14.4 kg
Protection class	IP66
Cover	Tempered glass
Impact resistance	IK09
PHOTOMETRICAL DATA	
Light source type	7x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Asymmetrical / symmetrical
Light distributions	Type I short / Type II short Type II medium / Type III short Type III medium / Type V
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	160 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	Built-in LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	420W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Traffic routes and main access roads, city centers and main streets, highways, urban and residential areas, public areas
Operating temperature	-40°C ... +50 °C
Operating humidity	10% ... 90%
Type of connection	Cable [ 3-pole ]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF, Photocell



## PRODUCT CODES



<b>1606W420.T1S.3070.04</b>	196 LED	420W	61700lm	3000K
<b>1606W420.T1S.4070.04</b>	196 LED	420W	65000lm	4000K
<b>1606W420.T1S.5070.04</b>	196 LED	420W	68400lm	5000K
<b>1606W420.T1S.5770.04</b>	196 LED	420W	71800lm	5700K

<b>1606W420.T2S.3070.04</b>	196 LED	420W	61700lm	3000K
<b>1606W420.T2S.4070.04</b>	196 LED	420W	65000lm	4000K
<b>1606W420.T2S.5070.04</b>	196 LED	420W	68400lm	5000K
<b>1606W420.T2S.5770.04</b>	196 LED	420W	71800lm	5700K

<b>1606W420.T2M.3070.04</b>	196 LED	420W	61700lm	3000K
<b>1606W420.T2M.4070.04</b>	196 LED	420W	65000lm	4000K
<b>1606W420.T2M.5070.04</b>	196 LED	420W	68400lm	5000K
<b>1606W420.T2M.5770.04</b>	196 LED	420W	71800lm	5700K

<b>1606W420.T3S.3070.04</b>	196 LED	420W	61700lm	3000K
<b>1606W420.T3S.4070.04</b>	196 LED	420W	65000lm	4000K
<b>1606W420.T3S.5070.04</b>	196 LED	420W	68400lm	5000K
<b>1606W420.T3S.5770.04</b>	196 LED	420W	71800lm	5700K

<b>1606W420.T3M.3070.04</b>	196 LED	420W	61700lm	3000K
<b>1606W420.T3M.4070.04</b>	196 LED	420W	65000lm	4000K
<b>1606W420.T3M.5070.04</b>	196 LED	420W	68400lm	5000K
<b>1606W420.T3M.5770.04</b>	196 LED	420W	71800lm	5700K

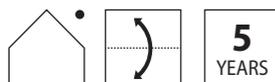
<b>1606W420.T5.3070.04</b>	196 LED	420W	61700lm	3000K
<b>1606W420.T5.4070.04</b>	196 LED	420W	65000lm	4000K
<b>1606W420.T5.5070.04</b>	196 LED	420W	68400lm	5000K
<b>1606W420.T5.5770.04</b>	196 LED	420W	71800lm	5700K

\* The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

Safety class I standard, class II optional

Body colour grey ( 04 ) standard, black ( 03 ) and RAL optional

## FEATURES



## CONTROL



## COLOURS



## OPTIONAL ACCESSORIES

<b>+03002</b>	On/off
<b>+03010</b>	DALI dimmable
<b>+00250</b>	Photocell
<b>+00260</b>	Shorting cap
<b>+00313</b>	NEMA 3-PIN [ non-dimmable ]
<b>+00315</b>	NEMA 5-PIN [ 1-10V dimmable ]
<b>+00317</b>	NEMA 7-PIN [ DALI dimmable ]



## STANDARD ACCESSORIES

<b>+A50</b>	Adapter for pole Ø40 ... Ø50mm, depth 90mm
<b>+A60</b>	Adapter for pole Ø55 ... Ø65mm, depth 100mm
<b>+A70</b>	Adapter for pole Ø66 ... Ø76mm, depth 100mm

\* Example of complete code: **1606W420.T1S.3070.04+A50+03002**





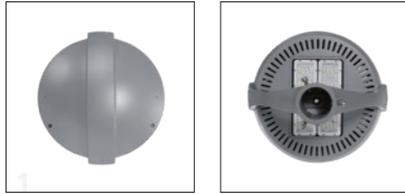
+ 150 lm/W



# YUAN

LED LUMINAIRE FOR RESIDENTIAL & PUBLIC AREA LIGHTING. OPTIMIZED OPTICS FOR EFFICIENT AND COMFORTABLE ILLUMINANCE LEVELS.

# EFFICIENT ILLUMINANCE



## HOUSING

The luminaire body is made of die-cast aluminum, with powder coated finishing for harsh outdoor environments. Well designed construction improves the performance of heat dissipation and self-cleaning.



## LIGHT SOURCE

Modular light source with high power LEDs, the LED modules are made of quality polycarbonate lenses and massive aluminum cooling fins, guarantees professional light distributions and thermal management. Tool-less replaceable modules, quick and easy for onsite maintenance. Available in a wide range of optics ensure the necessary flexibility to meet different technical lighting requirements.

## DRIVER

High efficient LED driver with built-in 10kV surge protection device. Optional 1-10V and DALI dimmable.

## SERIES YUAN

LED MODULES	1 ... 2
POWER	40 ... 120
LUMINOUS FLUX	5500 ... 18200



## WIRINGS

Inner wirings with IP68 high protection connectors which can guarantee the stability, at the meantime, reduce its later maintenance cost



## INSTALLATION ARM

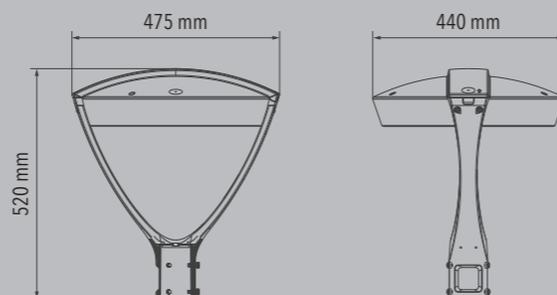
The luminaire can be installed with a Y-shape arm suitable for pole Ø60 ... Ø68mm, maximum installation depth 115mm. This arm is made of powder coated die-cast aluminum.



# YUAN M1

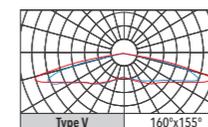
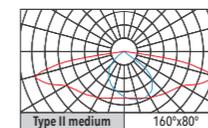
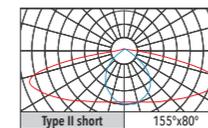
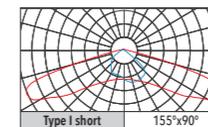


LED LUMINAIRE FOR  
RESIDENTIAL & PUBLIC AREA LIGHTING



## TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Die-cast aluminum
Finishing process	Powder coated
Standard colour	Grey
Mounting type	Post-top
Adjustability	N/A
Net weight	Approx. 6.6 kg
Protection class	IP66
Cover	N/A
Impact resistance	IK08
PHOTOMETRICAL DATA	
Light source type	1x LED module with 5050 LED
Optic material	Polycarbonate lens
Optic type	Asymmetrical / symmetrical
Light distributions	Type I short / type II short Type II medium Type V
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	153 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	Built-in LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	40W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Residential areas, road and streets public areas, city centers, parks and plazas commercial districts
Operating temperature	-40°C ... +50 °C
Operating humidity	10% ... 90%
Type of connection	Cable [ 3-pole ]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF



## PRODUCT CODES



<b>1607W40.T1S.3070.04</b>	28 LED	40W	5500lm	3000K
<b>1607W40.T1S.4070.04</b>	28 LED	40W	5800lm	4000K
<b>1607W40.T1S.5070.04</b>	28 LED	40W	6100lm	5000K
<b>1607W40.T1S.5770.04</b>	28 LED	40W	6400lm	5700K
<b>1607W40.T2S.3070.04</b>	28 LED	40W	5500lm	3000K
<b>1607W40.T2S.4070.04</b>	28 LED	40W	5800lm	4000K
<b>1607W40.T2S.5070.04</b>	28 LED	40W	6100lm	5000K
<b>1607W40.T2S.5770.04</b>	28 LED	40W	6400lm	5700K
<b>1607W40.T2M.3070.04</b>	28 LED	40W	5500lm	3000K
<b>1607W40.T2M.4070.04</b>	28 LED	40W	5800lm	4000K
<b>1607W40.T2M.5070.04</b>	28 LED	40W	6100lm	5000K
<b>1607W40.T2M.5770.04</b>	28 LED	40W	6400lm	5700K
<b>1607W40.T5.3070.04</b>	28 LED	40W	5500lm	3000K
<b>1607W40.T5.4070.04</b>	28 LED	40W	5800lm	4000K
<b>1607W40.T5.5070.04</b>	28 LED	40W	6100lm	5000K
<b>1607W40.T5.5770.04</b>	28 LED	40W	6400lm	5700K

\*The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

Safety class I standard, class II optional

Body colour grey ( 04 ) standard, black ( 03 ) and RAL optional

## OPTIONAL ACCESSORIES

<b>+03002</b>	On/off
<b>+03010</b>	DALI dimmable

## FEATURES



## CONTROL



## COLOURS



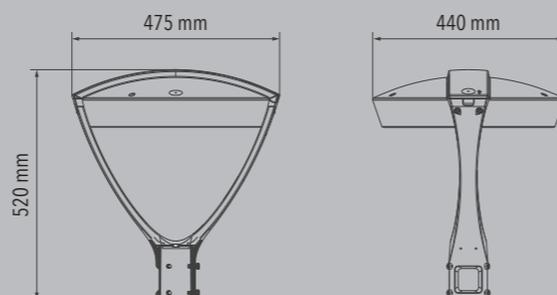
\*Example of complete code: **1607W40.T1S.3070.04+03002**



# YUAN M1

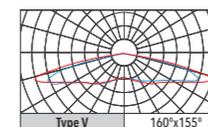
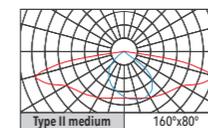
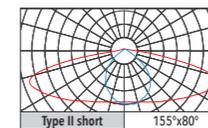
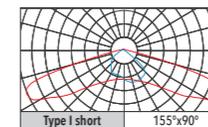


LED LUMINAIRE FOR  
RESIDENTIAL & PUBLIC AREA LIGHTING



## TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Die-cast aluminum
Finishing process	Powder coated
Standard colour	Grey
Mounting type	Post-top
Adjustability	N/A
Net weight	Approx. 6.6 kg
Protection class	IP66
Cover	N/A
Impact resistance	IK08
PHOTOMETRICAL DATA	
Light source type	1x LED module with 5050 LED
Optic material	Polycarbonate lens
Optic type	Asymmetrical / symmetrical
Light distributions	Type I short / type II short Type II medium Type V
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	147 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	Built-in LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	50W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Residential areas, road and streets public areas, city centers, parks and plazas commercial districts
Operating temperature	-40°C ... +50 °C
Operating humidity	10% ... 90%
Type of connection	Cable [ 3-pole ]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF



## PRODUCT CODES



<b>1607W50.T1S.3070.04</b>	28 LED	50W	6600lm	3000K
<b>1607W50.T1S.4070.04</b>	28 LED	50W	6900lm	4000K
<b>1607W50.T1S.5070.04</b>	28 LED	50W	7300lm	5000K
<b>1607W50.T1S.5770.04</b>	28 LED	50W	7700lm	5700K
<b>1607W50.T2S.3070.04</b>	28 LED	50W	6600lm	3000K
<b>1607W50.T2S.4070.04</b>	28 LED	50W	6900lm	4000K
<b>1607W50.T2S.5070.04</b>	28 LED	50W	7300lm	5000K
<b>1607W50.T2S.5770.04</b>	28 LED	50W	7700lm	5700K
<b>1607W50.T2M.3070.04</b>	28 LED	50W	6600lm	3000K
<b>1607W50.T2M.4070.04</b>	28 LED	50W	6900lm	4000K
<b>1607W50.T2M.5070.04</b>	28 LED	50W	7300lm	5000K
<b>1607W50.T2M.5770.04</b>	28 LED	50W	7700lm	5700K
<b>1607W50.T5.3070.04</b>	28 LED	50W	6600lm	3000K
<b>1607W50.T5.4070.04</b>	28 LED	50W	6900lm	4000K
<b>1607W50.T5.5070.04</b>	28 LED	50W	7300lm	5000K
<b>1607W50.T5.5770.04</b>	28 LED	50W	7700lm	5700K

\*The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

Safety class I standard, class II optional

Body colour grey ( 04 ) standard, black ( 03 ) and RAL optional

## OPTIONAL ACCESSORIES

<b>+03002</b>	On/off
<b>+03010</b>	DALI dimmable

## FEATURES



## CONTROL



## COLOURS



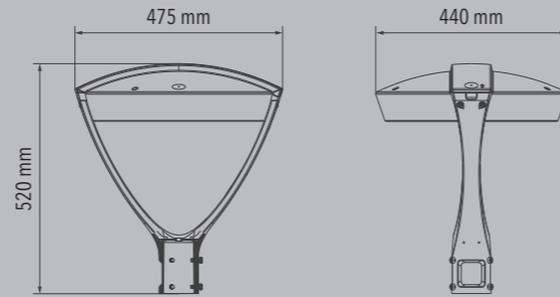
\*Example of complete code: **1607W50.T1S.3070.04+03002**



# YUAN M1

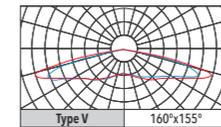
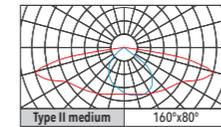
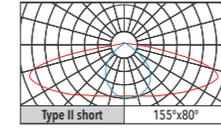
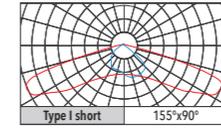


LED LUMINAIRE FOR  
RESIDENTIAL & PUBLIC AREA LIGHTING



## TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Die-cast aluminum
Finishing process	Powder coated
Standard colour	Grey
Mounting type	Post-top
Adjustability	N/A
Net weight	Approx. 6.6 kg
Protection class	IP66
Cover	N/A
Impact resistance	IK08
PHOTOMETRICAL DATA	
Light source type	1x LED module with 5050 LED
Optic material	Polycarbonate lens
Optic type	Asymmetrical / symmetrical
Light distributions	Type I short / type II short Type II medium Type V
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	140 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	Built-in LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	60W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Residential areas, road and streets public areas, city centers, parks and plazas commercial districts
Operating temperature	-40°C ... +50 °C
Operating humidity	10% ... 90%
Type of connection	Cable [ 3-pole ]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF



## PRODUCT CODES



<b>1607W60.T1S.3070.04</b>	28 LED	60W	7500lm	3000K
<b>1607W60.T1S.4070.04</b>	28 LED	60W	7900lm	4000K
<b>1607W60.T1S.5070.04</b>	28 LED	60W	8400lm	5000K
<b>1607W60.T1S.5770.04</b>	28 LED	60W	8800lm	5700K
<b>1607W60.T2S.3070.04</b>	28 LED	60W	7500lm	3000K
<b>1607W60.T2S.4070.04</b>	28 LED	60W	7900lm	4000K
<b>1607W60.T2S.5070.04</b>	28 LED	60W	8400lm	5000K
<b>1607W60.T2S.5770.04</b>	28 LED	60W	8800lm	5700K
<b>1607W60.T2M.3070.04</b>	28 LED	60W	7500lm	3000K
<b>1607W60.T2M.4070.04</b>	28 LED	60W	7900lm	4000K
<b>1607W60.T2M.5070.04</b>	28 LED	60W	8400lm	5000K
<b>1607W60.T2M.5770.04</b>	28 LED	60W	8800lm	5700K
<b>1607W60.T5.3070.04</b>	28 LED	60W	7500lm	3000K
<b>1607W60.T5.4070.04</b>	28 LED	60W	7900lm	4000K
<b>1607W60.T5.5070.04</b>	28 LED	60W	8400lm	5000K
<b>1607W60.T5.5770.04</b>	28 LED	60W	8800lm	5700K

\*The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional  
Safety class I standard, class II optional  
Body colour grey ( 04 ) standard, black ( 03 ) and RAL optional

## OPTIONAL ACCESSORIES

<b>+03002</b>	On/off
<b>+03010</b>	DALI dimmable

## FEATURES



## CONTROL



## COLOURS



\*Example of complete code: **1607W60.T1S.3070.04+03002**

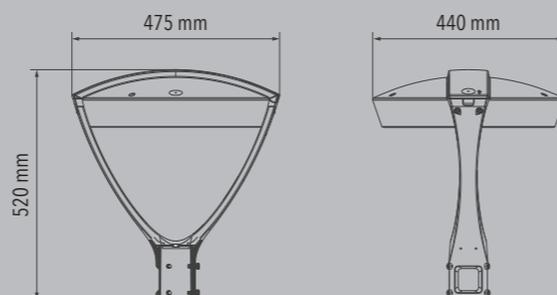




# YUAN M2

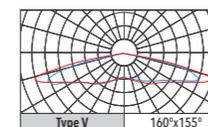
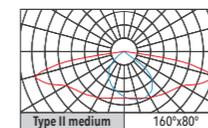
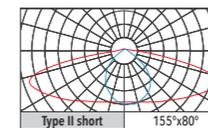
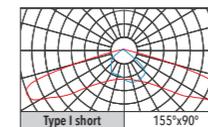


LED LUMINAIRE FOR  
RESIDENTIAL & PUBLIC AREA LIGHTING



## TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Die-cast aluminum
Finishing process	Powder coated
Standard colour	Grey
Mounting type	Post-top
Adjustability	N/A
Net weight	Approx. 7.1 kg
Protection class	IP66
Cover	N/A
Impact resistance	IK08
PHOTOMETRICAL DATA	
Light source type	2x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Asymmetrical / symmetrical
Light distributions	Type I short / type II short Type II medium Type V
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	158 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	Built-in LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	80W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Residential areas, road and streets public areas, city centers, parks and plazas commercial districts
Operating temperature	-40°C ... +50 °C
Operating humidity	10% ... 90%
Type of connection	Cable [ 3-pole ]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF



## PRODUCT CODES



<b>1607W80.T1S.3070.04</b>	56 LED	80W	11400lm	3000K
<b>1607W80.T1S.4070.04</b>	56 LED	80W	12000lm	4000K
<b>1607W80.T1S.5070.04</b>	56 LED	80W	12600lm	5000K
<b>1607W80.T1S.5770.04</b>	56 LED	80W	13200lm	5700K
<b>1607W80.T2S.3070.04</b>	56 LED	80W	11400lm	3000K
<b>1607W80.T2S.4070.04</b>	56 LED	80W	12000lm	4000K
<b>1607W80.T2S.5070.04</b>	56 LED	80W	12600lm	5000K
<b>1607W80.T2S.5770.04</b>	56 LED	80W	13200lm	5700K
<b>1607W80.T2M.3070.04</b>	56 LED	80W	11400lm	3000K
<b>1607W80.T2M.4070.04</b>	56 LED	80W	12000lm	4000K
<b>1607W80.T2M.5070.04</b>	56 LED	80W	12600lm	5000K
<b>1607W80.T2M.5770.04</b>	56 LED	80W	13200lm	5700K
<b>1607W80.T5.3070.04</b>	56 LED	80W	11400lm	3000K
<b>1607W80.T5.4070.04</b>	56 LED	80W	12000lm	4000K
<b>1607W80.T5.5070.04</b>	56 LED	80W	12600lm	5000K
<b>1607W80.T5.5770.04</b>	56 LED	80W	13200lm	5700K

\*The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

Safety class I standard, class II optional

Body colour grey ( 04 ) standard, black ( 03 ) and RAL optional

## OPTIONAL ACCESSORIES

<b>+03002</b>	On/off
<b>+03010</b>	DALI dimmable

## FEATURES



## CONTROL



## COLOURS



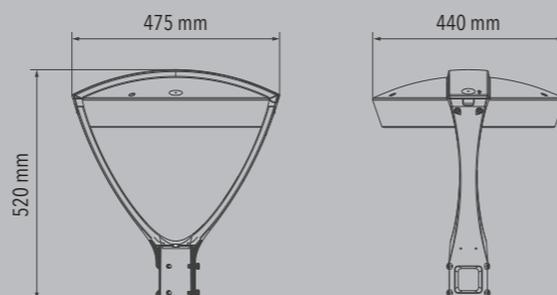
\*Example of complete code: **1607W80.T1S.3070.04+03002**



# YUAN M2

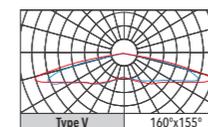
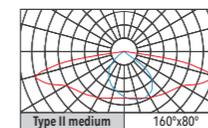
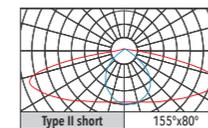
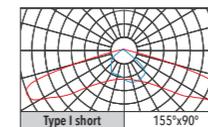


LED LUMINAIRE FOR RESIDENTIAL & PUBLIC AREA LIGHTING



## TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Die-cast aluminum
Finishing process	Powder coated
Standard colour	Grey
Mounting type	Post-top
Adjustability	N/A
Net weight	Approx. 7.1 kg
Protection class	IP66
Cover	N/A
Impact resistance	IK08
PHOTOMETRICAL DATA	
Light source type	2x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Asymmetrical / symmetrical
Light distributions	Type I short / type II short Type II medium Type V
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	152 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	Built-in LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	100W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Residential areas, road and streets public areas, city centers, parks and plazas commercial districts
Operating temperature	-40°C ... +50 °C
Operating humidity	10% ... 90%
Type of connection	Cable [ 3-pole ]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF



## PRODUCT CODES



1607W100.T1S.3070.04	56 LED	100W	13700lm	3000K
1607W100.T1S.4070.04	56 LED	100W	14400lm	4000K
1607W100.T1S.5070.04	56 LED	100W	15200lm	5000K
1607W100.T1S.5770.04	56 LED	100W	15900lm	5700K
1607W100.T2S.3070.04	56 LED	100W	13700lm	3000K
1607W100.T2S.4070.04	56 LED	100W	14400lm	4000K
1607W100.T2S.5070.04	56 LED	100W	15200lm	5000K
1607W100.T2S.5770.04	56 LED	100W	15900lm	5700K
1607W100.T2M.3070.04	56 LED	100W	13700lm	3000K
1607W100.T2M.4070.04	56 LED	100W	14400lm	4000K
1607W100.T2M.5070.04	56 LED	100W	15200lm	5000K
1607W100.T2M.5770.04	56 LED	100W	15900lm	5700K
1607W100.T5.3070.04	56 LED	100W	13700lm	3000K
1607W100.T5.4070.04	56 LED	100W	14400lm	4000K
1607W100.T5.5070.04	56 LED	100W	15200lm	5000K
1607W100.T5.5770.04	56 LED	100W	15900lm	5700K

\*The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

Safety class I standard, class II optional

Body colour grey ( 04 ) standard, black ( 03 ) and RAL optional

## OPTIONAL ACCESSORIES

+03002	On/off
+03010	DALI dimmable

## FEATURES



## CONTROL



## COLOURS



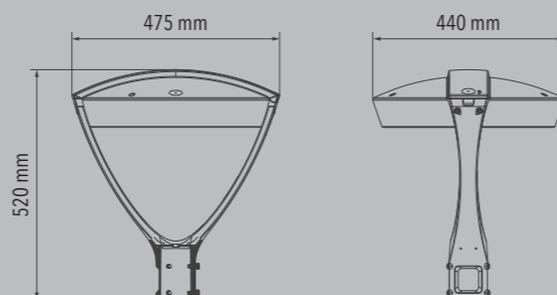
\* Example of complete code: 1607W100.T1S.3070.04+03002



# YUAN M2

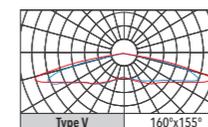
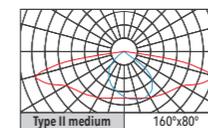
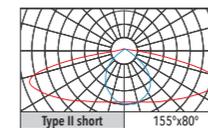
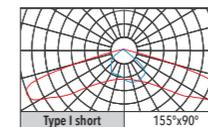


LED LUMINAIRE FOR  
RESIDENTIAL & PUBLIC AREA LIGHTING



## TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Die-cast aluminum
Finishing process	Powder coated
Standard colour	Grey
Mounting type	Post-top
Adjustability	N/A
Net weight	Approx. 7.1 kg
Protection class	IP66
Cover	N/A
Impact resistance	IK08
PHOTOMETRICAL DATA	
Light source type	2x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Asymmetrical / symmetrical
Light distributions	Type I short / type II short Type II medium Type V
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	145 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	Built-in LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	120W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Residential areas, road and streets public areas, city centers, parks and plazas commercial districts
Operating temperature	-40°C ... +50 °C
Operating humidity	10% ... 90%
Type of connection	Cable [ 3-pole ]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF



## PRODUCT CODES



<b>1607W120.T1S.3070.04</b>	56 LED	120W	15700lm	3000K
<b>1607W120.T1S.4070.04</b>	56 LED	120W	16500lm	4000K
<b>1607W120.T1S.5070.04</b>	56 LED	120W	17400lm	5000K
<b>1607W120.T1S.5770.04</b>	56 LED	120W	18200lm	5700K
<b>1607W120.T2S.3070.04</b>	56 LED	120W	15700lm	3000K
<b>1607W120.T2S.4070.04</b>	56 LED	120W	16500lm	4000K
<b>1607W120.T2S.5070.04</b>	56 LED	120W	17400lm	5000K
<b>1607W120.T2S.5770.04</b>	56 LED	120W	18200lm	5700K
<b>1607W120.T2M.3070.04</b>	56 LED	120W	15700lm	3000K
<b>1607W120.T2M.4070.04</b>	56 LED	120W	16500lm	4000K
<b>1607W120.T2M.5070.04</b>	56 LED	120W	17400lm	5000K
<b>1607W120.T2M.5770.04</b>	56 LED	120W	18200lm	5700K
<b>1607W120.T5.3070.04</b>	56 LED	120W	15700lm	3000K
<b>1607W120.T5.4070.04</b>	56 LED	120W	16500lm	4000K
<b>1607W120.T5.5070.04</b>	56 LED	120W	17400lm	5000K
<b>1607W120.T5.5770.04</b>	56 LED	120W	18200lm	5700K

\*The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

Safety class I standard, class II optional

Body colour grey ( 04 ) standard, black ( 03 ) and RAL optional

## OPTIONAL ACCESSORIES

<b>+03002</b>	On/off
<b>+03010</b>	DALI dimmable

## FEATURES



## CONTROL



## COLOURS



\* Example of complete code: **1607W120.T1S.3070.04+03002**





+ 160 lm/W

5  
YEARS  
WARRANTY



# FLEXI

DURABLE LED FLOOD LIGHTING LUMINAIRE.  
AVAILABLE IN A WIDE RANGE OF LUMINOUS FLUX AND OPTICS.

# OPTIMAL PERFORMANCE



## BRACKET

Adjustable bracket with lock studs provides easy installation and ensures safety.



## DRIVER BOX

Hollow-carved driver box ensures heat dissipation as well as protection for drivers.



## HOUSING

The luminaire body is made of extruded galvanized steel, with powder coated finishing for harsh outdoor environments. Whole-construction industrial design guarantees mechanical strength and excellent thermal management, providing continuous operation and unparalleled safety and protection. The housing is available in 8 dimensions for different power packages.



## LIGHT SOURCE

Modular light source with high power LEDs, the LED modules are made of quality polycarbonate lenses and massive aluminum cooling fins, guarantees professional light distributions and thermal management. Tool-less replaceable modules, quick and easy to onsite maintain. Available in a wide range of optics improve the necessary flexibility to meet different lighting requirements.

## SERIES FLEXI

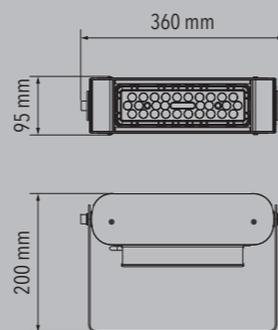
LED MODULES	1 ... 16
POWER	60 ... 480
LUMINOUS FLUX	8600 ... 163200



# FLEXI M1

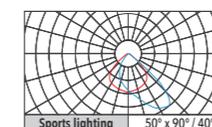
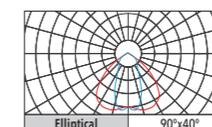
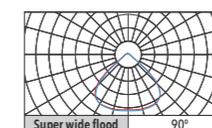
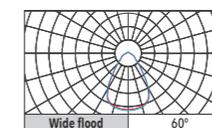
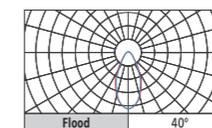
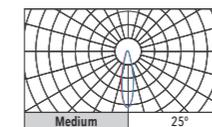


## LED LUMINAIRE FOR AREA FLOOD & SPORTS LIGHTING



### TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Extruded galvanized steel
Finishing process	Powder coated
Standard colour	Grey
Mounting type	Surface mounted
Adjustability	-180° ... +180°
Net weight	Approx. 3.6 kg
Protection class	IP66
Cover	N/A
Impact resistance	IK09
PHOTOMETRICAL DATA	
Light source type	1x LED module with 5050 LED
Optic material	Polycarbonate lens
Optic type	Symmetrical / asymmetrical
Light distributions	Medium / flood / wide flood Super wide flood / Elliptical Sports lighting
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	160 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	External LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	60W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Sports facilities, packing lots, billboards, industrial areas, logistics areas apron lighting, security lighting
Operating temperature	-40°C ... +45 °C
Operating humidity	10% ... 90%
Type of connection	Cable [ 3-pole ]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF



### PRODUCT CODES

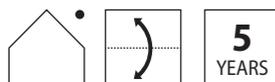


<b>1305W60.M.3070.04</b>	28 LED	60W	8600lm	3000K
<b>1305W60.M.4070.04</b>	28 LED	60W	9000lm	4000K
<b>1305W60.M.5070.04</b>	28 LED	60W	9400lm	5000K
<b>1305W60.M.5770.04</b>	28 LED	60W	9900lm	5700K
<b>1305W60.F.3070.04</b>	28 LED	60W	8600lm	3000K
<b>1305W60.F.4070.04</b>	28 LED	60W	9000lm	4000K
<b>1305W60.F.5070.04</b>	28 LED	60W	9400lm	5000K
<b>1305W60.F.5770.04</b>	28 LED	60W	9900lm	5700K
<b>1305W60.WF.3070.04</b>	28 LED	60W	8600lm	3000K
<b>1305W60.WF.4070.04</b>	28 LED	60W	9000lm	4000K
<b>1305W60.WF.5070.04</b>	28 LED	60W	9400lm	5000K
<b>1305W60.WF.5770.04</b>	28 LED	60W	9900lm	5700K
<b>1305W60.SWF.3070.04</b>	28 LED	60W	8600lm	3000K
<b>1305W60.SWF.4070.04</b>	28 LED	60W	9000lm	4000K
<b>1305W60.SWF.5070.04</b>	28 LED	60W	9400lm	5000K
<b>1305W60.SWF.5770.04</b>	28 LED	60W	9900lm	5700K
<b>1305W60.E.3070.04</b>	28 LED	60W	8600lm	3000K
<b>1305W60.E.4070.04</b>	28 LED	60W	9000lm	4000K
<b>1305W60.E.5070.04</b>	28 LED	60W	9400lm	5000K
<b>1305W60.E.5770.04</b>	28 LED	60W	9900lm	5700K
<b>1305W60.SPL.3070.04</b>	28 LED	60W	8600lm	3000K
<b>1305W60.SPL.4070.04</b>	28 LED	60W	9000lm	4000K
<b>1305W60.SPL.5070.04</b>	28 LED	60W	9400lm	5000K
<b>1305W60.SPL.5770.04</b>	28 LED	60W	9900lm	5700K

\* The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

Body colour grey ( 04 ) standard, black ( 03 ) and RAL optional

### FEATURES



### CONTROL



### COLOURS



### OPTIONAL ACCESSORIES

<b>+03002</b>	On/off
<b>+03010</b>	DALI dimmable

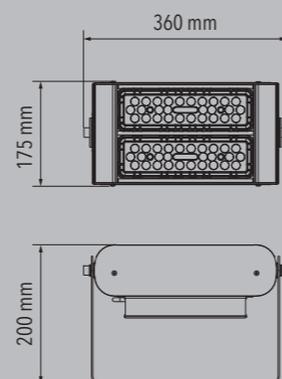
\* Example of complete code: **1305W60.M.3070.04+03002**



# FLEXI M2

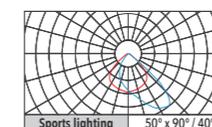
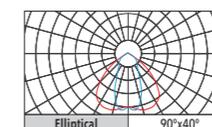
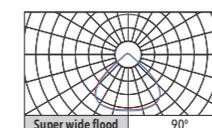
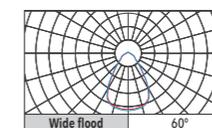
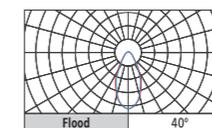
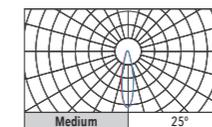


## LED LUMINAIRE FOR AREA FLOOD & SPORTS LIGHTING



### TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Extruded galvanized steel
Finishing process	Powder coated
Standard colour	Grey
Mounting type	Surface mounted
Adjustability	-180° ... +180°
Net weight	Approx. 4.7 kg
Protection class	IP66
Cover	N/A
Impact resistance	IK09
PHOTOMETRICAL DATA	
Light source type	2x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Symmetrical / Asymmetrical
Light distributions	Medium / flood / wide flood Super wide flood / elliptical Sports lighting
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	160 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	External LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	120W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Sports facilities, packing lots, billboards, industrial areas, logistics areas apron lighting, security lighting
Operating temperature	-40°C ... +45 °C
Operating humidity	10% ... 90%
Type of connection	Cable [ 3-pole ]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF



### PRODUCT CODES

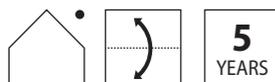


<b>1305W120.M.3070.04</b>	56 LED	120W	17500lm	3000K
<b>1305W120.M.4070.04</b>	56 LED	120W	18500lm	4000K
<b>1305W120.M.5070.04</b>	56 LED	120W	19400lm	5000K
<b>1305W120.M.5770.04</b>	56 LED	120W	20400lm	5700K
<b>1305W120.F.3070.04</b>	56 LED	120W	17500lm	3000K
<b>1305W120.F.4070.04</b>	56 LED	120W	18500lm	4000K
<b>1305W120.F.5070.04</b>	56 LED	120W	19400lm	5000K
<b>1305W120.F.5770.04</b>	56 LED	120W	20400lm	5700K
<b>1305W120.WF.3070.04</b>	56 LED	120W	17500lm	3000K
<b>1305W120.WF.4070.04</b>	56 LED	120W	18500lm	4000K
<b>1305W120.WF.5070.04</b>	56 LED	120W	19400lm	5000K
<b>1305W120.WF.5770.04</b>	56 LED	120W	20400lm	5700K
<b>1305W120.SWF.3070.04</b>	56 LED	120W	17500lm	3000K
<b>1305W120.SWF.4070.04</b>	56 LED	120W	18500lm	4000K
<b>1305W120.SWF.5070.04</b>	56 LED	120W	19400lm	5000K
<b>1305W120.SWF.5770.04</b>	56 LED	120W	20400lm	5700K
<b>1305W120.E.3070.04</b>	56 LED	120W	17500lm	3000K
<b>1305W120.E.4070.04</b>	56 LED	120W	18500lm	4000K
<b>1305W120.E.5070.04</b>	56 LED	120W	19400lm	5000K
<b>1305W120.E.5770.04</b>	56 LED	120W	20400lm	5700K
<b>1305W120.SPL.3070.04</b>	56 LED	120W	17500lm	3000K
<b>1305W120.SPL.4070.04</b>	56 LED	120W	18500lm	4000K
<b>1305W120.SPL.5070.04</b>	56 LED	120W	19400lm	5000K
<b>1305W120.SPL.5770.04</b>	56 LED	120W	20400lm	5700K

\*The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

Body colour grey ( 04 ) standard, black ( 03 ) and RAL optional

### FEATURES



### CONTROL



### COLOURS



### OPTIONAL ACCESSORIES

<b>+03002</b>	On/off
<b>+03010</b>	DALI dimmable

\*Example of complete code: **1305W120.M.3070.04+03002**

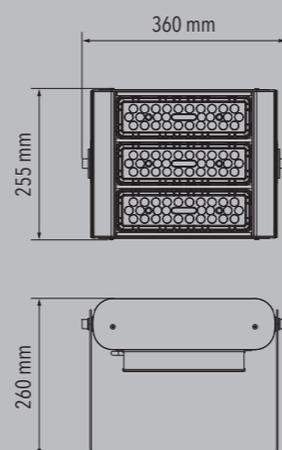




# FLEXI M3

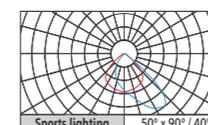
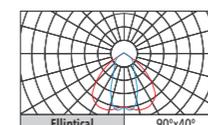
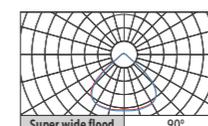
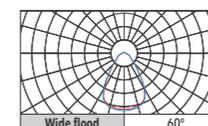
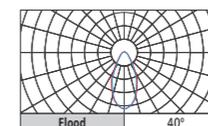
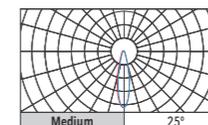


## LED LUMINAIRE FOR AREA FLOOD & SPORTS LIGHTING



### TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Extruded galvanized steel
Finishing process	Powder coated
Standard colour	Grey
Mounting type	Surface mounted
Adjustability	-180° ... +180°
Net weight	Approx. 6.0 kg
Protection class	IP66
Cover	N/A
Impact resistance	IK09
PHOTOMETRICAL DATA	
Light source type	3x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Symmetrical / Asymmetrical
Light distributions	Medium / flood / wide flood Super wide flood / elliptical Sports lighting
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	160 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	External LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	180W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Sports facilities, packing lots, billboards, industrial areas, logistics areas apron lighting, security lighting
Operating temperature	-40°C ... +45 °C
Operating humidity	10% ... 90%
Type of connection	Cable [ 3-pole ]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF



### PRODUCT CODES

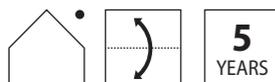


<b>1305W180.M.3070.04</b>	84 LED	180W	26300lm	3000K
<b>1305W180.M.4070.04</b>	84 LED	180W	27700lm	4000K
<b>1305W180.M.5070.04</b>	84 LED	180W	29100lm	5000K
<b>1305W180.M.5770.04</b>	84 LED	180W	30600lm	5700K
<b>1305W180.F.3070.04</b>	84 LED	180W	26300lm	3000K
<b>1305W180.F.4070.04</b>	84 LED	180W	27700lm	4000K
<b>1305W180.F.5070.04</b>	84 LED	180W	29100lm	5000K
<b>1305W180.F.5770.04</b>	84 LED	180W	30600lm	5700K
<b>1305W180.WF.3070.04</b>	84 LED	180W	26300lm	3000K
<b>1305W180.WF.4070.04</b>	84 LED	180W	27700lm	4000K
<b>1305W180.WF.5070.04</b>	84 LED	180W	29100lm	5000K
<b>1305W180.WF.5770.04</b>	84 LED	180W	30600lm	5700K
<b>1305W180.SWF.3070.04</b>	84 LED	180W	26300lm	3000K
<b>1305W180.SWF.4070.04</b>	84 LED	180W	27700lm	4000K
<b>1305W180.SWF.5070.04</b>	84 LED	180W	29100lm	5000K
<b>1305W180.SWF.5770.04</b>	84 LED	180W	30600lm	5700K
<b>1305W180.E.3070.04</b>	84 LED	180W	26300lm	3000K
<b>1305W180.E.4070.04</b>	84 LED	180W	27700lm	4000K
<b>1305W180.E.5070.04</b>	84 LED	180W	29100lm	5000K
<b>1305W180.E.5770.04</b>	84 LED	180W	30600lm	5700K
<b>1305W180.SPL.3070.04</b>	84 LED	180W	26300lm	3000K
<b>1305W180.SPL.4070.04</b>	84 LED	180W	27700lm	4000K
<b>1305W180.SPL.5070.04</b>	84 LED	180W	29100lm	5000K
<b>1305W180.SPL.5770.04</b>	84 LED	180W	30600lm	5700K

\*The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

Body colour grey ( 04 ) standard, black ( 03 ) and RAL optional

### FEATURES



### CONTROL



### COLOURS



### OPTIONAL ACCESSORIES

<b>+03002</b>	On/off
<b>+03010</b>	DALI dimmable

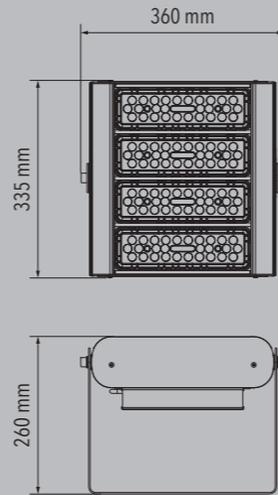
\* Example of complete code: **1305W180.M.3070.04+03002**



# FLEXI M4

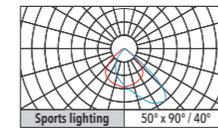
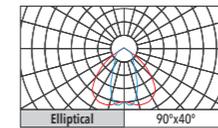
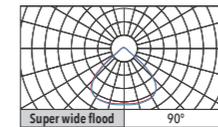
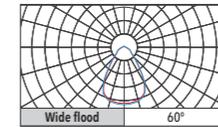
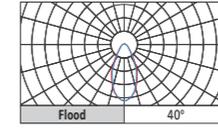
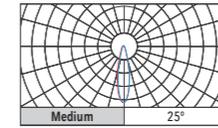


## LED LUMINAIRE FOR AREA FLOOD & SPORTS LIGHTING



### TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Extruded galvanized steel
Finishing process	Powder coated
Standard colour	Grey
Mounting type	Surface mounted
Adjustability	-180° ... +180°
Net weight	Approx. 7.3 kg
Protection class	IP66
Cover	N/A
Impact resistance	IK09
PHOTOMETRICAL DATA	
Light source type	4x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Symmetrical / Asymmetrical
Light distributions	Medium / flood / wide flood Super wide flood / elliptical Sports lighting
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	160 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	External LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	240W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Sports facilities, packing lots, billboards, industrial areas, logistics areas apron lighting, security lighting
Operating temperature	-40°C ... +45 °C
Operating humidity	10% ... 90%
Type of connection	Cable [ 3-pole ]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF



### PRODUCT CODES

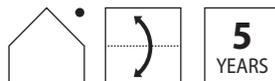


<b>1305W240.M.3070.04</b>	112 LED 240W 35000lm 3000K
<b>1305W240.M.4070.04</b>	112 LED 240W 36900lm 4000K
<b>1305W240.M.5070.04</b>	112 LED 240W 38800lm 5000K
<b>1305W240.M.5770.04</b>	112 LED 240W 40800lm 5700K
<b>1305W240.F.3070.04</b>	112 LED 240W 35000lm 3000K
<b>1305W240.F.4070.04</b>	112 LED 240W 36900lm 4000K
<b>1305W240.F.5070.04</b>	112 LED 240W 38800lm 5000K
<b>1305W240.F.5770.04</b>	112 LED 240W 40800lm 5700K
<b>1305W240.WF.3070.04</b>	112 LED 240W 35000lm 3000K
<b>1305W240.WF.4070.04</b>	112 LED 240W 36900lm 4000K
<b>1305W240.WF.5070.04</b>	112 LED 240W 38800lm 5000K
<b>1305W240.WF.5770.04</b>	112 LED 240W 40800lm 5700K
<b>1305W240.SWF.3070.04</b>	112 LED 240W 35000lm 3000K
<b>1305W240.SWF.4070.04</b>	112 LED 240W 36900lm 4000K
<b>1305W240.SWF.5070.04</b>	112 LED 240W 38800lm 5000K
<b>1305W240.SWF.5770.04</b>	112 LED 240W 40800lm 5700K
<b>1305W240.E.3070.04</b>	112 LED 240W 35000lm 3000K
<b>1305W240.E.4070.04</b>	112 LED 240W 36900lm 4000K
<b>1305W240.E.5070.04</b>	112 LED 240W 38800lm 5000K
<b>1305W240.E.5770.04</b>	112 LED 240W 40800lm 5700K
<b>1305W240.SPL.3070.04</b>	112 LED 240W 35000lm 3000K
<b>1305W240.SPL.4070.04</b>	112 LED 240W 36900lm 4000K
<b>1305W240.SPL.5070.04</b>	112 LED 240W 38800lm 5000K
<b>1305W240.SPL.5770.04</b>	112 LED 240W 40800lm 5700K

\*The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

Body colour grey ( 04 ) standard, black ( 03 ) and RAL optional

### FEATURES



### CONTROL



### COLOURS



### OPTIONAL ACCESSORIES

<b>+03002</b>	On/off
<b>+03010</b>	DALI dimmable

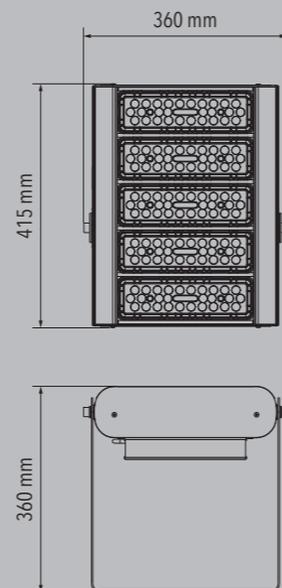
\*Example of complete code: **1305W240.M.3070.04+03002**



# FLEXI M5

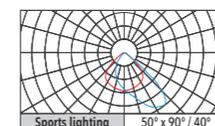
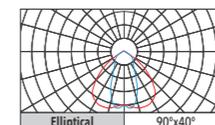
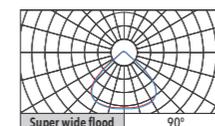
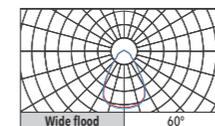
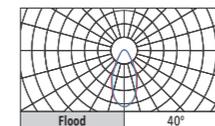
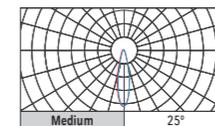


LED LUMINAIRE FOR  
AREA FLOOD & SPORTS LIGHTING



## TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Extruded galvanized steel
Finishing process	Powder coated
Standard colour	Grey
Mounting type	Surface mounted
Adjustability	-180° ... +180°
Net weight	Approx. 9.5 kg
Protection class	IP66
Cover	N/A
Impact resistance	IK09
PHOTOMETRICAL DATA	
Light source type	5x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Symmetrical / Asymmetrical
Light distributions	Medium / flood / wide flood Super wide flood / elliptical Sports lighting
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	160 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	External LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	300W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Sports facilities, packing lots, billboards, industrial areas, logistics areas apron lighting, security lighting
Operating temperature	-40°C ... +45 °C
Operating humidity	10% ... 90%
Type of connection	Cable [ 3-pole ]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF



## PRODUCT CODES

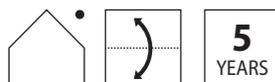


<b>1305W300.M.3070.04</b>	140 LED	300W	43800lm	3000K
<b>1305W300.M.4070.04</b>	140 LED	300W	46100lm	4000K
<b>1305W300.M.5070.04</b>	140 LED	300W	48600lm	5000K
<b>1305W300.M.5770.04</b>	140 LED	300W	51000lm	5700K
<b>1305W300.F.3070.04</b>	140 LED	300W	43800lm	3000K
<b>1305W300.F.4070.04</b>	140 LED	300W	46100lm	4000K
<b>1305W300.F.5070.04</b>	140 LED	300W	48600lm	5000K
<b>1305W300.F.5770.04</b>	140 LED	300W	51000lm	5700K
<b>1305W300.WF.3070.04</b>	140 LED	300W	43800lm	3000K
<b>1305W300.WF.4070.04</b>	140 LED	300W	46100lm	4000K
<b>1305W300.WF.5070.04</b>	140 LED	300W	48600lm	5000K
<b>1305W300.WF.5770.04</b>	140 LED	300W	51000lm	5700K
<b>1305W300.SWF.3070.04</b>	140 LED	300W	43800lm	3000K
<b>1305W300.SWF.4070.04</b>	140 LED	300W	46100lm	4000K
<b>1305W300.SWF.5070.04</b>	140 LED	300W	48600lm	5000K
<b>1305W300.SWF.5770.04</b>	140 LED	300W	51000lm	5700K
<b>1305W300.E.3070.04</b>	140 LED	300W	43800lm	3000K
<b>1305W300.E.4070.04</b>	140 LED	300W	46100lm	4000K
<b>1305W300.E.5070.04</b>	140 LED	300W	48600lm	5000K
<b>1305W300.E.5770.04</b>	140 LED	300W	51000lm	5700K
<b>1305W300.SPL.3070.04</b>	140 LED	300W	43800lm	3000K
<b>1305W300.SPL.4070.04</b>	140 LED	300W	46100lm	4000K
<b>1305W300.SPL.5070.04</b>	140 LED	300W	48600lm	5000K
<b>1305W300.SPL.5770.04</b>	140 LED	300W	51000lm	5700K

\*The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

Body colour grey ( 04 ) standard, black ( 03 ) and RAL optional

## FEATURES



## CONTROL



## COLOURS



## OPTIONAL ACCESSORIES

<b>+03002</b>	On/off
<b>+03010</b>	DALI dimmable

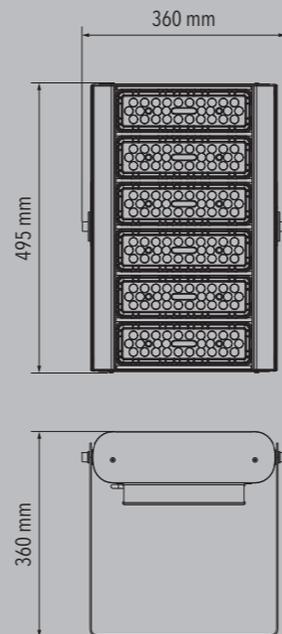
\*Example of complete code: **1305W300.M.3070.04+03002**



# FLEXI M6

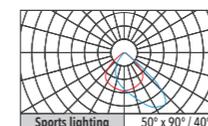
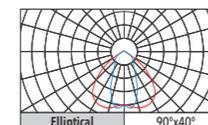
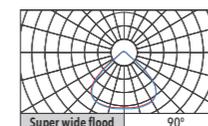
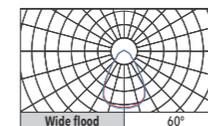
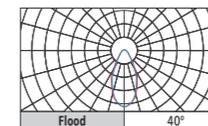
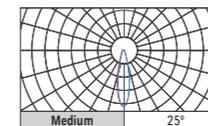


## LED LUMINAIRE FOR AREA FLOOD & SPORTS LIGHTING



### TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Extruded galvanized steel
Finishing process	Powder coated
Standard colour	Grey
Mounting type	Surface mounted
Adjustability	-180° ... +180°
Net weight	Approx. 10.4 kg
Protection class	IP66
Cover	N/A
Impact resistance	IK09
PHOTOMETRICAL DATA	
Light source type	6x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Symmetrical / Asymmetrical
Light distributions	Medium / flood / wide flood Super wide flood / elliptical Sports lighting
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	160 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	External LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	360W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Sports facilities, packing lots, billboards, industrial areas, logistics areas apron lighting, security lighting
Operating temperature	-40°C ... +45 °C
Operating humidity	10% ... 90%
Type of connection	Cable [ 3-pole ]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF



### PRODUCT CODES

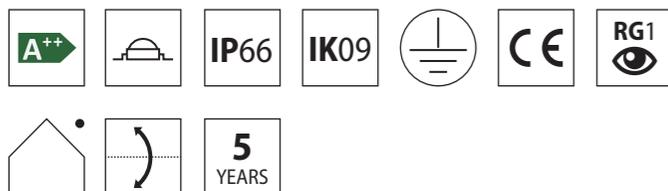


<b>1305W360.M.3070.04</b>	168 LED	360W	52600lm	3000K
<b>1305W360.M.4070.04</b>	168 LED	360W	55400lm	4000K
<b>1305W360.M.5070.04</b>	168 LED	360W	58300lm	5000K
<b>1305W360.M.5770.04</b>	168 LED	360W	61200lm	5700K
<b>1305W360.F.3070.04</b>	168 LED	360W	52600lm	3000K
<b>1305W360.F.4070.04</b>	168 LED	360W	55400lm	4000K
<b>1305W360.F.5070.04</b>	168 LED	360W	58300lm	5000K
<b>1305W360.F.5770.04</b>	168 LED	360W	61200lm	5700K
<b>1305W360.WF.3070.04</b>	168 LED	360W	52600lm	3000K
<b>1305W360.WF.4070.04</b>	168 LED	360W	55400lm	4000K
<b>1305W360.WF.5070.04</b>	168 LED	360W	58300lm	5000K
<b>1305W360.WF.5770.04</b>	168 LED	360W	61200lm	5700K
<b>1305W360.SWF.3070.04</b>	168 LED	360W	52600lm	3000K
<b>1305W360.SWF.4070.04</b>	168 LED	360W	55400lm	4000K
<b>1305W360.SWF.5070.04</b>	168 LED	360W	58300lm	5000K
<b>1305W360.SWF.5770.04</b>	168 LED	360W	61200lm	5700K
<b>1305W360.E.3070.04</b>	168 LED	360W	52600lm	3000K
<b>1305W360.E.4070.04</b>	168 LED	360W	55400lm	4000K
<b>1305W360.E.5070.04</b>	168 LED	360W	58300lm	5000K
<b>1305W360.E.5770.04</b>	168 LED	360W	61200lm	5700K
<b>1305W360.SPL.3070.04</b>	168 LED	360W	52600lm	3000K
<b>1305W360.SPL.4070.04</b>	168 LED	360W	55400lm	4000K
<b>1305W360.SPL.5070.04</b>	168 LED	360W	58300lm	5000K
<b>1305W360.SPL.5770.04</b>	168 LED	360W	61200lm	5700K

\*The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

Body colour grey ( 04 ) standard, black ( 03 ) and RAL optional

### FEATURES



### CONTROL



### COLOURS



### OPTIONAL ACCESSORIES

<b>+03002</b>	On/off
<b>+03010</b>	DALI dimmable

\* Example of complete code: **1305W360.M.3070.04+03002**

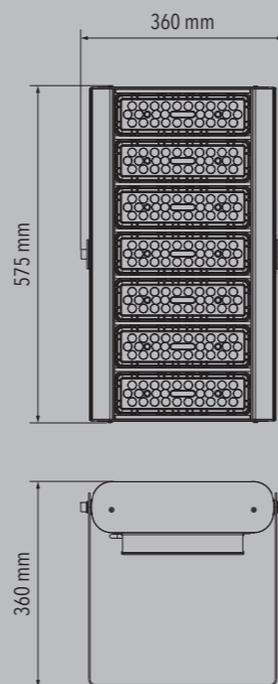




# FLEXI M7

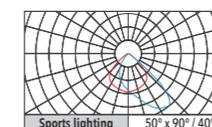
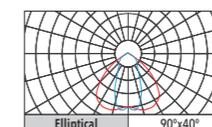
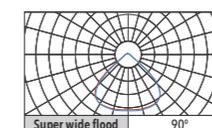
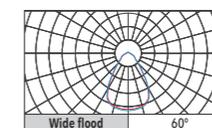
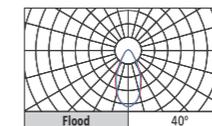
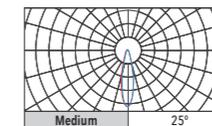


## LED LUMINAIRE FOR AREA FLOOD & SPORTS LIGHTING



### TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Extruded galvanized steel
Finishing process	Powder coated
Standard colour	Grey
Mounting type	Surface mounted
Adjustability	-180° ... +180°
Net weight	Approx. 11.9 kg
Protection class	IP66
Cover	N/A
Impact resistance	IK09
PHOTOMETRICAL DATA	
Light source type	7x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Symmetrical / Asymmetrical
Light distributions	Medium / flood / wide flood Super wide flood / elliptical Sports lighting
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	160 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	External LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	420W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Sports facilities, packing lots, billboards, industrial areas, logistics areas apron lighting, security lighting
Operating temperature	-40°C ... +45 °C
Operating humidity	10% ... 90%
Type of connection	Cable [ 3-pole ]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF



### PRODUCT CODES

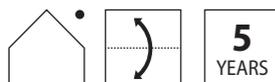


<b>1305W420.M.3070.04</b>	196 LED	420W	61400lm	3000K
<b>1305W420.M.4070.04</b>	196 LED	420W	64600lm	4000K
<b>1305W420.M.5070.04</b>	196 LED	420W	68000lm	5000K
<b>1305W420.M.5770.04</b>	196 LED	420W	71400lm	5700K
<b>1305W420.F.3070.04</b>	196 LED	420W	61400lm	3000K
<b>1305W420.F.4070.04</b>	196 LED	420W	64600lm	4000K
<b>1305W420.F.5070.04</b>	196 LED	420W	68000lm	5000K
<b>1305W420.F.5770.04</b>	196 LED	420W	71400lm	5700K
<b>1305W420.WF.3070.04</b>	196 LED	420W	61400lm	3000K
<b>1305W420.WF.4070.04</b>	196 LED	420W	64600lm	4000K
<b>1305W420.WF.5070.04</b>	196 LED	420W	68000lm	5000K
<b>1305W420.WF.5770.04</b>	196 LED	420W	71400lm	5700K
<b>1305W420.SWF.3070.04</b>	196 LED	420W	61400lm	3000K
<b>1305W420.SWF.4070.04</b>	196 LED	420W	64600lm	4000K
<b>1305W420.SWF.5070.04</b>	196 LED	420W	68000lm	5000K
<b>1305W420.SWF.5770.04</b>	196 LED	420W	71400lm	5700K
<b>1305W420.E.3070.04</b>	196 LED	420W	61400lm	3000K
<b>1305W420.E.4070.04</b>	196 LED	420W	64600lm	4000K
<b>1305W420.E.5070.04</b>	196 LED	420W	68000lm	5000K
<b>1305W420.E.5770.04</b>	196 LED	420W	71400lm	5700K
<b>1305W420.SPL.3070.04</b>	196 LED	420W	61400lm	3000K
<b>1305W420.SPL.4070.04</b>	196 LED	420W	64600lm	4000K
<b>1305W420.SPL.5070.04</b>	196 LED	420W	68000lm	5000K
<b>1305W420.SPL.5770.04</b>	196 LED	420W	71400lm	5700K

\*The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

Body colour grey ( 04 ) standard, black ( 03 ) and RAL optional

### FEATURES



### CONTROL



### COLOURS



### OPTIONAL ACCESSORIES

<b>+03002</b>	On/off
<b>+03010</b>	DALI dimmable

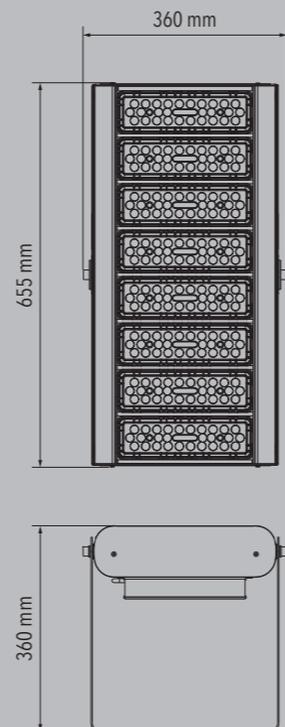
\*Example of complete code: **1305W420.M.3070.04+03002**



# FLEXI M8

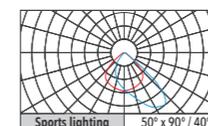
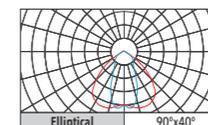
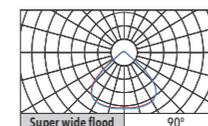
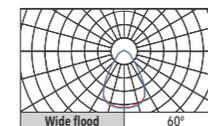
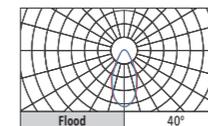
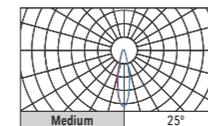


## LED LUMINAIRE FOR AREA FLOOD & SPORTS LIGHTING



### TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Extruded galvanized steel
Finishing process	Powder coated
Standard colour	Grey
Mounting type	Surface mounted
Adjustability	-65° ... +65°
Net weight	Approx. 13.1 kg
Protection class	IP66
Cover	N/A
Impact resistance	IK09
PHOTOMETRICAL DATA	
Light source type	8x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Symmetrical / Asymmetrical
Light distributions	Medium / flood / wide flood Super wide flood / elliptical Sports lighting
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	160 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	External LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	480W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Sports facilities, packing lots, billboards, industrial areas, logistics areas apron lighting, security lighting
Operating temperature	-40°C ... +45 °C
Operating humidity	10% ... 90%
Type of connection	Cable [ 3-pole ]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF



### PRODUCT CODES

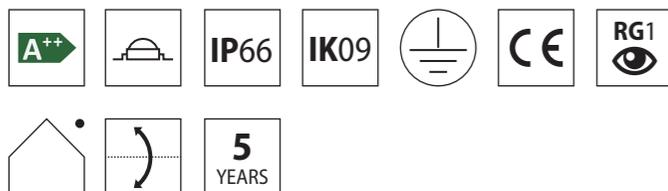


<b>1305W480.M.3070.04</b>	224 LED	480W	70100lm	3000K
<b>1305W480.M.4070.04</b>	224 LED	480W	73800lm	4000K
<b>1305W480.M.5070.04</b>	224 LED	480W	77700lm	5000K
<b>1305W480.M.5770.04</b>	224 LED	480W	81600lm	5700K
<b>1305W480.F.3070.04</b>	224 LED	480W	70100lm	3000K
<b>1305W480.F.4070.04</b>	224 LED	480W	73800lm	4000K
<b>1305W480.F.5070.04</b>	224 LED	480W	77700lm	5000K
<b>1305W480.F.5770.04</b>	224 LED	480W	81600lm	5700K
<b>1305W480.WF.3070.04</b>	224 LED	480W	70100lm	3000K
<b>1305W480.WF.4070.04</b>	224 LED	480W	73800lm	4000K
<b>1305W480.WF.5070.04</b>	224 LED	480W	77700lm	5000K
<b>1305W480.WF.5770.04</b>	224 LED	480W	81600lm	5700K
<b>1305W480.SWF.3070.04</b>	224 LED	480W	70100lm	3000K
<b>1305W480.SWF.4070.04</b>	224 LED	480W	73800lm	4000K
<b>1305W480.SWF.5070.04</b>	224 LED	480W	77700lm	5000K
<b>1305W480.SWF.5770.04</b>	224 LED	480W	81600lm	5700K
<b>1305W480.E.3070.04</b>	224 LED	480W	70100lm	3000K
<b>1305W480.E.4070.04</b>	224 LED	480W	73800lm	4000K
<b>1305W480.E.5070.04</b>	224 LED	480W	77700lm	5000K
<b>1305W480.E.5770.04</b>	224 LED	480W	81600lm	5700K
<b>1305W480.SPL.3070.04</b>	224 LED	480W	70100lm	3000K
<b>1305W480.SPL.4070.04</b>	224 LED	480W	73800lm	4000K
<b>1305W480.SPL.5070.04</b>	224 LED	480W	77700lm	5000K
<b>1305W480.SPL.5770.04</b>	224 LED	480W	81600lm	5700K

\*The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

Body colour grey ( 04 ) standard, black ( 03 ) and RAL optional

### FEATURES



### CONTROL



### COLOURS



### OPTIONAL ACCESSORIES

<b>+03002</b>	On/off
<b>+03010</b>	DALI dimmable

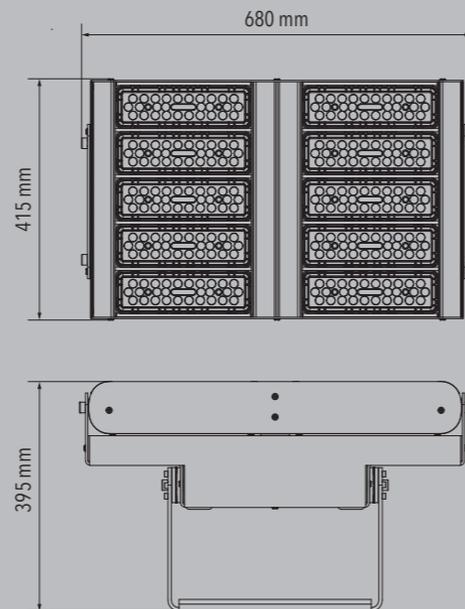
\*Example of complete code: **1305W480.M.3070.04+03002**



# FLEXI 2M5

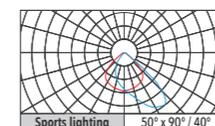
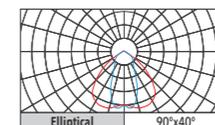
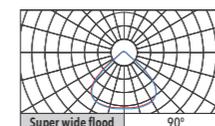
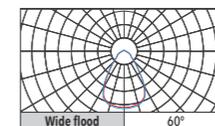
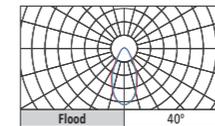
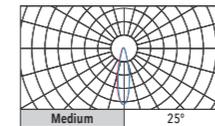


LED LUMINAIRE FOR  
AREA FLOOD & SPORTS LIGHTING



## TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Extruded galvanized steel
Finishing process	Powder coated
Standard colour	Grey
Mounting type	Surface mounted
Adjustability	-90° ... +90°
Net weight	Approx. 28.9 kg
Protection class	IP66
Cover	N/A
Impact resistance	IK09
PHOTOMETRICAL DATA	
Light source type	10x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Symmetrical / Asymmetrical
Light distributions	Medium / flood / wide flood Super wide flood / elliptical Sports lighting
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	160 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	External LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	600W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Sports facilities, packing lots, billboards, industrial areas, logistics areas apron lighting, security lighting
Operating temperature	-40°C ... +45 °C
Operating humidity	10% ... 90%
Type of connection	Cable [ 3-pole ]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF



## PRODUCT CODES

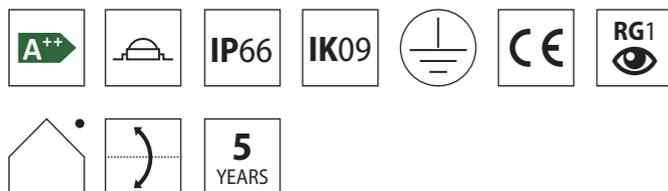


<b>1305W600.M.3070.04</b>	280 LED 600W 88200lm 3000K
<b>1305W600.M.4070.04</b>	280 LED 600W 92900lm 4000K
<b>1305W600.M.5070.04</b>	280 LED 600W 97800lm 5000K
<b>1305W600.M.5770.04</b>	280 LED 600W 102600lm 5700K
<b>1305W600.F.3070.04</b>	280 LED 600W 88200lm 3000K
<b>1305W600.F.4070.04</b>	280 LED 600W 92900lm 4000K
<b>1305W600.F.5070.04</b>	280 LED 600W 97800lm 5000K
<b>1305W600.F.5770.04</b>	280 LED 600W 102600lm 5700K
<b>1305W600.WF.3070.04</b>	280 LED 600W 88200lm 3000K
<b>1305W600.WF.4070.04</b>	280 LED 600W 92900lm 4000K
<b>1305W600.WF.5070.04</b>	280 LED 600W 97800lm 5000K
<b>1305W600.WF.5770.04</b>	280 LED 600W 102600lm 5700K
<b>1305W600.SWF.3070.04</b>	280 LED 600W 88200lm 3000K
<b>1305W600.SWF.4070.04</b>	280 LED 600W 92900lm 4000K
<b>1305W600.SWF.5070.04</b>	280 LED 600W 97800lm 5000K
<b>1305W600.SWF.5770.04</b>	280 LED 600W 102600lm 5700K
<b>1305W600.E.3070.04</b>	280 LED 600W 88200lm 3000K
<b>1305W600.E.4070.04</b>	280 LED 600W 92900lm 4000K
<b>1305W600.E.5070.04</b>	280 LED 600W 97800lm 5000K
<b>1305W600.E.5770.04</b>	280 LED 600W 102600lm 5700K
<b>1305W600.SPL.3070.04</b>	280 LED 600W 88200lm 3000K
<b>1305W600.SPL.4070.04</b>	280 LED 600W 92900lm 4000K
<b>1305W600.SPL.5070.04</b>	280 LED 600W 97800lm 5000K
<b>1305W600.SPL.5770.04</b>	280 LED 600W 102600lm 5700K

\*The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

Body colour grey ( 04 ) standard, black ( 03 ) and RAL optional

## FEATURES



## CONTROL



## COLOURS



## OPTIONAL ACCESSORIES

<b>+03002</b>	On/off
<b>+03010</b>	DALI dimmable

\*Example of complete code: **1305W600.M.3070.04+03002**

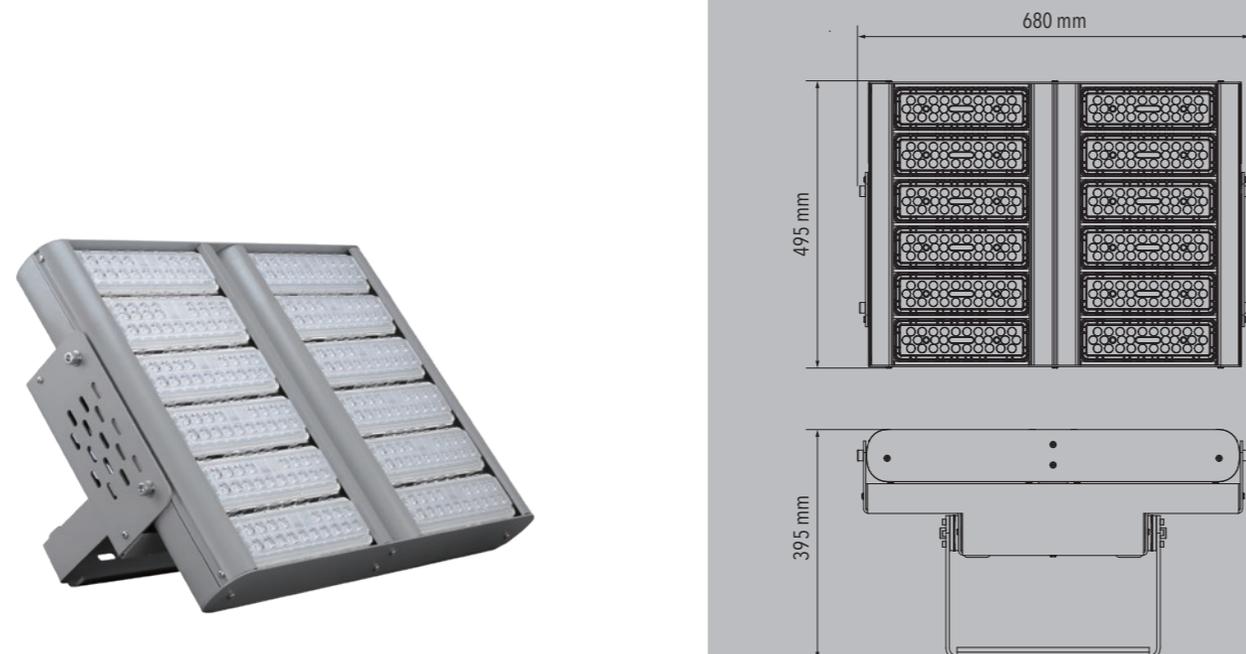




# FLEXI 2M6

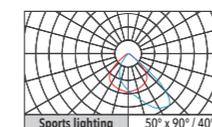
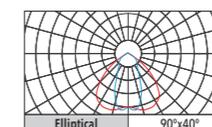
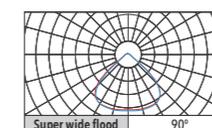
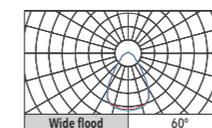
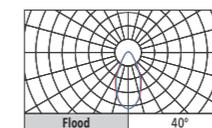
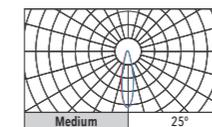


LED LUMINAIRE FOR  
AREA FLOOD & SPORTS LIGHTING



## TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Extruded galvanized steel
Finishing process	Powder coated
Standard colour	Grey
Mounting type	Surface mounted
Adjustability	-90° ... +90°
Net weight	Approx. 31.3 kg
Protection class	IP66
Cover	N/A
Impact resistance	IK09
PHOTOMETRICAL DATA	
Light source type	12x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Symmetrical / Asymmetrical
Light distributions	Medium / flood / wide flood Super wide flood / elliptical Sports lighting
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	160 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	External LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	720W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Sports facilities, packing lots, billboards, industrial areas, logistics areas apron lighting, security lighting
Operating temperature	-40°C ... +45 °C
Operating humidity	10% ... 90%
Type of connection	Cable [ 3-pole ]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF



## PRODUCT CODES



<b>1305W720.M.3070.04</b>	336 LED 720W 105200lm 3000K
<b>1305W720.M.4070.04</b>	336 LED 720W 110800lm 4000K
<b>1305W720.M.5070.04</b>	336 LED 720W 116600lm 5000K
<b>1305W720.M.5770.04</b>	336 LED 720W 122400lm 5700K

<b>1305W720.F.3070.04</b>	336 LED 720W 105200lm 3000K
<b>1305W720.F.4070.04</b>	336 LED 720W 110800lm 4000K
<b>1305W720.F.5070.04</b>	336 LED 720W 116600lm 5000K
<b>1305W720.F.5770.04</b>	336 LED 720W 122400lm 5700K

<b>1305W720.WF.3070.04</b>	336 LED 720W 105200lm 3000K
<b>1305W720.WF.4070.04</b>	336 LED 720W 110800lm 4000K
<b>1305W720.WF.5070.04</b>	336 LED 720W 116600lm 5000K
<b>1305W720.WF.5770.04</b>	336 LED 720W 122400lm 5700K

<b>1305W720.SWF.3070.04</b>	336 LED 720W 105200lm 3000K
<b>1305W720.SWF.4070.04</b>	336 LED 720W 110800lm 4000K
<b>1305W720.SWF.5070.04</b>	336 LED 720W 116600lm 5000K
<b>1305W720.SWF.5770.04</b>	336 LED 720W 122400lm 5700K

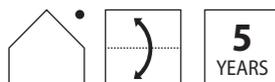
<b>1305W720.E.3070.04</b>	336 LED 720W 105200lm 3000K
<b>1305W720.E.4070.04</b>	336 LED 720W 110800lm 4000K
<b>1305W720.E.5070.04</b>	336 LED 720W 116600lm 5000K
<b>1305W720.E.5770.04</b>	336 LED 720W 122400lm 5700K

<b>1305W720.SPL.3070.04</b>	336 LED 720W 105200lm 3000K
<b>1305W720.SPL.4070.04</b>	336 LED 720W 110800lm 4000K
<b>1305W720.SPL.5070.04</b>	336 LED 720W 116600lm 5000K
<b>1305W720.SPL.5770.04</b>	336 LED 720W 122400lm 5700K

\*The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

Body colour grey ( 04 ) standard, black ( 03 ) and RAL optional

## FEATURES



## CONTROL



## COLOURS



## OPTIONAL ACCESSORIES

<b>+03002</b>	On/off
<b>+03010</b>	DALI dimmable

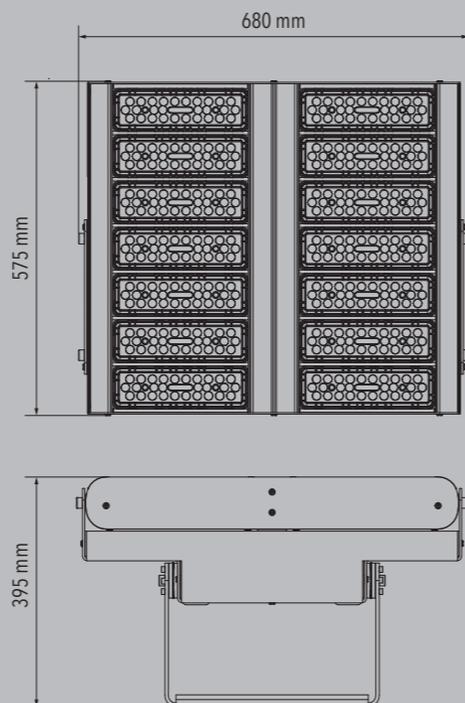
\*Example of complete code: **1305W720.M.3070.04+03002**



# FLEXI 2M7

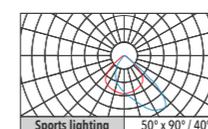
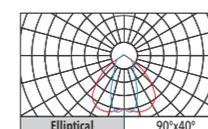
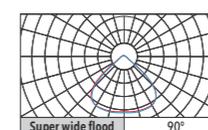
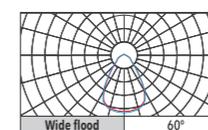
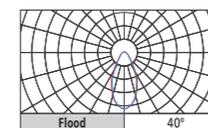
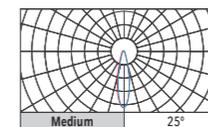


LED LUMINAIRE FOR  
AREA FLOOD & SPORTS LIGHTING



## TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Extruded galvanized steel
Finishing process	Powder coated
Standard colour	Grey
Mounting type	Surface mounted
Adjustability	-90° ... +90°
Net weight	Approx. 34.3 kg
Protection class	IP66
Cover	N/A
Impact resistance	IK09
PHOTOMETRICAL DATA	
Light source type	14x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Symmetrical / Asymmetrical
Light distributions	Medium / flood / wide flood Super wide flood / elliptical Sports lighting
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	160 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	External LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	840W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Sports facilities, packing lots, billboards, industrial areas, logistics areas apron lighting, security lighting
Operating temperature	-40°C ... +45 °C
Operating humidity	10% ... 90%
Type of connection	Cable [ 3-pole ]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF



## PRODUCT CODES



<b>1305W840.M.3070.04</b>	392 LED 840W 122800lm 3000K
<b>1305W840.M.4070.04</b>	392 LED 840W 129200lm 4000K
<b>1305W840.M.5070.04</b>	392 LED 840W 136000lm 5000K
<b>1305W840.M.5770.04</b>	392 LED 840W 142800lm 5700K

<b>1305W840.F.3070.04</b>	392 LED 840W 122800lm 3000K
<b>1305W840.F.4070.04</b>	392 LED 840W 129200lm 4000K
<b>1305W840.F.5070.04</b>	392 LED 840W 136000lm 5000K
<b>1305W840.F.5770.04</b>	392 LED 840W 142800lm 5700K

<b>1305W840.WF.3070.04</b>	392 LED 840W 122800lm 3000K
<b>1305W840.WF.4070.04</b>	392 LED 840W 129200lm 4000K
<b>1305W840.WF.5070.04</b>	392 LED 840W 136000lm 5000K
<b>1305W840.WF.5770.04</b>	392 LED 840W 142800lm 5700K

<b>1305W840.SWF.3070.04</b>	392 LED 840W 122800lm 3000K
<b>1305W840.SWF.4070.04</b>	392 LED 840W 129200lm 4000K
<b>1305W840.SWF.5070.04</b>	392 LED 840W 136000lm 5000K
<b>1305W840.SWF.5770.04</b>	392 LED 840W 142800lm 5700K

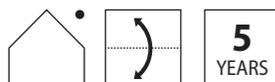
<b>1305W840.E.3070.04</b>	392 LED 840W 122800lm 3000K
<b>1305W840.E.4070.04</b>	392 LED 840W 129200lm 4000K
<b>1305W840.E.5070.04</b>	392 LED 840W 136000lm 5000K
<b>1305W840.E.5770.04</b>	392 LED 840W 142800lm 5700K

<b>1305W840.SPL.3070.04</b>	392 LED 840W 122800lm 3000K
<b>1305W840.SPL.4070.04</b>	392 LED 840W 129200lm 4000K
<b>1305W840.SPL.5070.04</b>	392 LED 840W 136000lm 5000K
<b>1305W840.SPL.5770.04</b>	392 LED 840W 142800lm 5700K

\*The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

Body colour grey ( 04 ) standard, black ( 03 ) and RAL optional

## FEATURES



## CONTROL



## COLOURS



## OPTIONAL ACCESSORIES

<b>+03002</b>	On/off
<b>+03010</b>	DALI dimmable

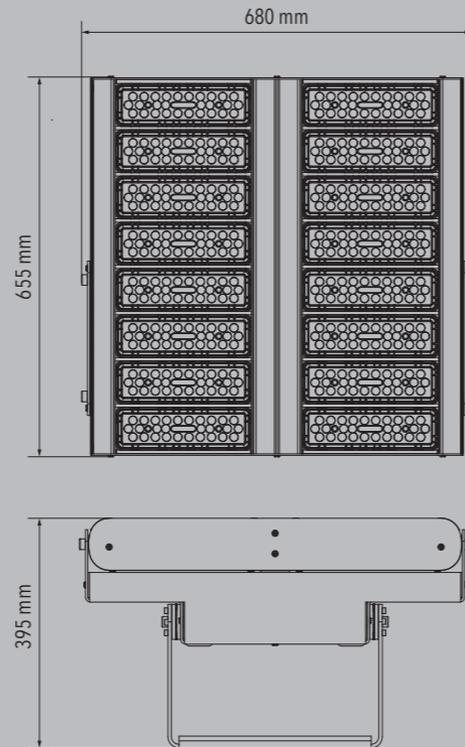
\*Example of complete code: **1305W840.M.3070.04+03002**



# FLEXI 2M8

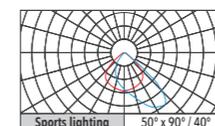
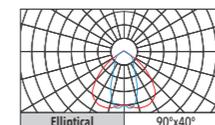
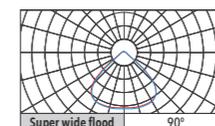
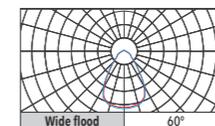
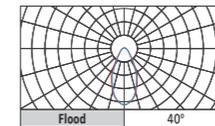
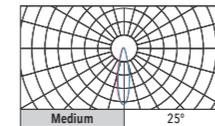


LED LUMINAIRE FOR  
AREA FLOOD & SPORTS LIGHTING



## TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Extruded galvanized steel
Finishing process	Powder coated
Standard colour	Grey
Mounting type	Surface mounted
Adjustability	-90° ... +90°
Net weight	Approx. 36.4 kg
Protection class	IP66
Cover	N/A
Impact resistance	IK09
PHOTOMETRICAL DATA	
Light source type	16x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Symmetrical / Asymmetrical
Light distributions	Medium / flood / wide flood Super wide flood / elliptical Sports lighting
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	160 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	External LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	960W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Sports facilities, packing lots, billboards, industrial areas, logistics areas apron lighting, security lighting
Operating temperature	-40°C ... +45 °C
Operating humidity	10% ... 90%
Type of connection	Cable [ 3-pole ]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF



## PRODUCT CODES

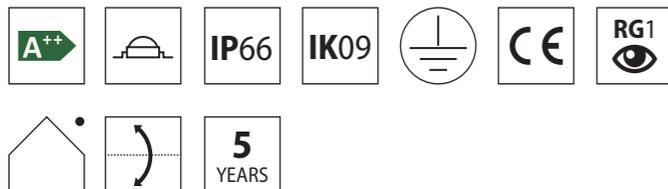


<b>1305W960.M.3070.04</b>	448 LED 960W 140300lm 3000K
<b>1305W960.M.4070.04</b>	448 LED 960W 147700lm 4000K
<b>1305W960.M.5070.04</b>	448 LED 960W 155500lm 5000K
<b>1305W960.M.5770.04</b>	448 LED 960W 163200lm 5700K
<b>1305W960.F.3070.04</b>	448 LED 960W 140300lm 3000K
<b>1305W960.F.4070.04</b>	448 LED 960W 147700lm 4000K
<b>1305W960.F.5070.04</b>	448 LED 960W 155500lm 5000K
<b>1305W960.F.5770.04</b>	448 LED 960W 163200lm 5700K
<b>1305W960.WF.3070.04</b>	448 LED 960W 140300lm 3000K
<b>1305W960.WF.4070.04</b>	448 LED 960W 147700lm 4000K
<b>1305W960.WF.5070.04</b>	448 LED 960W 155500lm 5000K
<b>1305W960.WF.5770.04</b>	448 LED 960W 163200lm 5700K
<b>1305W960.SWF.3070.04</b>	448 LED 960W 140300lm 3000K
<b>1305W960.SWF.4070.04</b>	448 LED 960W 147700lm 4000K
<b>1305W960.SWF.5070.04</b>	448 LED 960W 155500lm 5000K
<b>1305W960.SWF.5770.04</b>	448 LED 960W 163200lm 5700K
<b>1305W960.E.3070.04</b>	448 LED 960W 140300lm 3000K
<b>1305W960.E.4070.04</b>	448 LED 960W 147700lm 4000K
<b>1305W960.E.5070.04</b>	448 LED 960W 155500lm 5000K
<b>1305W960.E.5770.04</b>	448 LED 960W 163200lm 5700K
<b>1305W960.SPL.3070.04</b>	448 LED 960W 140300lm 3000K
<b>1305W960.SPL.4070.04</b>	448 LED 960W 147700lm 4000K
<b>1305W960.SPL.5070.04</b>	448 LED 960W 155500lm 5000K
<b>1305W960.SPL.5770.04</b>	448 LED 960W 163200lm 5700K

\*The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

Body colour grey ( 04 ) standard, black ( 03 ) and RAL optional

## FEATURES



## CONTROL



## COLOURS



## OPTIONAL ACCESSORIES

<b>+03002</b>	On/off
<b>+03010</b>	DALI dimmable

\* Example of complete code: **1305W960.M.3070.04+03002**





+ 150 lm/W



# ZEUS PRO

LED LUMINAIRE FOR LARGE SCALE OUTDOOR FACILITIES. EACH HEAD CAN BE TILTED SEPARATELY. PURE MODULARITY WITH PRECISION AND UNIFORM LIGHT DISTRIBUTION.

# PRECISION DISTRIBUTION



## OPTICAL ACCESSORY

The luminaire can be supplied with anti-glare visor as optional accessory for reduced light glare.



## LIGHT SOURCE

Modular light source with high power LEDs, the LED modules are made of quality polycarbonate lenses and massive aluminum cooling fins, guarantees professional light distributions and thermal management. Tool-less replaceable modules, quick and easy to onsite maintain. Available in a wide range of optics improve the necessary flexibility to meet different lighting requirements.



## HOUSING

The luminaire body is made of die-cast aluminum, with powder coated finishing for harsh outdoor environments. Effective thermal management and high protection level. Well structure design avoid ponding and dirt retention over time.



## DUAL ADJUSTMENT

Dual-adjustment, the installation bracket is available in  $-40^{\circ}$  ...  $+90^{\circ}$  tilt, optical assembly is available in individually  $-15^{\circ}$  ...  $+15^{\circ}$  tilt, it significantly improves the illuminance precision.

## SERIES ZEUS PRO

LED MODULES	2 ... 6
POWER	500 ... 1500
LUMINOUS FLUX	56400 ... 196000



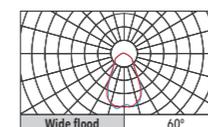
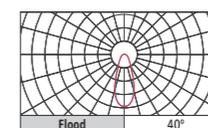
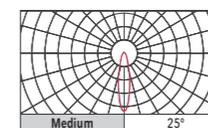
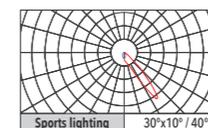
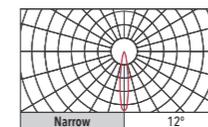
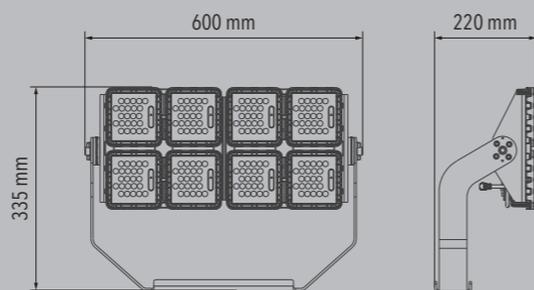
# ZEUS PRO M2



LED LUMINAIRE FOR SPORTS & AREA FLOOD LIGHTING

## TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Die-cast aluminum
Finishing process	Powder coated
Standard colour	Black
Mounting type	Surface mounted
Adjustability	-40° ... +90° / -15° ... +15° [ in 5° step ]
Net weight	Approx. 13.0 kg
Protection class	IP66
Cover	N/A
Impact resistance	IK09
PHOTOMETRICAL DATA	
Light source type	2x LED modules with 3535 / 5050 LED
Optic material	Polycarbonate lens
Optic type	Symmetrical / Asymmetrical
Light distributions	Narrow / medium / flood Wide flood / Sports lighting
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	150 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	External LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	500W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Sports facilities and arenas apron lighting, large scale logistics areas stadiums and racing tracks
Operating temperature	-40°C ... +40°C
Operating humidity	10% ... 90%
Type of connection	Cable [ 3-pole ]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF



## PRODUCT CODES



<b>1306W500.N.3070.03</b>	192 LED	500W	56400lm	3000K
<b>1306W500.N.4070.03</b>	192 LED	500W	59300lm	4000K
<b>1306W500.N.5070.03</b>	192 LED	500W	62500lm	5000K
<b>1306W500.N.5770.03</b>	192 LED	500W	65600lm	5700K

\* LED TYPE: 3535

<b>1306W500.SPL.3070.03</b>	192 LED	500W	56400lm	3000K
<b>1306W500.SPL.4070.03</b>	192 LED	500W	59300lm	4000K
<b>1306W500.SPL.5070.03</b>	192 LED	500W	62500lm	5000K
<b>1306W500.SPL.5770.03</b>	192 LED	500W	65600lm	5700K

\* LED TYPE: 3535

<b>1306W500.M.3070.03</b>	192 LED	500W	65400lm	3000K
<b>1306W500.M.4070.03</b>	192 LED	500W	68800lm	4000K
<b>1306W500.M.5070.03</b>	192 LED	500W	72500lm	5000K
<b>1306W500.M.5770.03</b>	192 LED	500W	76000lm	5700K

\* LED TYPE: 5050

<b>1306W500.F.3070.03</b>	192 LED	500W	65400lm	3000K
<b>1306W500.F.4070.03</b>	192 LED	500W	68800lm	4000K
<b>1306W500.F.5070.03</b>	192 LED	500W	72500lm	5000K
<b>1306W500.F.5770.03</b>	192 LED	500W	76000lm	5700K

\* LED TYPE: 5050

<b>1306W500.WF.3070.03</b>	192 LED	500W	65400lm	3000K
<b>1306W500.WF.4070.03</b>	192 LED	500W	68800lm	4000K
<b>1306W500.WF.5070.03</b>	192 LED	500W	72500lm	5000K
<b>1306W500.WF.5770.03</b>	192 LED	500W	76000lm	5700K

\* LED TYPE: 5050

\*The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

The luminaires are supplied with pre-fixed drivers on the luminaire, remote driver boxes that separate for use at a distance from the luminaire are available on request

Body colour black ( 03 ) standard, grey ( 04 ) and RAL optional

## OPTIONAL ACCESSORIES

**+00501** Anti-glare visor

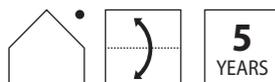


## OPTIONAL ACCESSORIES

**+00505** Laser pointer armed forces



## FEATURES



## CONTROL



## COLOURS



## OPTIONAL ACCESSORIES

**+03002** On/off  
**+03010** DALI dimmable

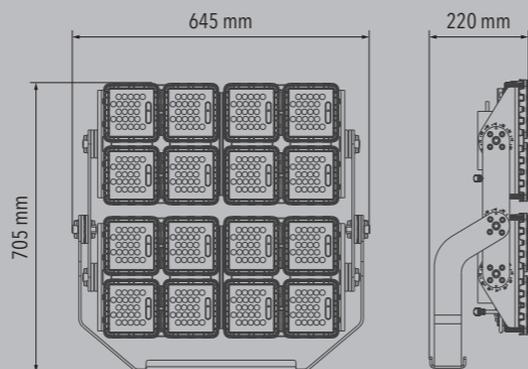
\* Example of complete code: 1306W500.N.3070.03+03002



# ZEUS PRO 2M2

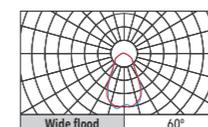
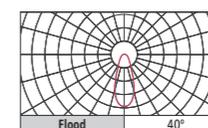
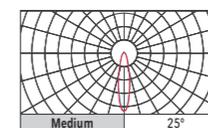
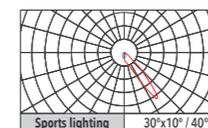
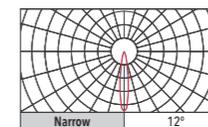


LED LUMINAIRE FOR SPORTS & AREA FLOOD LIGHTING



## TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Die-cast aluminum
Finishing process	Powder coated
Standard colour	Black
Mounting type	Surface mounted
Adjustability	-40° ... +90° / -15° ... +15° [ in 5° step ]
Net weight	Approx. 26.1 kg
Protection class	IP66
Cover	N/A
Impact resistance	IK09
PHOTOMETRICAL DATA	
Light source type	4x LED modules with 3535 / 5050 LED
Optic material	Polycarbonate lens
Optic type	Symmetrical / Asymmetrical
Light distributions	Narrow / medium / flood Wide flood / Sports lighting
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	150 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	External LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	1000W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Sports facilities and arenas apron lighting, large scale logistics areas stadiums and racing tracks
Operating temperature	-40°C ... +40°C
Operating humidity	10% ... 90%
Type of connection	Cable [ 3-pole ]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF



## PRODUCT CODES



**1306W1000.N.3070.03** 384 LED 1000W 112000lm 3000K  
**1306W1000.N.4070.03** 384 LED 1000W 118000lm 4000K  
**1306W1000.N.5070.03** 384 LED 1000W 125000lm 5000K  
**1306W1000.N.5770.03** 384 LED 1000W 131000lm 5700K  
 \* LED TYPE: 3535

**1306W1000.SPL.3070.03** 384 LED 1000W 112000lm 3000K  
**1306W1000.SPL.4070.03** 384 LED 1000W 118000lm 4000K  
**1306W1000.SPL.5070.03** 384 LED 1000W 125000lm 5000K  
**1306W1000.SPL.5770.03** 384 LED 1000W 131000lm 5700K  
 \* LED TYPE: 3535

**1306W1000.M.3070.03** 384 LED 1000W 131000lm 3000K  
**1306W1000.M.4070.03** 384 LED 1000W 137000lm 4000K  
**1306W1000.M.5070.03** 384 LED 1000W 145000lm 5000K  
**1306W1000.M.5770.03** 384 LED 1000W 152000lm 5700K  
 \* LED TYPE: 5050

**1306W1000.F.3070.03** 384 LED 1000W 131000lm 3000K  
**1306W1000.F.4070.03** 384 LED 1000W 137000lm 4000K  
**1306W1000.F.5070.03** 384 LED 1000W 145000lm 5000K  
**1306W1000.F.5770.03** 384 LED 1000W 152000lm 5700K  
 \* LED TYPE: 5050

**1306W1000.WF.3070.03** 384 LED 1000W 131000lm 3000K  
**1306W1000.WF.4070.03** 384 LED 1000W 137000lm 4000K  
**1306W1000.WF.5070.03** 384 LED 1000W 145000lm 5000K  
**1306W1000.WF.5770.03** 384 LED 1000W 152000lm 5700K  
 \* LED TYPE: 5050

\*The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

The luminaires are supplied with pre-fixed drivers on the luminaire, remote driver boxes that separate for use at a distance from the luminaire are available on request

Body colour black ( 03 ) standard, grey ( 04 ) and RAL optional

## OPTIONAL ACCESSORIES

**+00501** Anti-glare visor



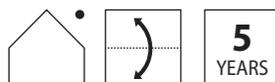
## OPTIONAL ACCESSORIES

**+00505** Laser pointer armed forces



\* Example of complete code: **1306W1000.N.3070.03+03002**

## FEATURES



## CONTROL



## COLOURS



## OPTIONAL ACCESSORIES

**+03002** On/off  
**+03010** DALI dimmable

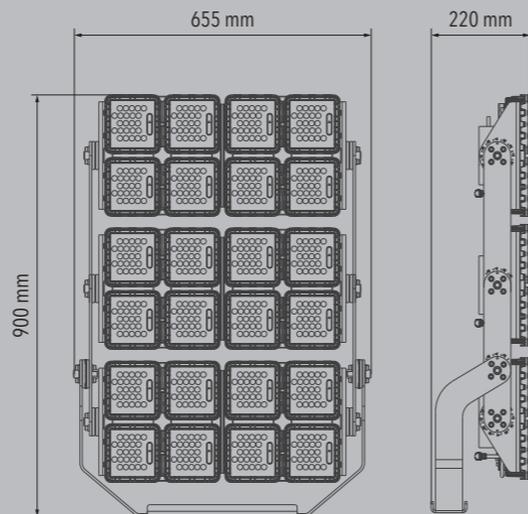




# ZEUS PRO 3M2

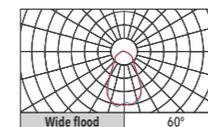
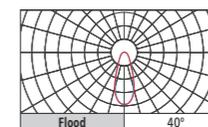
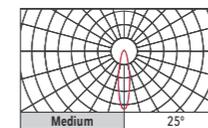
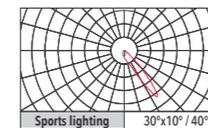
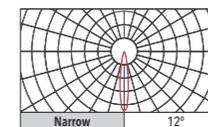


LED LUMINAIRE FOR  
SPORTS & AREA FLOOD LIGHTING



## TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Die-cast aluminum
Finishing process	Powder coated
Standard colour	Black
Mounting type	Surface mounted
Adjustability	-40° ... +90° / -15° ... +15° [ in 5° step ]
Net weight	Approx. 40.0 kg
Protection class	IP66
Cover	N/A
Impact resistance	IK09
PHOTOMETRICAL DATA	
Light source type	6x LED modules with 3535 / 5050 LED
Optic material	Polycarbonate lens
Optic type	Symmetrical / Asymmetrical
Light distributions	Narrow / medium / flood Wide flood / Sports lighting
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	150 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	External LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	1500W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Sports facilities and arenas apron lighting, large scale logistics areas stadiums and racing tracks
Operating temperature	-40°C ... +40°C
Operating humidity	10% ... 90%
Type of connection	Cable [ 3-pole ]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF



## PRODUCT CODES

**1306W1500.N.3070.03** 576 LED 1500W 169000lm 3000K  
**1306W1500.N.4070.03** 576 LED 1500W 178000lm 4000K  
**1306W1500.N.5070.03** 576 LED 1500W 187000lm 5000K  
**1306W1500.N.5770.03** 576 LED 1500W 196000lm 5700K  
 \* LED TYPE: 3535

**1306W1500.SPL.3070.03** 576 LED 1500W 169000lm 3000K  
**1306W1500.SPL.4070.03** 576 LED 1500W 178000lm 4000K  
**1306W1500.SPL.5070.03** 576 LED 1500W 187000lm 5000K  
**1306W1500.SPL.5770.03** 576 LED 1500W 196000lm 5700K  
 \* LED TYPE: 3535

**1306W1500.M.3070.03** 576 LED 1500W 196000lm 3000K  
**1306W1500.M.4070.03** 576 LED 1500W 206000lm 4000K  
**1306W1500.M.5070.03** 576 LED 1500W 217000lm 5000K  
**1306W1500.M.5770.03** 576 LED 1500W 228000lm 5700K  
 \* LED TYPE: 5050

**1306W1500.F.3070.03** 576 LED 1500W 196000lm 3000K  
**1306W1500.F.4070.03** 576 LED 1500W 206000lm 4000K  
**1306W1500.F.5070.03** 576 LED 1500W 217000lm 5000K  
**1306W1500.F.5770.03** 576 LED 1500W 228000lm 5700K  
 \* LED TYPE: 5050

**1306W1500.WF.3070.03** 576 LED 1500W 196000lm 3000K  
**1306W1500.WF.4070.03** 576 LED 1500W 206000lm 4000K  
**1306W1500.WF.5070.03** 576 LED 1500W 217000lm 5000K  
**1306W1500.WF.5770.03** 576 LED 1500W 228000lm 5700K  
 \* LED TYPE: 5050

\*The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

The luminaires are supplied with pre-fixed drivers on the luminaire, remote driver boxes that separate for use at a distance from the luminaire are available on request

Body colour black ( 03 ) standard, grey ( 04 ) and RAL optional

## OPTIONAL ACCESSORIES

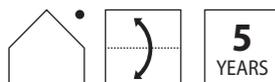
**+00501** Anti-glare visor

## OPTIONAL ACCESSORIES

**+00505** Laser pointer armed forces

\* Example of complete code: **1306W1500.N.3070.03+03002**

## FEATURES



## CONTROL



## COLOURS



## OPTIONAL ACCESSORIES

**+03002** On/off  
**+03010** DALI dimmable





**1. DAOU LIGHTING LUMINAIRE WARRANTY**

Haining DAOU Lighting Co.,Ltd. , referred to herein as " DAOU ", warrants its products to be free from defects of material and workmanship for a period of five ( 5 ) years for DAOU technical LED luminaires, DAOU will under Warranty obligation, repair or replace defective part / product at their discretion.

**The Warranty only applies to the Products subject to the following cumulative conditions:**

- the Product has been used in accordance with the given Product and application specifications (data sheets) and has been installed and put into service in a professional manner (according to the installation instructions enclosed with the Product or upon request from DAOU );
- temperature and voltage limits must not be exceeded;
- the Product must not be exposed to any mechanical stresses and strains that are not in accordance with its intended purpose and/or chemical environment;
- the Customer has duly paid for the Product in compliance with the payment terms agreed in the sales agreement;
- the defect, once it has been duly specified and its nature and scale have been duly shown by the Customer, is reported in writing to DAOU within thirty ( 30 ) days from its discovery;
- the Product must not have been modified or altered;
- the Product has been installed by a professional qualified installer; and the Product has been installed with a compatible control system where applicable.

This Warranty does not apply to any Product or part that has been subject to misuse, negligence, accident, use outside of Product design intent, or attempted repair/modification by anyone other than DAOU. DAOU's sole liability for defects or breach of Warranty shall be replacement of the parts involved, and, in no event will DAOU be liable for special or consequential damages or losses including property damage or other loss as related directly or indirectly to the use of DAOU luminaire. In no event is DAOU liable for consequential damages or personal injury caused by installation and transportation or negligence during installation and transportation or adjustment. DAOU claims no liability for the cost of installation or any other cost incurred during the use of Products manufactured by DAOU. No representative is authorized to assume additional liability for DAOU.

**Definition of Defects:**

LED defects including over 5% of LEDs failed or burn out, loose, broken, un-workable PC board etc. Technical and material, workmanship of the Product can be considered defects under this Warranty obligation. Driver defects including functional problems, power factor etc. which affect the solid function of the Product will be considered as defects under this Warranty obligation.

**2. HOW TO MAKE A WARRANTY CLAIM**

To make a Warranty claim, the Customer shall notify and return the defective Product to DAOU. All claims must be made in writing by email to the customer service department of DAOU within 30 days after discovery.

The Customer will be required to provide a documented record of the installation date, and installation location of the Product and the claimed failure. Furthermore, receipt, invoice or other proof of purchase will be requested to accredit the Product purchase and date.

DAOU reserves and has the right to examine the Product to determine the cause of failure and patterns of usage. If, for any reason, the defective Product cannot be returned, DAOU may require that one of its staffs be given access to the installation in order to, carry out the necessary quality inspections to determine the claimed failure cause. Alternatively, and in order to help DAOU determine whether the Warranty applies, DAOU reserves the right to request that its Customer provide their incident log book showing proven defects on the basis of which they wish the Warranty to apply or any other elements that would support their Warranty claim.

If the above mentioned documents, information and access provided by the Customer are not sufficient to enable DAOU to confirm the validity of the Warranty claim, DAOU reserves the right to ask the Customer to provide additional documents, information and access or anything else as may be required by DAOU.

**3. IMPLEMENTATION OF THE WARRANTY**

When a Warranty claim is justified, DAOU will, at its discretion, repair or replace only the defective Product or reimburse the Customer the Product purchase cost.

The replacement Product will offer the same specifications as the original Product wherever possible. In case the defective Product is no longer available in DAOU's range, it will be replaced by the most similar product. Replaced Products or replaced parts of the Product shall be covered under the initial Warranty for the remainder of the applicable warranty period for the Product that is replaced.

All returns must be factory authorized and DAOU must issue a Return Material Authorization (RMA), prior to shipping. Returns will be shipped at Customer's expense. DAOU will bear expenses for the shipment of the replacement Product. In no case will DAOU be liable for any costs incurred by the removal of the defective Product and reinstallation of the repaired or replacement Product (or any labour costs).

If DAOU finds the product working properly, Customer may be billed for testing, repackaging, and shipping. If Warranty has expired, DAOU will provide a quote to repair prior to making any such repairs.

**4. EXCLUSIONS**

This Warranty does NOT cover the following:

- Defective Product caused by modifications, alterations, drop, abuse, misuse, abnormal use or acts of God;
- Costs or expenses made for removal or re-installation of the Products;
- Sample Products;
- Failure caused by fire, flood or lightning strike of the installation;
- Consequential damages (such as but not limited to loss of revenue/profits or damage to property).

**5. GENERAL TERMS**

This Warranty policy is a standard application of DAOU. No other third party (including any agents, distributors or sales representatives) is authorized to make any representations or warranties that are different from this Warranty Policy. Unless otherwise confirmed by DAOU in written forms of contract or other documents, any Warranty clauses that conflict with this Warranty Policy shall be deemed to be automatically invalid. Final power of interpretation of this Warranty policy shall be vested in DAOU.

For pricing information on out of Warranty repair, contact DAOU customer service by writing to service@daoultd.com. No other warranties are implied and there are no warranties extended beyond those stated here in.





# DAOU®

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We reserve the right to amend all the technical specifications of the luminaires at any time and without prior notice, depending on the progress of research and product development  
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