DAOU®

PRODUCT DATASHEET

ARKOS `0820W100`

Architectural LED floodlight for outdoor applications

Technical Features

Power	100W
Input voltage	AC100-240V
Insulation class	I
Delivered flux	4,500 lm ±10%
Light distribution type	symmetrical / elliptical
Beam angle	9°, 15°, 20°, 30°, 45° / 15°x60°
Light colour / CCT	RGBW
CRI	-
Source type	LED (4-IN-1)
LED number	16
MacAdam step	-
Power supply	Built-in
Control	DMX512
Protection index	IP66
Impact resistance	IK08
Lifetime	50,000 hours Ta=25°C

Construction

Fluorocarbonate powder painted die-cast aluminum body, tempered glass cover, polycarbonate optical lenses.

Temperature Limits

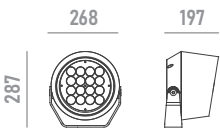|	
Ambient operating temperature	from -20°C to +50°C
Storage temperature	from -40°C to +70°C
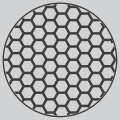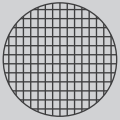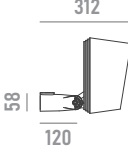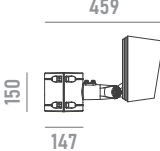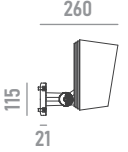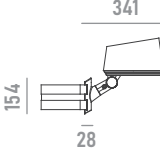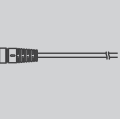
Installation

Surface mounted with adjustable base.

Finish Colours

RAL9023 as standard colour, other RAL colours on request.

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260   **275**

303

5.1 KG

CE | IP66

Wiring

Power input cable OPEN END 500mm
DMX input cable MALE connector 500mm
DMX output cable FEMALE connector 500mm

brown:	L
blue:	N
green/yellow:	⏚

red:	DMX +
blue:	DMX -
green/yellow:	⏚
black:	Address

Optional Accessories

built-in anti-glare accessory for improved visual comfort *can not be ordered separately		honeycomb

anti-glare accessory for improved visual comfort
*can not be ordered separately

anti-glare glass

mounting accessory
*can not be ordered separately

268   197

287

U-bracket

mounting accessory for Ø 48mm poles
*can not be ordered separately

312

58
120

pole adapter

mounting accessory for Ø 114mm poles
*can not be ordered separately

459

150
147

pole clamp

mounting accessory for Ø 67~325mm T>=4 poles
*can not be ordered separately

260

115
21

pole plate

mounting accessory for Ø 168~268mm trees
*can not be ordered separately

341

154
28

strap

with female 4-pin waterproof connector for DMX
* specify cable length to complete order

leader cable

with male and female 4-pin waterproof connector for DMX
* specify cable length to complete order

extension cable

Ordering Information

<div align="right">example: **0820W100.0009.4130K.01+A1**</div>

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product	beam angle		light colour / CCT		finish colour		accessory	
ARKOS 100W	**0009**	9°	**4130K**	RGB+3000K	**01**	RAL9023	**A1**	honeycomb
	0015	15°	**4140K**	RGB+4000K			**A2**	anti-glare glass
	0020	20°					**A3**	U-bracket
	0030	30°					**A4**	pole adapter
	0045	45°					**A5**	pole clamp
	1560	15°x60°					**A6**	pole plate
							A7	strap
							LC4	leader cable
							EC4	extension cable