

## PRODUCT DATASHEET

Last information update: May 2023



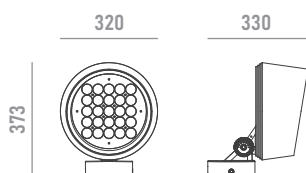
### ARKOS

0820W120

Architectural LED floodlight for outdoor applications

#### Technical Features

|                         |  |
|-------------------------|--|
| Power                   | 120W   |
| Input voltage           | AC100-240V                                     |
| Insulation class        | I  |
| Delivered flux          | 9,600 lm ±10%                                  |
| Light distribution type | symmetrical / elliptical                       |
| Beam angle              | 6°, 12°, 20°, 30°, 45°, 60°<br>5°x20°, 10°x70° |
| Light colour / CCT      | 2700K, 3000K, 4000K                            |
| CRI                     | 80   |
| Source type             | LED  |
| LED number              | 25   |
| MacAdam step            | 5  |
| Power supply            | Built-in                                       |
| Control                 | ON/OFF   |
| 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

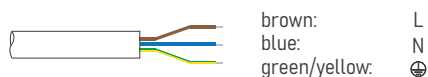
Surface mounted with adjustable base.

#### Finish Colours

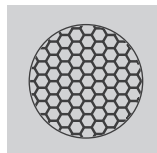
RAL9023 as standard colour, other RAL colours on request.

#### Wiring

Power input cable OPEN END 500mm

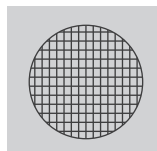


Optional Accessories



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



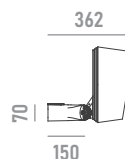
mounting accessory  
\*can not be ordered separately



U-bracket



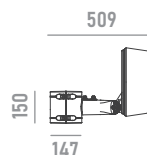
mounting accessory for Ø 48mm poles  
\*can not be ordered separately



pole adapter



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



pole clamp

Ordering Information

example: 0820W120.0006.2780.01+A1

0820W120 · [ ] · [ ] · [ ] + [ ]

| product    | beam angle          | light colour / CCT     | finish colour     | accessory                  |
|------------|---------------------|------------------------|-------------------|----------------------------|
| ARKOS 120W | <b>0006</b> 6°      | <b>2780</b> 2700K RA80 | <b>01</b> RAL9023 | <b>A1</b> honeycomb        |
|            | <b>0012</b> 12°     | <b>3080</b> 3000K RA80 |                   | <b>A2</b> anti-glare glass |
|            | <b>0020</b> 20°     | <b>4080</b> 4000K RA80 |                   | <b>A3</b> U-bracket        |
|            | <b>0030</b> 30°     |                        |                   | <b>A4</b> pole adapter     |
|            | <b>0045</b> 45°     |                        |                   | <b>A5</b> pole clamp       |
|            | <b>0060</b> 60°     |                        |                   |                            |
|            | <b>0520</b> 5°x20°  |                        |                   |                            |
|            | <b>1070</b> 10°x70° |                        |                   |                            |