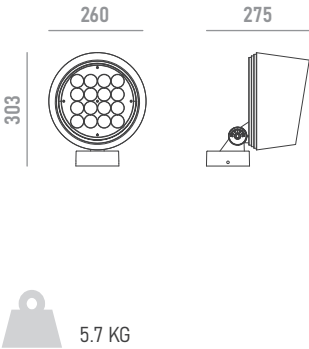


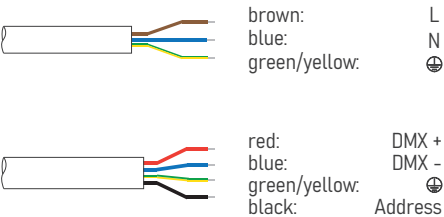
PRODUCT DATASHEET

Last information update: Feb. 2025



Wiring

Power input cable OPEN END 1,000 mm
 DMX input cable MALE connector 1,000 mm
 DMX output cable FEMALE connector 1,000 mm



ARKOS-16

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 (built-in DMX decoder)
Protection index	IP66
Impact resistance	IK08
Lifetime	50,000 hours Ta=25°C

Construction

High weather-resistant fluorocarbon 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

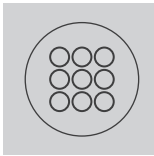
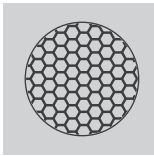
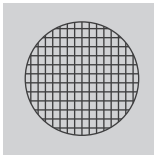
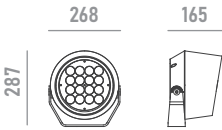
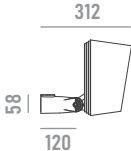
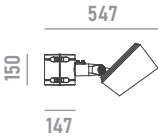
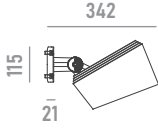
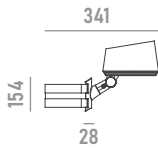
Installation

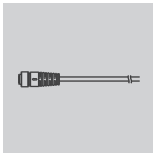
Surface mounted with adjustable base (standard).

Finish Colours

RAL9023 Pearl Dark Grey (standard). Other RAL colours on request.

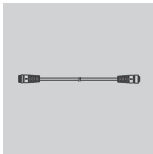
Optional Accessories

	anti-glare grille (for models with optics <= 30°) *can not be ordered separately		A01
	honeycomb louvre *can not be ordered separately		A02
	anti-glare glass *can not be ordered separately		A04
	U-bracket *can not be ordered separately		A11
	pole adapter (for Φ48mm poles) *can not be ordered separately		A12
	pole clamp (for Φ114mm poles) *can not be ordered separately		A13
	pole plate (for Φ67~325mm T>=4 poles) *can not be ordered separately		A14
	strap (for Φ168~268mm trees) *can not be ordered separately		A15



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

LC4



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

EC4

Ordering Information

example: 0820W100.0009.4130K.01+A01

0820W100 · · · +

product	beam angle		light colour / CCT		finish colour	accessory	
ARKOS-16-100W	0009	9°	4130K	RGB+3000K	01 RAL9023	A01	anti-glare grille
	0015	15°	4140K	RGB+4000K		A02	honeycomb louvre
	0020	20°				A04	anti-glare glass
	0030	30°				A11	U-bracket
	0045	45°				A12	pole adapter
	1560	15°x60°				A13	pole clamp
						A14	pole plate
						A15	strap
						LC4	leader cable
						EC4	extension cable