

PRODUCT DATASHEET

Last information update: Feb. 2025



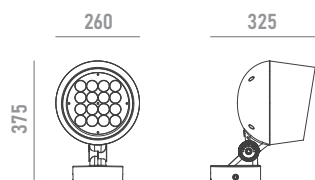
ARKOS PRO -16

0826W100

Architectural LED floodlight for outdoor applications

Technical Features

Power	100W
Input voltage	AC100-240V
Insulation class	I
Delivered flux	8,000 lm ±10%
Light distribution type	Symmetrical / elliptical
Beam angle	6°, 12°, 20°, 30°, 45°, 60° / 10°x70°
Light colour / CCT	2700K, 3000K, 4000K
CRI	80
Source type	LED
LED number	16
MacAdam step	5
Power supply	Built-in
Control	ON/OFF
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

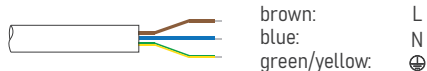
Surface mounted with adjustable base (standard).

Finish Colours

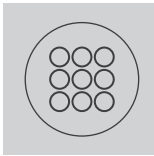
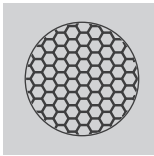
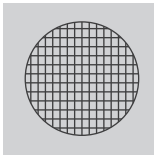
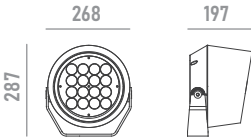
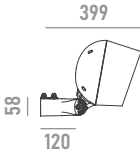
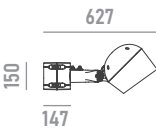
RAL9023 Pearl Dark Grey (standard). Other RAL colours on request.

Wiring

Power input cable OPEN END 1,000 mm



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

Ordering Information

example: 0826W100.0006.2780.01+A01

0826W100 · · · +

product	beam angle		light colour / CCT		finish colour		accessory	
ARKOS PRO -16 100W	0006	6°	2780	2700K RA80	01	RAL9023	A01	anti-glare grille
	0012	12°	3080	3000K RA80			A02	honeycomb louvre
	0020	20°	4080	4000K RA80			A04	anti-glare glass
	0030	30°					A11	U-bracket
	0045	45°					A12	pole adapter
	0060	60°					A13	pole clamp
	1070	10°x70°						