

PRODUCT DATASHEET

Last information update: Feb. 2025



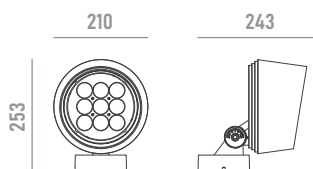
ARKOS-9

0820W45

Architectural LED floodlight for outdoor applications

Technical Features

Power	45W
Input voltage	AC100-240V
Insulation class	I
Delivered flux	2,250 lm ±10%
Light distribution type	Symmetrical
Beam angle	Ultra spot 3°
Light colour / CCT	2700K, 3000K, 4000K
CRI	80
Source type	LED
LED number	9
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

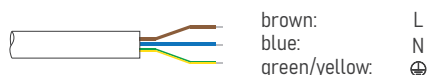
Surface mounted with adjustable base (standard).

Finish Colours

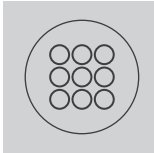
RAL9023 Pearl Dark Grey (standard). Other RAL colours on request.

Wiring

Power input cable OPEN END 1,000 mm

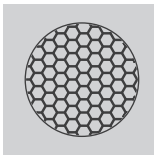


Optional Accessories



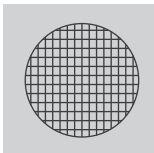
anti-glare grille (for models with optics <= 30°)
*can not be ordered separately

A01



honeycomb louvre
*can not be ordered separately

A02

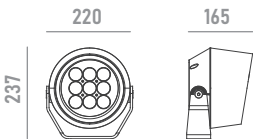


anti-glare glass
*can not be ordered separately

A04



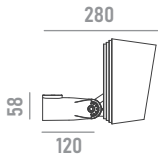
U-bracket
*can not be ordered separately



A11



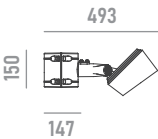
pole adapter (for $\Phi 48$ mm poles)
*can not be ordered separately



A12



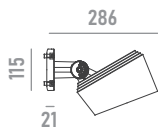
pole clamp (for $\Phi 114$ mm poles)
*can not be ordered separately



A13



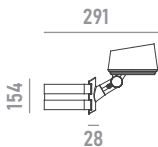
pole plate (for $\Phi 67\sim 325$ mm $T\geq 4$ poles)
*can not be ordered separately



A14



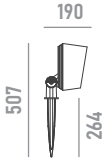
strap (for $\Phi 168\sim 268$ mm trees)
*can not be ordered separately



A15



spike
*can not be ordered separately



A16

Ordering Information

example: 0820W45.0003.2780.01+A01

0820W45 · · · +

product	beam angle	light colour / CCT	finish colour	accessory
ARKOS-9-45W ultra spot	0003 3°	2780 2700K RA80	01 RAL9023	A01 anti-glare grille
		3080 3000K RA80		A02 honeycomb louvre
		4080 4000K RA80		A04 anti-glare glass
				A11 U-bracket
				A12 pole adapter
				A13 pole clamp
				A14 pole plate
				A15 strap
				A16 spike