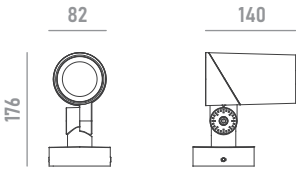


PRODUCT DATASHEET

Last information update: Feb. 2025



SERRA-1

0811W12

Architectural LED floodlight for outdoor applications

Technical Features

Power	12W
Input voltage	DC24V (constant voltage)
Insulation class	III
Delivered flux	540 lm ±10%
Light distribution type	Symmetrical / elliptical
Beam angle	8°, 25° / 10°x45°
Light colour / CCT	RGBW
CRI	-
Source type	LED (4-IN-1)
LED number	1
MacAdam step	-
Power supply	Not included
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

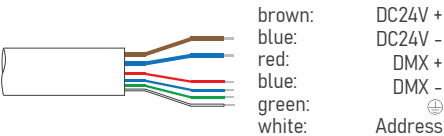
Surface mounted with adjustable base (standard).

Finish Colours

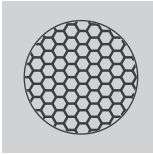
RAL9023 Pearl Dark Grey (standard). Other RAL colours on request.

Wiring

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

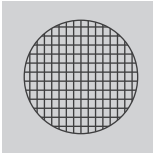


Optional Accessories



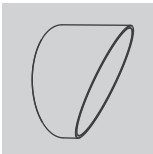
honeycomb louvre
*can not be ordered separately

A02

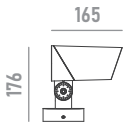


anti-glare glass
*can not be ordered separately

A04



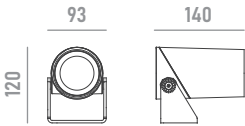
anti-glare visor
*can not be ordered separately



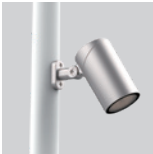
A06



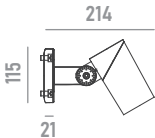
U-bracket
*can not be ordered separately



A11



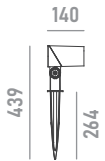
pole plate (for $\Phi 67\sim 325\text{mm}$ $T\geq 4$ poles)
*can not be ordered separately



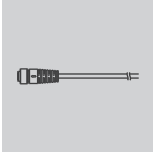
A14



spike
*can not be ordered separately

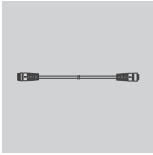


A16



leader cable with female 6-pin waterproof connector for Power/DMX
* specify cable length to complete order

LC6



extension cable with male and female 6-pin waterproof connector for Power/DMX
* specify cable length to complete order

EC6

Ordering Information

example: 0811W12.0008.4130K.01+A02

0811W12 · · · +

product	beam angle		light colour / CCT		finish colour		accessory	
SERRA-1-12W	0008	8°	4130K	RGB+3000K	01	RAL9023	A02	honeycomb louvre
	0025	25°	4140K	RGB+4000K			A04	anti-glare glass
	1045	10°x45°					A06	anti-glare visor
							A11	U-bracket
							A14	pole plate
							A16	spike
							LC6	leader cable
							EC6	extension cable