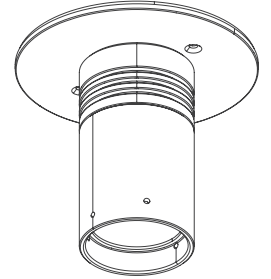
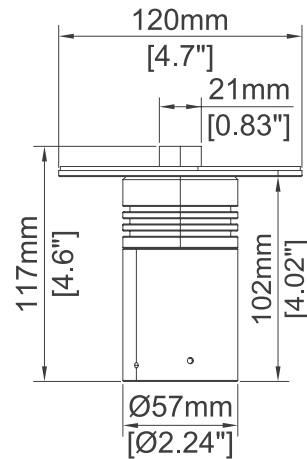
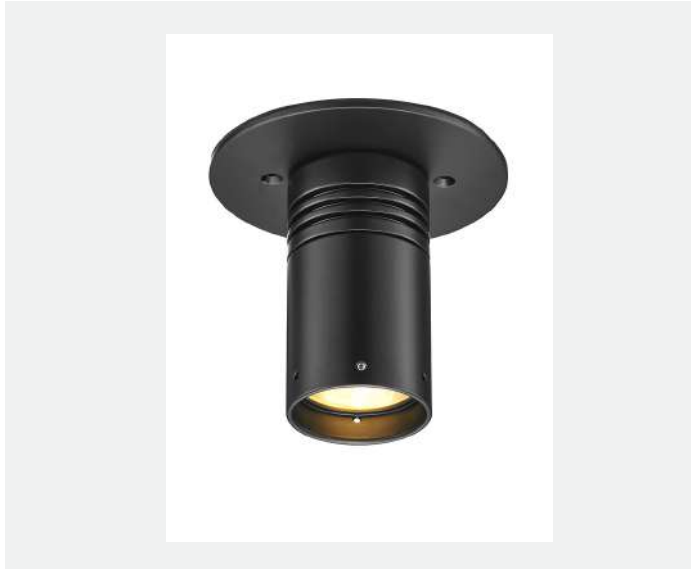


Specification sheet

REV.3

FL450

Outdoor Surface Cylinder



Description

Elevate your outdoor space with MACRON Light's extensive of lighting solutions. From ceiling surface, wall surface-mounted, and even floor surface-mounted options, We promised waterproof IP of 66, 4 outdoor-rated powder coat finishes and 2 different beam angles. we have the perfect fixture for your outdoor needs.

Features

LED	Cree CXB1304
Color temperature	2700K/ 3000K/ 3500K/ 4000K
Optics	Spot 27° / Medium 32°
Driver	Integrated class 2 driver, power factor >0.90 Output current 150mA

Performance

Delivered output	Up to 300 lm(90+ CRI)
Power consumption	6.5 W
Color rendering	90+ CRI
CBCP	Spot 1493 cd / Medium 781 cd

Lumen maintenance L80 B10 50,000 Hours

Electrical and Control

Input voltage	120V
Control	TRIAC/ELV Dimming
Feature	Overload & short circuit protection

Construction

Material	Casting & Extrusion grade Aluminum Alloy
Finishes	Black / White / Bronze / Silver

Optics TIR Lens

Rating/ Certification/ Warranty

- Dry and damp Locations
- RoHS compliant
- 5 years/ 50,000 hrs warranty
- IP 66

Ordering Code Information

PRODUCT	COLOR TEMPERATURE	FINISH	BEAM ANGLE	COLOR RENDERING	INPUT/DIMMING
FL 450	27	WH	S	9	1E
FL 450, Outdoor Surface Cylinder	27 (2700K) 30 (3000K) 35 (3500K) 40 (4000K)	WH (White) BK (Black) BZ (Bronze) SA (Silver)	S (Spot / 27 deg.) M (Medium / 32 deg.)	9 (90 CRI+)	1E ELV(120V)

Specification sheet

REV.3

FL450

Outdoor Surface Cylinder

Photometrics

6.5W | 90CRI | 3000K

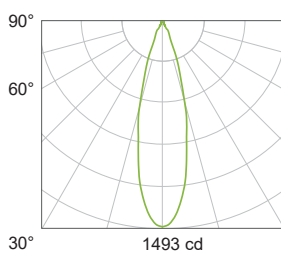
MULTIPLYING FACTORS: (Multiplying Factor is based on 3000K-90+ CRI IES file on website)

CCT	2700K-80+	3000K-80+	3500K-80+	4000K-80+
Factors	1.12	1.15	1.17	1.22

CCT	2700K-90+	3000K-90+	3500K-90+	4000K-90+
Factors	0.97	1.0	1.04	1.04

Spot 27°

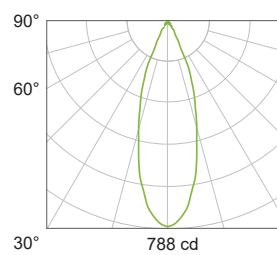
Delivered Output : 417 lm | CBCP : 1493 cd | Beam Angle : 27°



Center Beam Intensity	Beam Width	Height
1493 lx	48cm	1m
373 lx	96cm	2m
166 lx	144cm	3m
93 lx	192cm	4m
60 lx	240cm	5m

Medium 32°

Delivered Output : 320 lm | CBCP : 781 cd | Beam Angle : 32°



Center Beam Intensity	Beam Width	Height
788 lx	59cm	1m
197 lx	118cm	2m
88 lx	176cm	3m
49 lx	235cm	4m
32 lx	294cm	5m

Optional Accessory

PRODUCT	FINISH
FL400-SAG-	WH

Shorter Angle
snoot

WH (White)
BK (Black)
BZ (Bronze)
SA (Silver)

PRODUCT	FINISH
FL400-LAG-	WH

Long Angle
snoot

WH (White)
BK (Black)
BZ (Bronze)
SA (Silver)