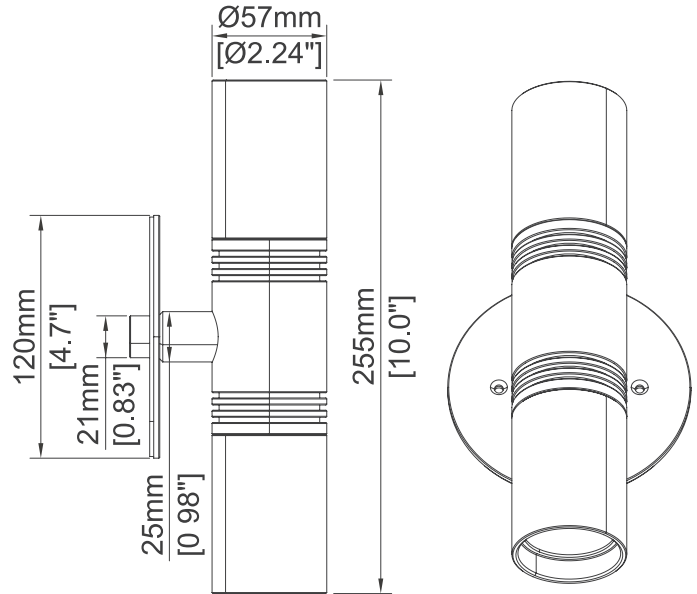
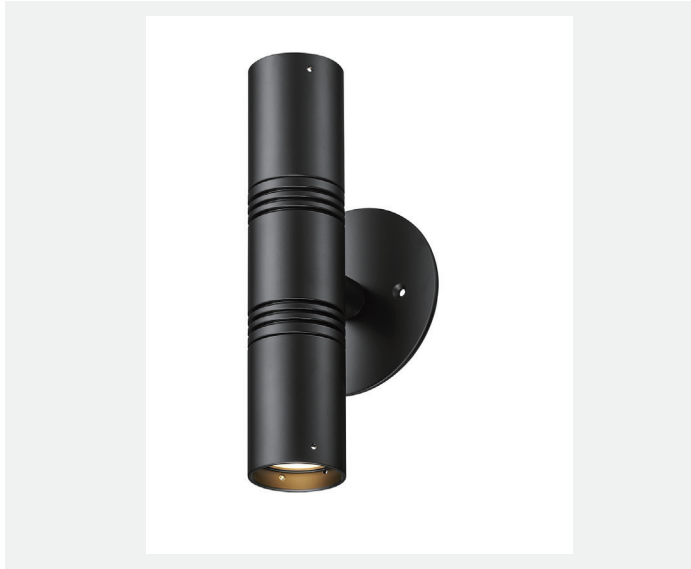


# Specification sheet

REV.1

CLSFL470  
Outdoor, Line Voltage



## 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 IP67, outdoor-rated powder coat finishes and 4 different beam angles. We have the perfect fixture for your outdoor needs.

## Features

<b>LED</b>	Bridgelux V10
<b>Color temperature</b>	2700K/ 3000K/ 3500K/ 4000K
<b>Optics</b>	Spot 22° / Medium 32° / Wide 43° / Flood 53°
<b>Driver</b>	Integrated class 2 driver, power factor >0.90 Output current 150mA

## Performance

<b>Delivered output</b>	Up to >1200lm(90+ CRI)
<b>Power consumption</b>	13W , >95LM/W
<b>Color rendering</b>	90+ CRI
<b>CBCP</b>	Spot 3469 cd / Medium 2094 cd Wide 1222cd / Flood 803 cd

**Lumen maintenance** L80 B10 50,000 Hours

## Ordering Code Information

PRODUCT	INPUT/DIMMING	COLOR TEMPERATURE	FINISH	BEAM ANGLE	COLOR RENDERING
CLSFL 470	1E	27	WH	S	9
CLSFL 470, Outdoor	1E 120V input TRIAC / ELV diming	27 (2700K) 30 (3000K) 35 (3500K) 40 (4000K)	WH (White) BK (Black) BZ (Bronze) SA (Silver)	S (Spot / 22 deg.) M (Medium / 32 deg.) W (Wide 43 deg.) F (Flood 53 deg.)	9 (90 CRI+)

## Electrical and Control

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

## Construction

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

**Optics** interchangeable optics

## Rating/ Certification/ Warranty

- Dry and damp Locations
- RoHS compliant
- 5 years/ 50,000 hrs warranty
- IP 67

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## Photometrics

6.6W | 90CRI | 3000K

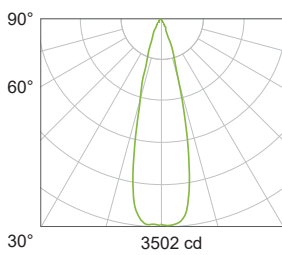
MULTIPLYING FACTORS: (Multiplying Factor is based on 3000K-90+CRI IES file on website)

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

### Down Spot 22°

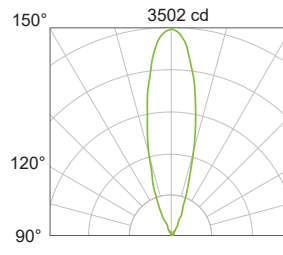
Delivered Output : 661 lm | CBCP : 3469 cd | Beam Angle : 22°



Center Beam Intensity	Beam Width	Height
3502 lx	40cm	1m
875 lx	80cm	2m
389 lx	120cm	3m
219 lx	160cm	4m
140 lx	200cm	5m

### Up Medium 22°

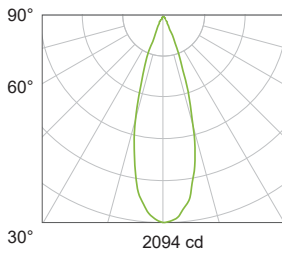
Delivered Output : 661 lm | CBCP : 3469 cd | Beam Angle : 22°



Center Beam Intensity	Beam Width	Height
140 lx	200cm	5m
219 lx	160cm	4m
389 lx	120cm	3m
875 lx	80cm	2m
3502 lx	40cm	1m

### Down Medium 32°

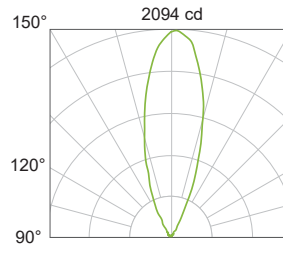
Delivered Output : 676 lm | CBCP : 2094 cd | Beam Angle : 32°



Center Beam Intensity	Beam Width	Height
2095 lx	58cm	1m
523 lx	115cm	2m
232 lx	173cm	3m
131 lx	231cm	4m
83 lx	289cm	5m

### Up Medium 32°

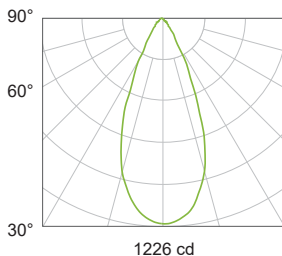
Delivered Output : 676 lm | CBCP : 2094 cd | Beam Angle : 32°



Center Beam Intensity	Beam Width	Height
83 lx	289cm	5m
131 lx	231cm	4m
232 lx	173cm	3m
523 lx	115cm	2m
2095 lx	58cm	1m

### Down Wide 43°

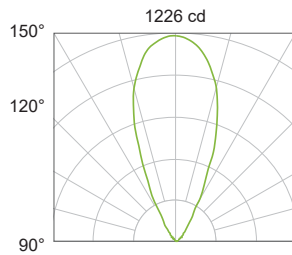
Delivered Output : 657 lm | CBCP : 1222 cd | Beam Angle : 43°



Center Beam Intensity	Beam Width	Height
1226 lx	79cm	1m
306 lx	159cm	2m
136 lx	238cm	3m
76 lx	318cm	4m
49 lx	397cm	5m

### Up Wide 43°

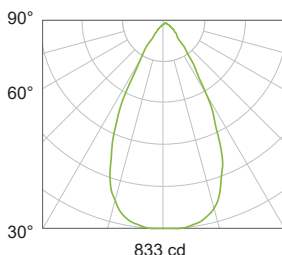
Delivered Output : 657 lm | CBCP : 1222 cd | Beam Angle : 43°



Center Beam Intensity	Beam Width	Height
49 lx	397cm	5m
76 lx	318cm	4m
136 lx	238cm	3m
306 lx	159cm	2m
1226 lx	79cm	1m

### Down Flood 53°

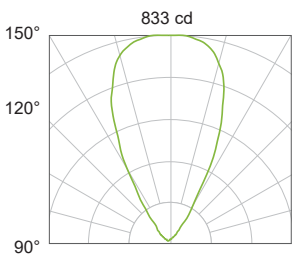
Delivered Output : 653 lm | CBCP : 803 cd | Beam Angle : 53°



Center Beam Intensity	Beam Width	Height
807 lx	101 cm	1m
201 lx	202 cm	2m
89 lx	303 cm	3m
50 lx	404 cm	4m
32 lx	505 cm	5m

### Up Flood 53°

Delivered Output : 653 lm | CBCP : 803 cd | Beam Angle : 53°



Center Beam Intensity	Beam Width	Height
32 lx	505cm	5m
50 lx	404cm	4m
89 lx	303cm	3m
201 lx	202cm	2m
807 lx	101cm	1m

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## Accessory

PRODUCT	PRODUCT	FINISH	PRODUCT	FINISH
<b>CLSFL4HCL</b>	<b>FL400 SAG</b>	<b>WH</b>	<b>FL400 LAG</b>	<b>WH</b>
Honey Comb Louver kit	Shorter Angle snoot	WH (White) BK (Black) BZ (Bronze) SA (Silver)	Long Angle snoot	WH (White) BK (Black) BZ (Bronze) SA (Silver)
