

## ECOFITZ™ LED Water-proof

### Datasheet



### IP65

ECOFITZ™ LED Water-proof series is a robust luminaire suitable for humid and dusty environments. LED technology offers excellent energy saving comparing to traditional fluorescent tubes. ECOFITZ™ LED Water-proof series is an ideal choice to replace conventional water-proof.

#### Benefits

##### Unique prismatic lens

- Soft light beam for high visual comfort

##### Reliable

- IP65 water-proof
- Durable dual extrusion PC

##### High energy efficient and low maintenance

- Efficacy up to 120lm/W
- 50,000hrs lifetime

##### Flexible mounting options

- Surface and suspended mounting

#### Applications

- Factories
- Warehouse
- Underpasses
- Car parks
- Other semi-outdoor applications

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## Technical Data

### Optical Specifications

		2ft 20W	4ft 40W	5ft 48W
		20W	40W	48W
Luminous Flux	@ 4000K	2400lm	4800lm	5760lm
Efficacy	@ 4000K	120lm/W		
CCT		4000K/5700K		
CRI		≥80		
SDCM		≤5		
UGR		≤27		
Beam Angle		120°		

### Electrical and Mechanical Specifications

Input Voltage	220-240V AC 50/60Hz		
Power Consumption	20W	40W	48W
Power Factor	≥0.95		
Surge protection	L-N 1KV, L/N-Ground 2KV		
Dimension (L x W x H)	590x83x64mm	1170x83x64mm	1450x83x64mm
Weight	0.6kg	1.1kg	1.3kg
Diffuser	PC		
Housing	PC		

### System Specifications

Power	220-240V AC 50/60Hz
Control	ON/OFF
Mounting	Surface and suspended mounting
Operating Temperature	-20°C to +40°C
Storage Temperature	-20°C to +80°C
Environment	Outdoor (IP65)
Lumen Maintenance	L70@25°C - 50,000hrs
Safety Approval	Electrical Protection Class I, CB, CCC, CE, UKCA, Photo-biological safety RoHS
Warranty	5 Years

Due to the special conditions of manufacturing process of LED, the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from typical data.

Exceeding maximum ratings for operation voltage will cause hazardous overload and will likely destroy the LED module.

Exceeding maximum ratings for operation and storage temperature will reduce expected life time or destroy the LED module.

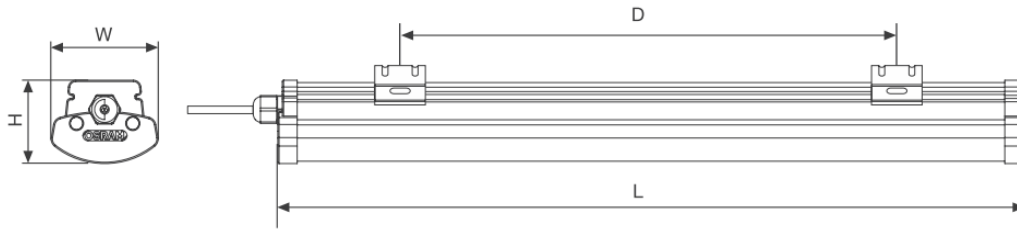
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Dimension (Unit: mm)

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## Surface/Suspended Mounting

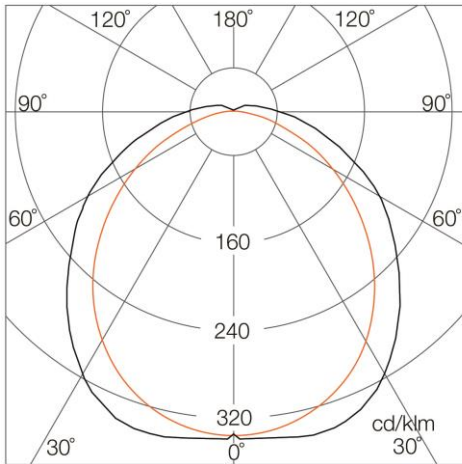


	<b>2ft 20W</b>	<b>4ft 40W</b>	<b>5ft 48W</b>
<b>L</b>	590mm	1170mm	1450mm
<b>W</b>	83mm	83mm	83mm
<b>H</b>	64mm	64mm	64mm
<b>D</b>	400mm-500mm	700mm-800mm	700mm-800mm

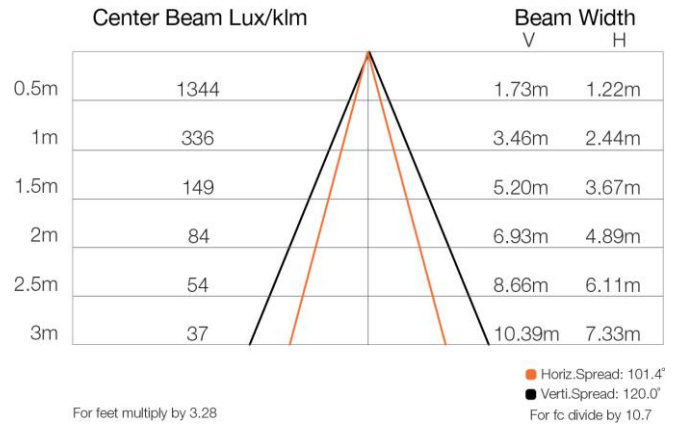
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## Photometrics

### Light Distribution Curve



### Illuminance at Distance



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# ECOFITZ™ LED Water-proof

## Ordering Codes

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### Fixture (ON/OFF Version)

Short Text	Power (W)	Size	CCT	Beam angle	IC
ECOFITZ LED WP 600 20W C840 12X1 OSRAM	20W	2ft	4000K	120°	GL24100572455
ECOFITZ LED WP 600 20W C857 12X1 OSRAM	20W	2ft	5700K	120°	GL24100572555
ECOFITZ LED WP 1200 40W C840 9X1 OSRAM	40W	4ft	4000K	120°	GL24100572655
ECOFITZ LED WP 1200 40W C857 9X1 OSRAM	40W	4ft	5700K	120°	GL24100572755
ECOFITZ LED WP 1500 48W C840 9X1 OSRAM	48W	5ft	4000K	120°	GL24100572855
ECOFITZ LED WP 1500 48W C857 9X1 OSRAM	48W	5ft	5700K	120°	GL24100572955

