

ECOFITZ™ WATER-PROOF



ECOFITZ™ WATER-PROOF is a functional LED jet-proof luminaire with high efficiency and compact design, replacing traditional T5 and T8 fluorescent lamp water-/damp-proof products. It comes in dual-extrusion housing, optical grade poly carbonate diffuser and stainless steel brackets, dedicated designs for applications in manufacturing and storage facilities, as well as public areas where the moisture condition is critical and/or ambient air contaminated by particles.

FEATURES

- High lumen output of max. 4800lm, possible to replace T8 2x58W or T5 2x35W.
- Professional optical system, offering high *system* efficacy of 100lm/W for up to 55% energy saving (over T8 type) and high colour rendering of Ra80.
- Compact and strong dual-extrusion housing, genuine IP and IK protections for harsh environments.
- Similar form factor as traditional fluorescent products brings familiar feeling and yet more elegant in design; similar inside wiring as traditional ones also, reliable and avoids possible IP failure.
- Easy and fast installation thanks to the integral construction, 50% labour saving.
- Fit-and-forget, 30,000 hours system lifetime allows 5-year service with no or little maintenance.

APPLICATION REFERENCE

- Humid and/or dusty manufacturing facilities
- Cold storages and stores
- Food and beverage industries
- Car parks, underground paths
- Canopied outdoor areas



SPECIFICATION

ECOFITZ WATER-PROOF	2FT	4FT	5FT
Power	18W	38W	48W
CCT	4000K, 5700K, 6500K ^(d)		
CRI	80		
Typical ^(a) lumen	1800lm	3800lm	4800lm
Optics	100°		
Typical ^(a) efficacy	100lm/W		
Input voltage ^(b)	220-240VAC, 50/60Hz		
Power factor	0.9		
Control	on/off (constant output)		
Classification	IP65, IK06, Class I		
Dimension	590x80x60	1170x80	1450x80x60
Weight			
Mounting	Ceiling mount		
Material	Housing: Poly carbonate Diffuser: Poly carbonate		
Ambient ^(c)	-30 ... 40°C		
Storage	-35 ... 85°C		
Lifetime	30,000hrs@L70, 25°C		
	CB, CCC, TISI		

^(a) The typical data, reflects statistical figures and do not necessarily correspond to the actual parameters of each single product. Actual value can be varied due to many factors like lamp factor of LED, input current/voltage, thermal conditions, optical tolerance, and even measurement tolerance. Therefore the data above is for reference only. If customers have any specific demand on particular parameters, please contact OSRAM sales or marketing staff for advice.

^(b) Exceeding maximum ratings for operation voltage will cause hazardous overload and will likely destroy the LED.

^(c) Exceeding maximum ratings for operation and storage temperature will reduce expected life time or destroy the LED

^(d) Optional.