



Energy-efficient lighting for industrial and commercial applications

GreenUp Waterproof

GreenUp Waterproof is a high efficient and reliable LED luminaire, designed for industrial application with humid and dust protection requirement. It delivers significant energy savings of up to 62% as compared to conventional dual-T8 waterproof. Utilization of UV-shield PC and extrusion process makes it suitable for semi-outdoor environments, and together with the built-in breather ensure a sound performance. With professional optic design and Philips LED module gives the most comfortable light experience of CRI 85.

Benefits

- High energy efficient
- Long lifetime
- Flexible installation

Features

- System efficacy of 120lm/W
- 50,000hrs L70 lifetime

Application

- Industry
- Corridors / walkways
- Indoor car parks

Specifications

Mounting type	Suspended
	Surface
Operating Temperature range	-20 to +45 °C
Light Source	LED
Mains Voltage	220-240V / 50-60Hz
Dimming	PSU: non-dimmable
Lumen maintenance at median useful life 50.000h	L70
Luminous flux	1.8klm - 5.6klm
Power consumption	15W - 46W
Luminaire efficacy	Up to 120lm/W
Correlated color temperature - CCT	4000K 6500K

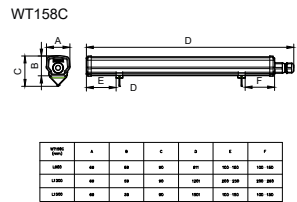
Color Rendering index - 80	
CRI	
Beam angle	Lambertian
Optical cover/lens material	PC
Optical cover/lens finish	Opal
Protection Class	Class II
IEC61140	
Mechanical impact protection	IK08
Ingress protection	IP66
Driver replaceable	No

Versions



GreenUp Waterproof G2

Dimensional drawing



Light Technical	
Color rendering index (CRI)	>80
Luminous Efficacy (rated) (Nom)	120 lm/W
Operating and Electrical	
Protection class IEC	Safety class II
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Optical cover type	-
Housing Color	Gray and white
Mech. impact protection code	IK08
Ingress protection code	IP66
Approval and Application	
Ambient temperature range	-20 to +45 °C
CE mark	No
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Flux
36314199	WT158C LED36S/840 PSU L1200 GM	4000 K	3,600 lm
36320299	WT158C LED36S/865 PSU L1200 GM	6500 K	3,600 lm
36324099	WT158C LED25S/840 PSU L1200 GM	4000 K	2,500 lm
36316599	WT158C LED56S/840 PSU L1500 GM	4000 K	5,600 lm
36322699	WT158C LED56S/865 PSU L1500 GM	6500 K	5,600 lm
36312799	WT158C LED18S/840 PSU L600 GM	4000 K	1,800 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
36314199	WT158C LED36S/840 PSU L1200 GM	30 W
36320299	WT158C LED36S/865 PSU L1200 GM	30 W
36324099	WT158C LED25S/840 PSU L1200 GM	20 W

Order Code	Full Product Name	Power Consumption
36316599	WT158C LED56S/840 PSU L1500 GM	46 W
36322699	WT158C LED56S/865 PSU L1500 GM	46 W
36312799	WT158C LED18S/840 PSU L600 GM	15 W

