



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 105lm/W
- 40,000hrs lifetime (Philips Lumileds and Xitanium®)
- CRI 85 (Professional optic design and Philips LED module)
- Sliding groove for installation
- UV-shield PC and extrusion process, and built-in breather

Application

- Industry
- Corridors / walkways
- Indoor car parks

GreenUp Waterproof

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

Versions

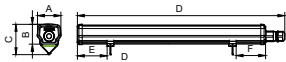


GreenUp Waterproof G2

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Dimensional drawing

WT158C



WT158C	A	B	C	D	E	F
1580	88	88	88	1580	102	102
1580	88	88	88	1580	202	202
1580	88	88	88	1580	302	302

General Information

CE mark -

Light Technical

Optical cover/lens type -

Color rendering index (CRI) >80

Luminous Efficacy (rated) (Nom) 120 lm/W

Operating and Electrical

Input Voltage 220 to 240 V

Line Frequency 50 or 60 Hz

Temperature

Ambient temperature range -20 to +45 °C

Controls and Dimming

Dimmable No

Mechanical and Housing

Housing Color Gray and white

Approval and Application

Protection class IEC Safety class II

Mech. impact protection code IK08

Ingress protection code IP66

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 lumen
36320299	WT158C LED36S/865 PSU L1200 GM	6500 K	3,600 lumen
36324099	WT158C LED25S/840 PSU L1200 GM	4000 K	2,500 lumen
36316599	WT158C LED56S/840 PSU L1500 GM	4000 K	5,600 lumen
36322699	WT158C LED56S/865 PSU L1500 GM	6500 K	5,600 lumen
36312799	WT158C LED18S/840 PSU L600 GM	4000 K	1,800 lumen

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

