PHILIPS

Lighting



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

GreenUp Waterproof

Mounting type	Suspended
	Surface
Operating Temperature range	-20 to +45 ºC
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

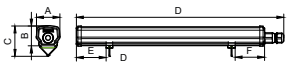
Versions



GreenUp Waterproof G2

Dimensional drawing

WT158C



GreenUp Waterproof

Light Technical	
Optical cover 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	
CE mark	-
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
911401895580	WT158C LED36S/840 PSU L1200 GM	4000 K	3,600 lm
911401896180	WT158C LED36S/865 PSU L1200 GM	6500 K	3,600 lm
911401896280	WT158C LED36S/865 PSU TW1 L1200 GM	6500 K	3,600 lm
911401896580	WT158C LED25S/840 PSU L1200 GM	4000 K	2,500 lm
911401895780	WT158C LED56S/840 PSU L1500 GM	4000 K	5,600 lm
911401896380	WT158C LED56S/865 PSU L1500 GM	6500 K	5,600 lm
911401895380	WT158C LED18S/840 PSU L600 GM	4000 K	1,800 lm
911401895980	WT158C LED18S/865 PSU L600 GM	6500 K	1,800 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401895580	WT158C LED36S/840 PSU L1200 GM	30 W
911401896180	WT158C LED36S/865 PSU L1200 GM	30 W
911401896280	WT158C LED36S/865 PSU TW1 L1200 GM	30 W
911401896580	WT158C LED25S/840 PSU L1200 GM	20 W

Order Code	Full Product Name	Power Consumption
911401895780	WT158C LED56S/840 PSU L1500 GM	46 W
911401896380	WT158C LED56S/865 PSU L1500 GM	46 W
911401895380	WT158C LED18S/840 PSU L600 GM	15 W
911401895980	WT158C LED18S/865 PSU L600 GM	15 W

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