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		**Color Rendering index – CRI**	80
	Surface		**Beam angle**	Lambertian
Operating Temperature range	–20 to +45 ºC		**Optical cover/lens material**	PC
Light Source	LED		**Optical cover/lens finish**	Opal
Mains Voltage	220-240V / 50-60Hz		**Protection Class IEC61140**	Class II
Dimming	PSU: non-dimmable		**Mechanical impact protection**	IK08
Lumen maintenance at median useful life 50.000h	L70		**Ingress protection**	IP66
Luminous flux	1.8klm – 5.6klm		**Driver replaceable**	No
Power consumption	15W – 46W			
Luminaire efficacy	Up to 120lm/W			
Correlated color temperature – CCT	4000K			
	6500K			

Versions

GreenUp Waterproof G2

Dimensional drawing

WT158C

GreenUp Waterproof
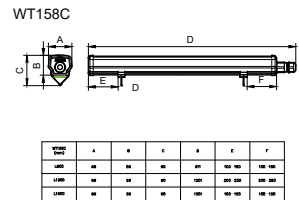
General Information

CE mark	–

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

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 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	Order Code	Full Product Name	Power Consumption
36314199	WT158C LED36S/840 PSU L1200 GM	30 W	36316599	WT158C LED56S/840 PSU L1500 GM	46 W
36320299	WT158C LED36S/865 PSU L1200 GM	30 W	36322699	WT158C LED56S/865 PSU L1500 GM	46 W
36324099	WT158C LED25S/840 PSU L1200 GM	20 W	36312799	WT158C LED18S/840 PSU L600 GM	15 W