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		**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

GreenUp Waterproof G2

Dimensional drawing

WT158C

GreenUp Waterproof
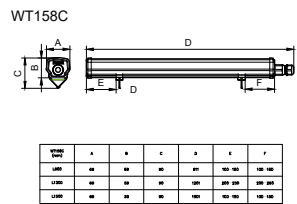
Light Technical

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
911401895580	WT158C LED36S/840 PSU L1200 GM	4000 K	3,600 lm
911401896180	WT158C LED36S/865 PSU 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

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
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

www.lighting.philips.com

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