



# 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**

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

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

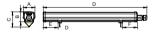
## Versions



GreenUp Waterproof G2

## Dimensional drawing

NT158C



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Less	-		***	100 100	100-100
U300			1901	200 230	200-200
U900	39		1801	100 100	100-100

# **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 Compli	ant)
Luminous flux tolerance	+/-10%

## **Light Technical**

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



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