



# 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

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

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

## Versions



### GreenUp Waterproof G2

## Dimensional drawing

WT158C



Model	A	B	C	D	E	F
WT158C	44	44	44	271	102-160	102-160
WT158C	44	44	44	192	102-160	102-160
WT158C	44	44	44	100	102-160	102-160

# 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
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## 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%
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## 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

## 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

