



# 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 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	
	Surface	
Operating Temperature	-20 to +45 <sup>o</sup> 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	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		

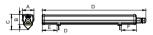
### Versions



GreenUp Waterproof G2

# Dimensional drawing

WT158C



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U 2000				1901	200 230	100-300
UMO	-			1901	40 40	100 100

# **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 Protection class IEC Safety class II Mech. impact protection code IK08 Ingress protection code IP66	CE mark	
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	CE IIIaik	_
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Luminous Efficacy (rated) (Nom)  120 lm/W  Operating and Electrical  Input Voltage  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  Mech. impact protection code  Ingress protection code	Optical cover type	-
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	Color rendering index (CRI)	>80
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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	Operating and Electrical	
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	Input Voltage	220 to 240 V
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	Line Frequency	50 or 60 Hz
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		
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 IKO8 Ingress protection code IP66	Temperature	
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	Ambient temperature range	-20 to +45 °C
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		
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Approval and Application Protection class IEC Safety class II Mech. impact protection code IK08 Ingress protection code IP66	Dimmable	No
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Approval and Application  Protection class IEC Safety class II  Mech. impact protection code IK08  Ingress protection code IP66		Gray and white
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Mech. impact protection code IK08 Ingress protection code IP66	Approval and Application	
Ingress protection code IP66	Protection class IEC	Safety class II
	Mech. impact protection code	IK08
Initial Performance (IEC Compliant)	Ingress protection code	IP66
Initial Performance (IEC Compliant)		
	Initial Performance (IEC Compli	ant)

### **Light Technical**

		Correlated Color Temperature	
Order Code	Full Product Name	(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



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