



# GreenPerform Waterproof G3: A high-performance, energy-efficient waterproof batten

## GreenPerform Waterproof G3

GreenPerform Waterproof G3 is a superb choice for hard-working applications. Not only does it provide excellent optical performance, it also delivers substantial energy saving. And because it works seamlessly with IoT software like Interact, it also offers the option of customization, convenience, and data-driven insights.

### Benefits

- Excellent energy savings
- Reliable choice, long serviceability
- Suitable for extensive applications
- Interact software and platforms

### Features

- Up to 181lm/W (HE), and 160lm/W (general)
- 100,000 hours L70B50 @25°C
- IP66/IK08
- Up to -30°C ~ +60°C working temp. (HT version)
- Works with Interact IoT software and platform
- Superior optics (WB & Opal), SDCM 3

# GreenPerform Waterproof G3

## Application

- Parking Garages
- Manufacturing
- Warehouses

## Warnings and Safety

- UV radiation will damage the material over time resulting in loss of waterproof sealing and IP65 rating.
- Do not install the luminaire in locations where it will be exposed to direct sunlight.

## Specifications

<b>Mounting type</b>	Surface Suspended
<b>Operating Temperature range</b>	-30 to +50°C (@PSU)
<b>Light Source</b>	LED
<b>Mains Voltage</b>	220-240V / 50-60Hz
<b>Dimming</b>	PSD: DALI WIA: Wireless control, compatible with Interact Pro PSU: non-dimmable DIA: Dimmable via Dali, compatible with Interact
<b>Control system input</b>	DALI/Interact
<b>Material</b>	PC
<b>Main color of the luminaire</b>	RAL7035
<b>Lumen maintenance at median useful life 50.000h</b>	L90
<b>Lumen maintenance at median useful life 100.000h</b>	L70
<b>Flicker / Pst / SVM</b>	<4% / 0.5 / 0.4
<b>Luminous flux</b>	Up to 10000lm
<b>Power consumption</b>	8.1W to 62.5W

<b>Luminaire efficacy</b>	Up to 181lm/W
<b>Correlated color temperature - CCT</b>	4000K 6500K
<b>Color Rendering index - CRI</b>	81
<b>Risk Group</b>	RG0
<b>Optical cover/lens material</b>	PC
<b>Optical cover/lens finish</b>	Opal Clear
<b>Protection Class IEC61140</b>	Class I
<b>Mechanical impact protection</b>	IK08
<b>Ingress protection</b>	IP66
<b>Driver replaceable</b>	Yes
<b>Overall height</b>	76mm
<b>Overall length</b>	665mm 1215mm 1515mm
<b>Overall width</b>	80mm
<b>Installation</b>	Suspension Surface

## Versions



GreenPerform Waterproof EcoSet



WT198X L1200

# GreenPerform Waterproof G3

## Dimensional drawing



### General Information

Driver included	Yes
Gear	EB
Number of gear units	1 unit
Service tag	Yes

### Light Technical

Color rendering index (CRI)	80
Number of light sources	1
Optic type	-

### Operating and Electrical

Protection class IEC	Safety class I
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Suitable for random switching	Yes

### Controls and Dimming

Maximum dim level	20%
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### Mechanical and Housing

Optical cover type	Polycarbonate bowl/cover
Housing Color	Gray
Mech. impact protection code	IK08
Ingress protection code	IP65

### Approval and Application

Ambient temperature range	-20 to +45 °C
CE mark	Yes
ENEC mark	-
Flammability mark	-
Glow-wire test	Temperature 650 °C, duration 30 s

### Initial Performance (IEC Compliant)

Luminous flux tolerance	-10% / +10%
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### Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
911401571091	WT198X LED20S/840 L1 S L600	4000 K	136.1 lm/W	2,000 lm
911401571591	WT198X LED20S/865 L1 S L600	6500 K	136.1 lm/W	2,000 lm
911401572091	WT198X LED19S/840 L1 S PCO L600	4000 K	129.3 lm/W	1,900 lm
911401571191	WT198X LED27S/840 L1 S L1200	4000 K	143.6 lm/W	2,700 lm
911401571291	WT198X LED40S/840 L1 S L1200	4000 K	138.4 lm/W	4,000 lm
911401571691	WT198X LED27S/865 L1 S L1200	6500 K	143.6 lm/W	2,700 lm
911401571791	WT198X LED40S/865 L1 S L1200	6500 K	138.4 lm/W	4,000 lm
911401572191	WT198X LED26S/840 L1 S PCO L1200	4000 K	138.3 lm/W	2,600 lm
911401572291	WT198X LED38S/840 L1 S PCO L1200	4000 K	131.5 lm/W	3,800 lm
911401572691	WT198X LED26S/865 L1 S PCO L1200	6500 K	138.3 lm/W	2,600 lm
911401572791	WT198X LED38S/865 L1 S PCO L1200	6500 K	131.5 lm/W	3,800 lm

## Operating and Electrical

## GreenPerform Waterproof G3

Order Code	Full Product Name	Power Consumption
911401571091	WT198X LED20S/840 L1 S L600	14.7 W
911401571591	WT198X LED20S/865 L1 S L600	14.7 W
911401572091	WT198X LED19S/840 L1 S PCO L600	14.7 W
911401571191	WT198X LED27S/840 L1 S L1200	18.8 W
911401571291	WT198X LED40S/840 L1 S L1200	28.9 W
911401571691	WT198X LED27S/865 L1 S L1200	18.8 W

Order Code	Full Product Name	Power Consumption
911401571791	WT198X LED40S/865 L1 S L1200	28.9 W
911401572191	WT198X LED26S/840 L1 S PCO L1200	18.8 W
911401572291	WT198X LED38S/840 L1 S PCO L1200	28.9 W
911401572691	WT198X LED26S/865 L1 S PCO L1200	18.8 W
911401572791	WT198X LED38S/865 L1 S PCO L1200	28.9 W

### Controls and Dimming

Order Code	Full Product Name	Dimmable
911401571091	WT198X LED20S/840 L1 S L600	Step Dim
911401571591	WT198X LED20S/865 L1 S L600	Step Dim
911401572091	WT198X LED19S/840 L1 S PCO L600	Step Dim
911401571191	WT198X LED27S/840 L1 S L1200	Wireless Dim
911401571291	WT198X LED40S/840 L1 S L1200	Wireless Dim
911401571691	WT198X LED27S/865 L1 S L1200	Wireless Dim

Order Code	Full Product Name	Dimmable
911401571791	WT198X LED40S/865 L1 S L1200	Step Dim
911401572191	WT198X LED26S/840 L1 S PCO L1200	Step Dim
911401572291	WT198X LED38S/840 L1 S PCO L1200	Wireless Dim
911401572691	WT198X LED26S/865 L1 S PCO L1200	Step Dim
911401572791	WT198X LED38S/865 L1 S PCO L1200	Wireless Dim

### Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
911401571091	WT198X LED20S/840 L1 S L600	(0.38, 0.38) SDCM $\leq$ 3
911401571591	WT198X LED20S/865 L1 S L600	(0.32, 0.33) SDCM $\leq$ 3
911401572091	WT198X LED19S/840 L1 S PCO L600	(0.38, 0.38) SDCM $\leq$ 3
911401571191	WT198X LED27S/840 L1 S L1200	(0.38, 0.38) SDCM $\leq$ 3
911401571291	WT198X LED40S/840 L1 S L1200	(0.38, 0.38) SDCM $\leq$ 3
911401571691	WT198X LED27S/865 L1 S L1200	(0.32, 0.33) SDCM $\leq$ 3

Order Code	Full Product Name	Initial chromaticity
911401571791	WT198X LED40S/865 L1 S L1200	(0.32, 0.33) SDCM $\leq$ 3
911401572191	WT198X LED26S/840 L1 S PCO L1200	(0.38, 0.38) SDCM $\leq$ 3
911401572291	WT198X LED38S/840 L1 S PCO L1200	(0.38, 0.38) SDCM $\leq$ 3
911401572691	WT198X LED26S/865 L1 S PCO L1200	(0.32, 0.33) SDCM $\leq$ 3
911401572791	WT198X LED38S/865 L1 S PCO L1200	(0.32, 0.33) SDCM $\leq$ 3

