



Philips 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

- Suit your applications with choice of two superior optics
- Excellent energy savings
- Data-driven insights via
- Interact software and platforms

Features

- Injection molding Polycarbonate Cover Opal (PCO) and Wide Beam (WB) optics
- Up to 140lm/W
- IP65/IK08
- 50,000 hours L70 B50 @ 35°C
- Works with Interact IoT software and platform

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Application

- Parking Garages
- Manufacturing
- Warehouses

Specifications

Mounting type	Surface
	Suspended
Operating Temperature range	-20 to +50°C
Light Source	LED
Mains Voltage	220-240V / 50-60Hz
Dimming	PSD: DALI
	WIA: Wireless control, compatible with Interact Pro
Control system input	DALI/Wireless Zigbee
Material	PC
Main color of the luminaire	RAL7035
Lumen maintenance at median useful life	L85
50.000h	
Flicker / Pst / SVM	<4% / 0.5 / 0.4
Luminous flux	Up to 8000lm
Power consumption	7.8W to 60W
Luminaire efficacy	Up to 140lm/W

Correlated color temperature - CCT	4000K
Color Rendering index - CRI	80
Optical cover/lens material	PC
Optical cover/lens finish	Opal
finish	Clear
Mechanical impact protection	IK08
Ingress protection	IP65
Driver replaceable	Yes
Overall height	76mm
Overall length	665mm
	1215mm
	1515mm
Overall width	80mm
Installation	Suspension
	Surface

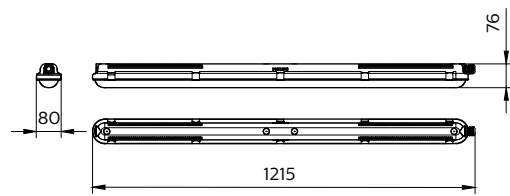
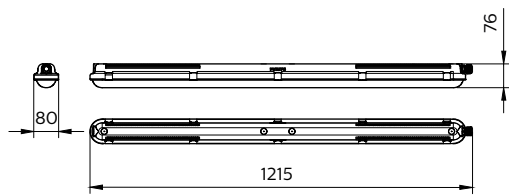
Versions



WT198X L1200

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Dimensional drawing



General Information	
Driver included	Yes
Number of gear units	1 unit
Service tag	Yes
Light Technical	
Optic type	-
Operating and Electrical	
Protection class IEC	Safety class I
Input Voltage	220 to 240 V
Mechanical and Housing	
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	-

General Information

Order Code	Full Product Name	Gear	Light source replaceable
911401572791	WT198X LED38S/865 L1 S PCO L1200	EB	-
911401562761	WT198C LED27S/840 PSD L1200	-	No
911401562861	WT198C LED40S/840 PSD L1200	-	No

Light Technical (1/2)

Order Code	Full Product Name	Beam angle of light source	Correlated Color		Luminous Efficacy (rated) (Nom)
			Temperature (Nom)	rendering index (CRI)	
911401572791	WT198X LED38S/865 L1 S PCO L1200	-	6500 K	80	131.5 lm/W
911401562761	WT198C LED27S/840 PSD L1200	120 degree(s)	4000 K	>80	132 lm/W

Order Code	Full Product Name	Beam angle of light source	Correlated Color		Luminous Efficacy (rated) (Nom)
			Temperature (Nom)	rendering index (CRI)	
911401562861	WT198C LED40S/840 PSD L1200	120 degree(s)	4000 K	>80	140 lm/W

Light Technical (2/2)

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Order Code	Full Product Name	Number of light	
		Luminous Flux	sources
911401572791	WT198X LED38S/865 L1 S PCO L1200	3,800 lm	1
911401562761	WT198C LED27S/840 PSD L1200	2,700 lm	-

Order Code	Full Product Name	Number of light	
		Luminous Flux	sources
911401562861	WT198C LED40S/840 PSD L1200	4,000 lm	-

Operating and Electrical

Order Code	Full Product Name	Line Frequency	Power	Suitable for random switching
			Consumption	
911401572791	WT198X LED38S/865 L1 S PCO L1200	50 to 60 Hz	28.9 W	Yes
911401562761	WT198C LED27S/840 PSD L1200	50 or 60 Hz	20.5 W	Not applicable

Order Code	Full Product Name	Line Frequency	Power	Suitable for random switching
			Consumption	
911401562861	WT198C LED40S/840 PSD L1200	50 or 60 Hz	28.6 W	Not applicable

Controls and Dimming

Order Code	Full Product Name	Dimmable	Maximum dim level
911401572791	WT198X LED38S/865 L1 S PCO L1200	Wireless Dim	20%
911401562761	WT198C LED27S/840 PSD L1200	Yes	Not applicable

Order Code	Full Product Name	Dimmable	Maximum dim level
911401562861	WT198C LED40S/840 PSD L1200	Yes	Not applicable

Mechanical and Housing

Order Code	Full Product Name	Optical cover type
911401572791	WT198X LED38S/865 L1 S PCO L1200	Polycarbonate bowl/cover
911401562761	WT198C LED27S/840 PSD L1200	-

Order Code	Full Product Name	Optical cover type
911401562861	WT198C LED40S/840 PSD L1200	-

Approval and Application

Order Code	Full Product Name	Glow-wire test
911401572791	WT198X LED38S/865 L1 S PCO L1200	Temperature 650 °C, duration 30 s
911401562761	WT198C LED27S/840 PSD L1200	Temperature 850 °C, duration 30 s

Order Code	Full Product Name	Glow-wire test
911401562861	WT198C LED40S/840 PSD L1200	Temperature 850 °C, duration 30 s

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity	Luminous flux
			tolerance
911401572791	WT198X LED38S/865 L1 S PCO L1200	(0.32, 0.33) SDCM≤3	-10% / +10%
911401562761	WT198C LED27S/840 PSD L1200	(0.38,0.38)	+/-10%

Order Code	Full Product Name	Initial chromaticity	Luminous flux
			tolerance
911401562861	WT198C LED40S/840 PSD L1200	(0.38,0.38)	+/-10%

Over Time Performance (IEC Compliant)

Order Code	Full Product Name	Driver failure	Median useful	Median useful
		rate at 5000 h	life L80B50	life L90B50
911401572791	WT198X LED38S/865 L1 S PCO L1200	-	-	-
911401562761	WT198C LED27S/840 PSD L1200	0.01 %	42,000 hour(s)	20,000 hour(s)

Order Code	Full Product Name	Driver failure	Median useful	Median useful
		rate at 5000 h	life L80B50	life L90B50
911401562861	WT198C LED40S/840 PSD L1200	0.01 %	42,000 hour(s)	20,000 hour(s)

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