



For every project where light really matters, easy to install and maintain

CoreLine Waterproof

CoreLine waterproof delivers on the CoreLine promise of innovative, easy-to-use and high-quality luminaires. With its slim and stylish design, it retains the product architecture that the range is well-known and appreciated for. Installation is quick and easy, all thanks to its efficient design. CoreLine waterproof provides better wide-beam light distribution for straightforward and effective lighting. A direct replacement for traditional waterproof luminaires with fluorescent lamps ranging from 18W up to 58W, it delivers significant energy savings. Interact Ready luminaires with integrated wireless communications are also available in the CoreLine waterproof range, ready to be used with Interact connected lighting system.

Benefits

- Saves on energy and maintenance costs
- Supports fast and flexible installation thanks to smart WT120C G2 product architecture
- Ideal for general application projects with a robust design (IK08) and high water and dust-proof rating (IP65)

CoreLine Waterproof

Features

- Long lifetime and high efficiency: up to 100,000 hours with flux at 70% min. compared to initial level and efficiency up to 160lm/W
- Range of options available: L600/1200/1500, up to 12,000 lm, 4000K
- Uniform and wide-beam or opal light distribution
- Longer sliders, faster lock opening, tool-less electrical connections for easy and flexible installation
- Optional controls and versions available: DALI dimming, integrated wireless connectivity (Interact Ready), integrated movement sensors (MDU), emergency lighting (EL), waterproof external connector for easier installation (WEC), through wiring 1- and 3-phase (TW1/

Application

- Parking Garages
- Manufacturing
- Warehouses
- General lighting

Warnings and Safety

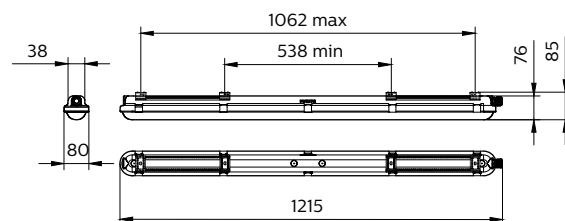
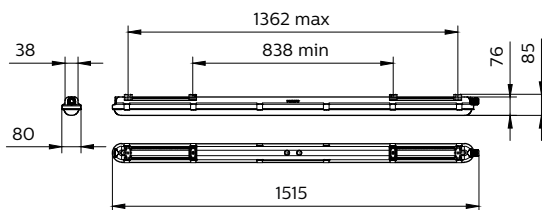
- UV radiation will damage the material over time resulting in loss of waterproof sealing and IP66 rating.
- Do not install the luminaire in locations where it will be exposed to direct sunlight.

Versions



CoreLine waterproof G2 (WT120C G2), L1500

Dimensional drawing



CoreLine Waterproof

Product details



CoreLine Waterproof WT120C G2
PCU-7DPP



CoreLine Waterproof WT120C G2
PCU-3DPP



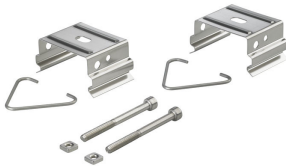
CoreLine Waterproof WT120C G2
PCU-10DPP



CoreLine Waterproof WT120C G2
PCU-9DPP



CoreLine Waterproof WT120C G2
PCU-12DPP



CoreLine Waterproof WT120C G2
PCU-2DPP



CoreLine Waterproof WT120C G2
PCU-13DPP



CoreLine Waterproof WT120C G2
PCU-8DPP

CoreLine Waterproof

Product details



CoreLine Waterproof WT120C G2
PCU-11DPP



CoreLine waterproof G2 (WT120C
G2),Emergency lighting, TrustSight

CoreLine Waterproof

General Information	
Driver included	Yes
Light source replaceable	No
Number of gear units	1 unit
Service tag	Yes
Light Technical	
Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	>80
Optic type	Wide beam
Operating and Electrical	
Protection class IEC	Safety class I
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Suitable for random switching	Not applicable
Controls and Dimming	
Dimmable	No
Maximum dim level	Not applicable
Mechanical and Housing	
Housing Color	Gray
Mech. impact protection code	IK08
Ingress protection code	IP65
Approval and Application	
CE mark	Yes
ENEC mark	ENEC mark
Flammability mark	For mounting on easily flammable surfaces
Glow-wire test	Temperature 850 °C, duration 30 s
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	1.6
Initial Performance (IEC Compliant)	
Initial chromaticity	(0.38,0.38)SDCM<=3
Luminous flux tolerance	+/-10%

General Information

Order Code	Full Product Name	Lamp family code
910505100054	WT120C G2 LED40S/840 PSU ELB3 L1200	LED40S
911401823580	WT120C G2 LED27S/840 PSU L1200	-
911401823780	WT120C G2 LED40S/840 PSU L1200	-
911401823880	WT120C G2 LED60S/840 PSU L1500	-

Light Technical

Order Code	Full Product Name	Luminous Efficacy	
		(rated) (Nom)	Luminous Flux
910505100054	WT120C G2 LED40S/840 PSU ELB3 L1200	121 lm/W	4,000 lm
911401823580	WT120C G2 LED27S/840 PSU L1200	132 lm/W	2,700 lm

Order Code	Full Product Name	Luminous Efficacy	
		(rated) (Nom)	Luminous Flux
911401823780	WT120C G2 LED40S/840 PSU L1200	140 lm/W	4,000 lm
911401823880	WT120C G2 LED60S/840 PSU L1500	140 lm/W	6,000 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
910505100054	WT120C G2 LED40S/840 PSU ELB3 L1200	33 W
911401823580	WT120C G2 LED27S/840 PSU L1200	20.5 W

Order Code	Full Product Name	Power Consumption
911401823780	WT120C G2 LED40S/840 PSU L1200	28.6 W
911401823880	WT120C G2 LED60S/840 PSU L1500	42.9 W

Emergency Operation (1/2)

Order Code	Full Product Name	Central Emergency	Emergency lighting	Emergency flux	Type of emergency lighting battery
910505100054	WT120C G2 LED40S/840 PSU ELB3 L1200	No	Emergency lighting 3 hours duration basic version	500 lm	Lithium
911401823580	WT120C G2 LED27S/840 PSU L1200	-	-	-	-

Order Code	Full Product Name	Central Emergency	Emergency lighting	Emergency flux	Type of emergency lighting battery
911401823780	WT120C G2 LED40S/840 PSU L1200	-	-	-	-
911401823880	WT120C G2 LED60S/840 PSU L1500	-	-	-	-

Emergency Operation (2/2)

Order Code	Full Product Name	Rated duration of the emergency lighting (when fully charged)
910505100054	WT120C G2 LED40S/840 PSU ELB3 L1200	3 hour(s)
911401823580	WT120C G2 LED27S/840 PSU L1200	-

Order Code	Full Product Name	Rated duration of the emergency lighting (when fully charged)
911401823780	WT120C G2 LED40S/840 PSU L1200	-
911401823880	WT120C G2 LED60S/840 PSU L1500	-

Approval and Application

Order Code	Full Product Name	Ambient temperature range
910505100054	WT120C G2 LED40S/840 PSU ELB3 L1200	0 to +25 °C
911401823580	WT120C G2 LED27S/840 PSU L1200	-20 to +40 °C

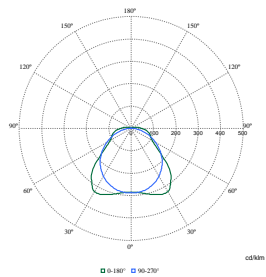
Order Code	Full Product Name	Ambient temperature range
911401823780	WT120C G2 LED40S/840 PSU L1200	-20 to +40 °C
911401823880	WT120C G2 LED60S/840 PSU L1500	-20 to +40 °C

Product Data

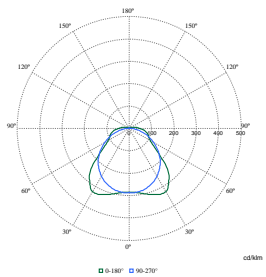
Order Code	Full Product Name	Product family code
910505100054	WT120C G2 LED40S/840 PSU ELB3 L1200	WT130C
911401823580	WT120C G2 LED27S/840 PSU L1200	-

Order Code	Full Product Name	Product family code
911401823780	WT120C G2 LED40S/840 PSU L1200	WT130C
911401823880	WT120C G2 LED60S/840 PSU L1500	-

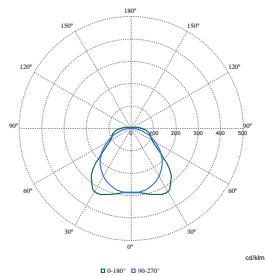
Polar Wide Diagrams



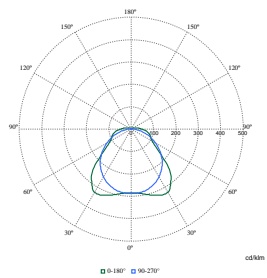
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Polar Normal (separate) - WT120CI - 911401823780



Polar Normal (separate) - null - 911401823580



Polar Normal (separate) - null - 911401823880

