



CoreLine Waterproof – the clear choice for LED

CoreLine Waterproof

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Waterproof range of LED products can be used to replace traditional waterproof luminaires with fluorescent lamps. The process of selecting, installing and maintaining is so easy – it's a simple switch.

Benefits

- Up to 50% energy savings compared with TL-D
- Reliable LED technology – maintenance-free
- Direct replacement for conventional waterproof luminaires in terms of light performance, installation flexibility and length

Features

- Reliable integrated LED technology, ensuring maintenance-free installation and a long lifetime
- Can be used to replace traditional waterproof luminaires ranging from 18 to 58 W TL-D
- Wide-beam light distribution
- Diffuser with optical element ensures visual comfort
- Ceiling-mounted bracket and suspension hooks included; installation can be made vandal-proof by additional screw fixation of mounting brackets

Application

- Parking garages
- Warehouses
- General lighting

CoreLine Waterproof

Warnings and Safety

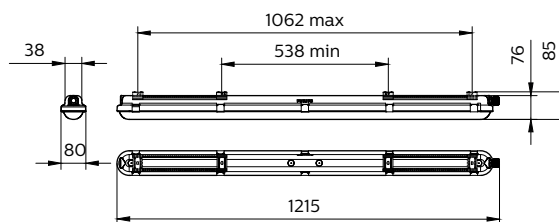
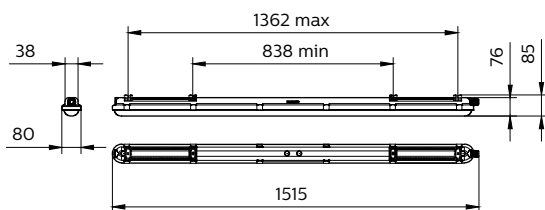
- UV radiation will damage the material over time resulting in loss of waterproof sealing and IP66 rating.
- Do not install the luminaire in locations where it will be exposed to direct sunlight.

Versions



CoreLine Waterproof WT120C G2
PSU PCO -

Dimensional drawing



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

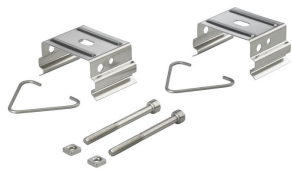
Product details



CoreLine Waterproof WT120C G2
PCU-12DPP



CoreLine waterproof G2 (WT120C
G2),MDU, Motion Detection Unit



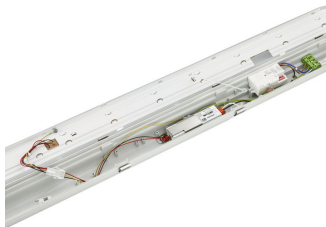
CoreLine Waterproof WT120C G2
PCU-2DPP



CoreLine Waterproof WT120C G2
PCU-13DPP



CoreLine Waterproof WT120C G2
PCU-8DPP



CoreLine waterproof G2 (WT120C
G2),MDU, Motion Detection Unit



CoreLine Waterproof WT120C G2
PCU-11DPP



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

General Information	
CE mark	CE mark
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	For mounting on easily flammable surfaces
Glow-wire test	Temperature 850 °C, duration 30 s
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
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	1.6
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Housing Color	Gray
Approval and Application	
Protection class IEC	Safety class I
Mech. impact protection code	IK08
Ingress protection code	IP65
Initial Performance (IEC Compliant)	
Initial chromaticity	(0.38,0.38)SDCM<=3
Luminous flux tolerance	+/-10%
Application Conditions	
Maximum dim level	Not applicable

General Information

Order Code	Full Product Name	Type of emergency lighting battery	Lamp family code	Embedded control	Product family code
910505100054	WT120C G2 LED40S/840 PSU ELB3 L1200	Lithium	LED40S	-	WT130C
910505100055	WT120C G2 LED40S/840 PSU MDU ELB3 L1200	Lithium	LED40S	Movement and light sensor (On/Off)	WT130C
911401823780	WT120C G2 LED40S/840 PSU L1200	-	-	-	-
911401837480	WT120C G2 LED75S/840 PSU PCO L1500	-	-	-	-

Light Technical

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux	Optic type
910505100054	WT120C G2 LED40S/840 PSU ELB3 L1200	121 lm/W	4,000 lm	Wide beam

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux	Optic type
910505100055	WT120C G2 LED40S/840 PSU MDU ELB3 L1200	114 lm/W	4,000 lm	Wide beam

CoreLine Waterproof

Order Code	Full Product Name	Luminous	Luminous	Optic type
		Efficacy (rated) (Nom)		
911401823780	WT120C G2 LED40S/840 PSU L1200	140 lm/W	4,000 lm	Wide beam

Order Code	Full Product Name	Luminous	Luminous	Optic type
		Efficacy (rated) (Nom)		
911401837480	WT120C G2 LED75S/840 PSU PCO L1500	131 lm/W	7,500 lm	Very wide beam

Operating and Electrical

Order Code	Full Product Name	Power Consumption
910505100054	WT120C G2 LED40S/840 PSU ELB3 L1200	33 W
910505100055	WT120C G2 LED40S/840 PSU MDU ELB3 L1200	35 W

Order Code	Full Product Name	Power Consumption
911401823780	WT120C G2 LED40S/840 PSU L1200	28.6 W
911401837480	WT120C G2 LED75S/840 PSU PCO L1500	57.1 W

Temperature

Order Code	Full Product Name	Ambient temperature range
910505100054	WT120C G2 LED40S/840 PSU ELB3 L1200	0 to +25 °C
910505100055	WT120C G2 LED40S/840 PSU MDU ELB3 L1200	0 to +25 °C

Order Code	Full Product Name	Ambient temperature range
911401823780	WT120C G2 LED40S/840 PSU L1200	-20 to +40 °C
911401837480	WT120C G2 LED75S/840 PSU PCO L1500	-20 to +40 °C

Emergency Operation

Order Code	Full Product Name	Emergency flux	Power consumption
			during Central DC emergency mode
910505100054	WT120C G2 LED40S/840 PSU ELB3 L1200	500 lm	3 W
910505100055	WT120C G2 LED40S/840 PSU MDU ELB3 L1200	500 lm	3 W

Order Code	Full Product Name	Emergency flux	Power consumption
			during Central DC emergency mode
911401823780	WT120C G2 LED40S/840 PSU L1200	-	-
911401837480	WT120C G2 LED75S/840 PSU PCO L1500	-	-

Application Conditions

Order Code	Full Product Name	Suitable for random switching
910505100054	WT120C G2 LED40S/840 PSU ELB3 L1200	Not applicable
910505100055	WT120C G2 LED40S/840 PSU MDU ELB3 L1200	Yes

Order Code	Full Product Name	Suitable for random switching
911401823780	WT120C G2 LED40S/840 PSU L1200	Not applicable
911401837480	WT120C G2 LED75S/840 PSU PCO L1500	Not applicable

