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.
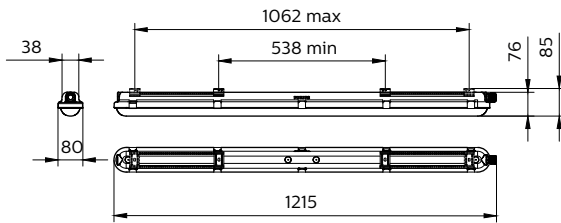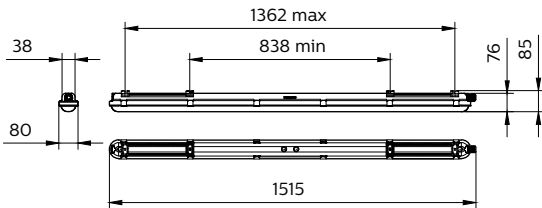
Versions

CoreLine waterproof G2 (WT120C G2), L1200

CoreLine waterproof G2 (WT120C G2), L1500

Dimensional drawing

38
1362 max
838 min
76
85
80
1515

38
1062 max
538 min
76
85
80
1215

Product details

CoreLine Waterproof WT120C G2 PCU-7DPP

CoreLine Waterproof WT120C G2 PCU-3DPP

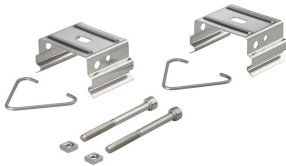**CoreLine Waterproof WT120C G2 PCU-10DPP**

CoreLine Waterproof WT120C G2 PCU-9DPP

CoreLine Waterproof

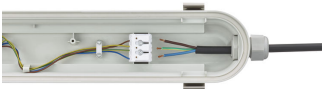## Product details

CoreLine Waterproof WT120C G2 PCU-12DPP

CoreLine Waterproof WT120C G2 PCU-2DPP

CoreLine Waterproof WT120C G2 PCU-13DPP

CoreLine Waterproof WT120C G2 PCU-8DPP

CoreLine Waterproof WT120C G2 PCU-11DPP

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

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General Information

CE mark	CE mark
Driver included	Yes
Type of emergency lighting battery	Lithium
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
Product family code	WT130C
Service tag	Yes

Light Technical

Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	>80
Luminous Efficacy (rated) (Nom)	121 lm/W
Optic type	Wide beam
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

Temperature

Ambient temperature range	0 to +25 °C

Mechanical and Housing

Housing Color	Gray

Emergency Operation

Emergency flux	500 lm
Power consumption during Central DC emergency mode	3 W

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

Suitable for random switching	Not applicable

General Information

Order Code	Full Product Name	Lamp family code
910505100054	WT120C G2 LED40S/840 PSU ELB3 L1200	LED40S
910505100073	WT120C G2 LED60S/840 PSU ELB3 L1500	LED60S
910505100076	WT120C G2 LED60S/840 PSD ELB3 L1500	LED60S

Light Technical

CoreLine Waterproof

Order Code	Full Product Name	Luminous Flux
910505100054	WT120C G2 LED40S/840 PSU ELB3 L1200	4,000 lm
910505100073	WT120C G2 LED60S/840 PSU ELB3 L1500	6,000 lm

Order Code	Full Product Name	Luminous Flux
910505100076	WT120C G2 LED60S/840 PSD ELB3 L1500	6,000 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
910505100054	WT120C G2 LED40S/840 PSU ELB3 L1200	33 W
910505100073	WT120C G2 LED60S/840 PSU ELB3 L1500	49.5 W

Order Code	Full Product Name	Power Consumption
910505100076	WT120C G2 LED60S/840 PSD ELB3 L1500	49.5 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
910505100054	WT120C G2 LED40S/840 PSU ELB3 L1200	No
910505100073	WT120C G2 LED60S/840 PSU ELB3 L1500	No

Order Code	Full Product Name	Dimmable
910505100076	WT120C G2 LED60S/840 PSD ELB3 L1500	Yes

Application Conditions

Order Code	Full Product Name	Maximum dim level
910505100054	WT120C G2 LED40S/840 PSU ELB3 L1200	Not applicable
910505100073	WT120C G2 LED60S/840 PSU ELB3 L1500	Not applicable

Order Code	Full Product Name	Maximum dim level
910505100076	WT120C G2 LED60S/840 PSD ELB3 L1500	1%