



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

Specifications

Ambient Temperature	-20 to +35 °C
	0 to +25 °C
Dimming	No, wireless Dim, yes
Driver	Power supply unit with DALI interface (PSD) Power supply unit (PSU)
Initial correlated colour temperature	4000 K

Initial input power	30 W, 33 W, 34 W, 35 W, 45.5 W, 49 W, 50 W
Initial luminous flux	4000 lm, 6000 lm
Material	Bracket:
Material	Housing: polycarbonate

Versions



Product details



CoreLine Waterproof WT120C G2
PCU-7DPP



CoreLine Waterproof WT120C G2
PCU-3DPP



CoreLine Waterproof WT120C G2
PCU-10DPP



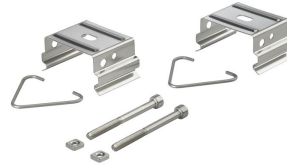
CoreLine Waterproof WT120C G2
PCU-9DPP

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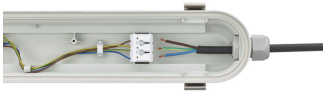
Product details



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

-	
Driver failure rate at 5,000 hours	0.13 %
Application Conditions	
Suitable for random switching	Not applicable
Approval and Application	
Mech. impact protection code	IK08
Ingress protection code	IP65
Operating and Electrical	
Input Voltage	220 to 240 V
General Information	
CE mark	CE mark
Protection class IEC	Safety class I (I)
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	D
Glow-wire test	850/30
Light source replaceable	No
Number of gear units	1 unit
Optic type	110
Initial Performance (IEC Compliant)	
Initial chromaticity	(0.38,0.38)SDCM<=3
Init. Corr. Colour Temperature	4000 K
Init. Colour rendering index	>80
Luminous flux tolerance	+/-10%
Mechanical and Housing	
Colour	Grey

Application Conditions

Order Code	Full Product Name	Ambient temperature range	Maximum dimming level
910505100052	WT120C G2 LED40S/840 IA1 L1200	-20 to +35 °C	10%
910505100053	WT120C G2 LED40S/840 PSD L1200	-20 to +35 °C	1%
910505100054	WT120C G2 LED40S/840 PSU ELB3 L1200	0 to +25 °C	Not applicable
910505100056	WT120C G2 LED40S/840 IA1 ELB3 L1200	0 to +25 °C	10%
910505100057	WT120C G2 LED40S/840 PSD ELB3 L1200	0 to +25 °C	1%
910505100071	WT120C G2 LED60S/840 IA1 L1500	-20 to +35 °C	10%
910505100073	WT120C G2 LED60S/840 PSU ELB3 L1500	0 to +25 °C	Not applicable
910505100075	WT120C G2 LED60S/840 IA1 ELB3 L1500	0 to +25 °C	10%

Controls and Dimming

Order Code	Full Product Name	Dimmable
910505100052	WT120C G2 LED40S/840 IA1 L1200	Wireless Dim
910505100053	WT120C G2 LED40S/840 PSD L1200	Yes
910505100054	WT120C G2 LED40S/840 PSU ELB3 L1200	No
910505100056	WT120C G2 LED40S/840 IA1 ELB3 L1200	Wireless Dim

Order Code	Full Product Name	Dimmable
910505100057	WT120C G2 LED40S/840 PSD ELB3 L1200	Yes
910505100071	WT120C G2 LED60S/840 IA1 L1500	Wireless Dim
910505100073	WT120C G2 LED60S/840 PSU ELB3 L1500	No
910505100075	WT120C G2 LED60S/840 IA1 ELB3 L1500	Wireless Dim

General Information

Order Code	Full Product Name	Emergency lighting	Lamp family code	Product family code
910505100052	WT120C G2 LED40S/840 IA1 L1200	-	LED40S	WT130C
910505100053	WT120C G2 LED40S/840 PSD L1200	-	LED40S	-
910505100054	WT120C G2 LED40S/840 PSU ELB3 L1200	EL3	LED40S	-

Order Code	Full Product Name	Emergency lighting	Lamp family code	Product family code
910505100056	WT120C G2 LED40S/840 IA1 ELB3 L1200	EL3	LED40S	WT130C
910505100057	WT120C G2 LED40S/840 PSD ELB3 L1200	EL3	LED40S	-
910505100071	WT120C G2 LED60S/840 IA1 L1500	-	LED60S	WT130C

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Order Code	Full Product Name	Emergency lighting	Lamp family code	Product family code
910505100073	WT120C G2 LED60S/840 PSU ELB3 L1500	EL3	LED60S	-

Order Code	Full Product Name	Emergency lighting	Lamp family code	Product family code
910505100075	WT120C G2 LED60S/840 IA1 ELB3 L1500	EL3	LED60S	WT130C

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
910505100052	WT120C G2 LED40S/840 IA1 L1200	133 lm/W	4000 lm	30 W
910505100053	WT120C G2 LED40S/840 PSD L1200	133 lm/W	4000 lm	30 W
910505100054	WT120C G2 LED40S/840 PSU ELB3 L1200	114 lm/W	4000 lm	34 W
910505100056	WT120C G2 LED40S/840 IA1 ELB3 L1200	116 lm/W	4000 lm	33 W

Order Code	Full Product Name	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
910505100057	WT120C G2 LED40S/840 PSD ELB3 L1200	114 lm/W	4000 lm	35 W
910505100071	WT120C G2 LED60S/840 IA1 L1500	132 lm/W	6000 lm	45.5 W
910505100073	WT120C G2 LED60S/840 PSU ELB3 L1500	120 lm/W	6000 lm	49 W
910505100075	WT120C G2 LED60S/840 IA1 ELB3 L1500	120 lm/W	6000 lm	50 W

