



CoreLine Waterproof

WT120C LED60S/840 PSU TW3 L1500

WT120C - LED Module, system flux 6000 lm - 840 neutral white -
Power supply unit

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.

Product data

General Information			
Number of light sources	1 pc	Glow-wire test	Temperature 850 °C, duration 5 s
Lamp family code	LED60S [LED Module, system flux 6000 lm]	Flammability mark	For mounting on normally flammable surfaces
Beam angle of light source	120 °	CE mark	CE mark
Light source color	840 neutral white	ENEC mark	ENEC mark
Cap-Base	- [-]	UL mark	-
Light source replaceable	No	Warranty period	5 years
Number of gear units	1 unit	Constant light output	No
Gear	-	Number of products on MCB of 16 A type B 24	
Driver/power unit/transformer	Power supply unit	RoHS mark	RoHS mark
Driver included	Yes	Product family code	WT120C
Optic type	-	Operating and Electrical	
Luminaire light beam spread	110°	Input Voltage	220-240 V
Emergency lighting	-	Input Frequency	50 to 60 Hz
Connection	Push-in connector 3-pole	Control signal voltage	0-16 V DC DALI
Cable	-	Inrush current	8 A
Protection class IEC	Safety class I	Inrush time	0.06 ms

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Power Factor (Min)	0.9
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	Steel
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Gear tray material	-
Fixation material	Stainless steel
Optical cover/lens finish	Frosted
Overall length	1530 mm
Overall width	87 mm
Overall height	96 mm

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]

Initial Performance (IEC Compliant)

Initial luminous flux	6000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	105 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	80
Initial chromaticity	(0.38, 0.38) SDCM <3.9

Initial input power	57 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	1 %
Median useful life L70B50	50000 h
Median useful life L80B50	30000 h
Median useful life L90B50	15000 h

Application Conditions

Ambient temperature range	0 to +25 °C
Average ambient temperature	25 °C
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

Product Data

Full product code	871869691688900
Order product name	WT120C LED60S/840 PSU TW3 L1500
EAN/UPC - Product	8718696916889
Order code	910500458797
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910500458797
Net Weight (Piece)	1.820 kg

