



# CoreLine Waterproof

## WT120C G2 LED60S/840 PSU MDU L1500

CoreLine Waterproof, 45 W, L1500 mm, 6000 lm, 4000 K, Sensor-based dim, Wide beam, Frosted, MDU1, IP65, IK08, TW1-ready

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.

### 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.

### Product data

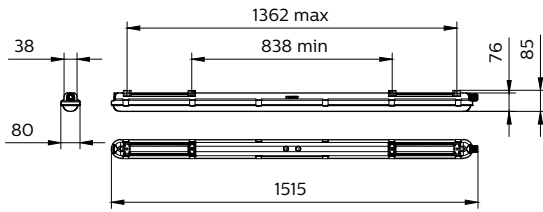
General Information		Sustainability rating	
Lamp family code	LED60S [LED Module, system flux 6000 lm]	Unclassified	
Light source replaceable	No	Light Technical	
Number of gear units	1 unit	Luminous Flux	6,000 lm
Driver included	Yes	Correlated Color Temperature (Nom)	4000 K
Service tag	Yes	Luminous Efficacy (rated) (Nom)	133 lm/W
Lighting Technology	LED	Color rendering index (CRI)	>80
Value ladder	Performance	Light source color	840 neutral white
Serviceability class	Class B, luminaire is equipped with some serviceable parts (when applicable): driver, control units, surge protection device, front cover and mechanical parts	Optic type	Wide beam
Warranty period	5 years	Luminaire light beam spread	105°
		Unified glare rating CEN	25

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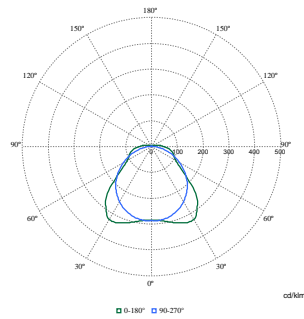
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	5.56 A
Inrush time	0.047 ms
Power Consumption	45 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	36
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	Sensor-based dim
Constant light output	No
Maximum dim level	Not applicable
Embedded control	Movement and light sensor (On/Off)
Mechanical and Housing	
Housing Material	Polycarbonate
Reflector material	Steel
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Stainless steel
Housing Color	Gray
Optical cover finish	Frosted
Overall length	1,515 mm
Overall width	80 mm
Overall height	76 mm
Dimensions (Height x Width x Depth)	76 x 80 x 1515 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Net Weight (Piece)	1.820 kg
Approval and Application	
Glow-wire test	Temperature 850 °C, duration 30 s
Flammability mark	For mounting on easily flammable surfaces
CE mark	
CE mark	Yes
ENEC mark	
ENEC mark	ENEC mark
Photobiological risk	
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
EU RoHS compliant	
EU RoHS compliant	Yes
Performance ambient temperature Tq	
Performance ambient temperature Tq	25 °C
Remarks	
Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value.
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	
Stroboscopic effect visibility measure (SVM)	1.6
Ambient temperature range	
Ambient temperature range	-20 to +35 °C
Initial Performance (IEC Compliant)	
Luminous flux tolerance	
Luminous flux tolerance	+/-10%
Initial chromaticity	
Initial chromaticity	(0.38,0.38)SDCM<=3
Power consumption tolerance	
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life 50000 h	
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L80
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L70
Product Data	
Order product name	
Order product name	WT120C G2 LED60S/840 PSU MDU L1500
Full product name	
Full product name	WT120C G2 LED60S/840 PSU MDU L1500
Full product code	
Full product code	871869996275300
Order code	
Order code	96275300
Material Nr. (12NC)	
Material Nr. (12NC)	910505100067
Numerator - Quantity Per Pack	
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	
EAN/UPC - Product/Case	8718699962753
Numerator - Packs per outer box	
Numerator - Packs per outer box	1
EAN/UPC - Case	
EAN/UPC - Case	8718699962753
Product family code	
Product family code	WT130C [Coreline Waterproof G2 LSC]

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## Dimensional drawing



## Photometric data



Polar Normal (separate) - WT120CI - 910505100067

