



CoreLine Waterproof

WT120C G2 LED80S/840 PSU L1500

CoreLine Waterproof, 57.1 W, L1500 mm, 8000 lm, 4000 K, Wide beam, Matte, 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. Also available as an Interact Ready wireless CoreLine waterproof luminaire that works with Interact Pro lighting software and Interact Ready devices to provide a connected lighting system for SMEs

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	
Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
Feed-through wiring	Simple connection and removable cover
	available for feed-through wiring 1-phase
	(internal wiring is not included)
Remarks	*- According to the Lighting Europe guidance
	paper 'Evaluating performance of LED based
	luminaires – January 2018': statistically there
	is no relevant difference in lumen
	maintenance between the B50 and, for

	example, the B10. Therefore, the median
	useful life (B50) value also represents the B10
	value.
Lighting Technology	LED
Value ladder	Performance
CE mark	CE mark
Warranty period	5 years
Flammability mark	For mounting on easily flammable surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 30 s
EU RoHS compliant	Yes

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Light Technical

Luminous Flux	8,000 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	140 lm/W
Colour rendering index (CRI)	>80
Flickering value (PstLM)	1
Stroboscopic effect	1.6
Light source colour	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	105°
Unified Glare Rating (CEN)	25

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	15 A
Inrush time	0.24 ms
Power Consumption	57.1 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type	31
в	

-20 to +40 °C

Temperature

Ambient temperature range	2
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Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

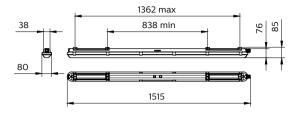
Mechanical and Housing

Housing material	Polycarbonate
Reflector material	Steel
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Stainless steel
Housing Colour	Grey
Optical cover/lens finish	Matte
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
Approval and Application	
	IDEE [Duct popetration protected jet prod
Ingress protection code	IP65 [Dust penetration-protected, jet-proof
Mech. impact protection code	IK08 [5 J vandal-protected]
Sustainability rating	-
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 0 @200mm to
	EN62778
Initial Performance (IEC Compliant	t)
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38,0.38)SDCM<=3
Power consumption tolerance	+/-10%
· ·	
Over Time Performance (IEC Comp	oliant)
Control gear failure rate at median usefu	al 5 %
life 50,000 h	
Lumen maintenance at median useful	80
life* 50,000 h	
Lumen maintenance at median useful	70
life* 100,000 h	
Application Conditions	
	25 ℃
Performance ambient temperature Tq	
Maximum dim level	Not applicable
Suitable for random switching	Not applicable
Product Data	
Order product name	WT120C G2 LED80S/840 PSU L1500
Full product name	WT120C G2 LED80S/840 PSU L1500
Full EOC	871869940928900
Order code	40928900
Material no. (12 NC)	911401823980
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699409289
Numerator – packs per outer box	9
EAN/UPC - Case	8710163346366

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Dimensional drawing





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