PHILIPS Lighting



CoreLine Waterproof

WT120C G2 LED34S/865 PSU L1500

CoreLine Waterproof, 24.5 W, L1500 mm, 3400 lm, 6500 K, Wide beam, Matte, IP65, IK08, TW1-ready

CoreLine waterproof delivers on the CoreLine promise of innovative, easy-to-use and high-quality luminaires. With its slim and stylish design, it retains the product architecture that the range is well-known and appreciated for. Installation is quick and easy, all thanks to its efficient design. CoreLine waterproof provides better wide-beam light distribution for straightforward and effective lighting. A direct replacement for traditional waterproof luminaires with fluorescent lamps ranging from 18W up to 58W, it delivers significant energy savings. Interact Ready luminaires with integrated wireless communications are also available in the CoreLine waterproof range, ready to be used with Interact connected lighting system.

Warnings and Safety

- \cdot UV radiation will damage the material over time resulting in loss of waterproof sealing and IP66 rating.
- $\boldsymbol{\cdot}$ Do not install the luminaire in locations where it will be exposed to direct sunlight.

Product data

eneral Information		Light Technical	
tht source replaceable	No	Luminous Flux	3,400 lm
nber of gear units	1 unit	Correlated Color Temperature (Nom)	6500 K
er included	Yes	Luminous Efficacy (rated) (Nom)	139 lm/W
<i>v</i> ice tag	Yes	Color rendering index (CRI)	>80
ing Technology	LED	Light source color	865 cool daylight
ladder	Performance	Optic type	Wide beam
ranty period	5 years	Luminaire light beam spread	105°
tainability rating	_	Unified glare rating CEN	25

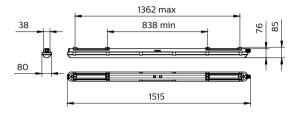
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Operating and Electrical		
Input Voltage	220 to 240 V	
Line Frequency	50 or 60 Hz	
Inrush current	5.16 A	
Inrush time	0.047 ms	
Power Consumption	24.5 W	
Power Factor (Fraction)	0.9	
Connection	Push-in connector 3-pole	
Cable	-	
Number of products on MCB of 16 A type B	60	
Suitable for random switching	Not applicable	
Protection class IEC	Safety class I	
Feed-through wiring	Simple Connection and removable cover	
	available for feed-through wiring 1-phase	
	(internal wiring is not included)	
Total harmonic distortion	20 %	
Controls and Dimming		
Dimmable	No	
Driver/power unit/transformer	Power supply unit (On/Off)	
Control interface	-	
Constant light output	No	
Maximum dim level	Not applicable	
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	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	
Ingress protection code	IP65 [Dust penetration-protected, jet-	
	proof]	
Mech. impact protection code	IK08 [5 J vandal-protected]	
	1.700 kg	

Approval and Application		
Glow-wire test	Temperature 850 °C, duration 30 s	
Flammability mark	For mounting on easily flammable	
	surfaces	
CE mark	Yes	
ENEC mark	ENEC mark	
Photobiological risk	Photobiological risk group 0 @200mm to	
	EN62778	
EU RoHS compliant	Yes	
Performance ambient temperature Tq	25 °C	
Flickering value (PstLM) - Flickering value as	1	
per EN 61000-3-3		
Stroboscopic effect visibility measure (SVM)	1.6	
Ambient temperature range	-20 to +40 °C	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-10%	
Initial chromaticity	(0.31,0.32)SDCM<=3	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Compliant	t)	
Control gear failure rate at median useful life	5 %	
50000 h		
Lumen maintenance (EN-IEC 62722-2-1) at	L80	
median useful life* 50000 h		
Lumen maintenance (EN-IEC 62722-2-1) at	L70	
median useful life* 100000 h		
Product Data		
Order product name	WT120C G2 LED34S/865 PSU L1500	
Full product name	WT120C G2 LED34S/865 PSU L1500	
Full product code	871016336934199	
Order code	911401824481	
Material Nr. (12NC)	911401824481	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8710163369341	
Numerator - Packs per outer box	9	

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Dimensional drawing





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