



CoreLine Waterproof

WT120C G2 LED20S/840 PSU L600

CoreLine Waterproof, 12.8 W, L600 mm, 2000 lm, 4000 K, Symmetrical, Clear, IP65, IK08

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

- 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		Sustaina
Number of gear units	1 unit	
Driver included	Yes	Light Te
Service tag	Yes	Luminou
Value ladder	Performance	Saturate
Serviceability class	Class B, luminaire is equipped with some	Correlate
	serviceable parts (when applicable):	Luminou
	driver, control units, surge protection	Color rer
	device, front cover and mechanical parts	Light sou
Warranty period	5 years	Optic typ

Sustainability rating	-
Light Technical	
Luminous Flux	2,000 lm
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	156 lm/W
Color rendering index (CRI)	>80
Light source color	840 neutral white
Optic type	Symmetrical

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Luminaire light beam spread	110°
Unified glare rating CEN	25
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	14.5 A
Inrush time	0.182 ms
Power Consumption	12.8 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	72
Suitable for random switching	No
Protection class IEC	Safety class I
Total harmonic distortion	20 %
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	 No
Constant light output	
Mechanical and Housing	
Housing Material	Polycarbonate
Reflector material	Steel
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Stainless steel
Housing Color	Grey
Optical cover finish	Clear
Overall length	665 mm
Overall width	80 mm
Overall height	76 mm
Dimensions (Height x Width x Depth)	76 x 80 x 665 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-
	proof
Mech. impact protection code	IK08 [5 J vandal-protected]
Net Weight (Piece)	0.800 kg
	0.000 Ng
Emergency Operation	
Central Emergency	No
Approval and Application	
Glow-wire test	Temperature 850 °C, duration 30 s
	remperature 050°C, uuration 50'S

Flammability mark For mounting on easily flammable surfaces CE mark Yes ENEC mark ENEC mark Photobiological risk Photobiological risk group 1@200mm to EN62778 Photobiological risk specification 0.2 m EU RoHS compliant Yes Performance ambient temperature Tq 25 °C Stroboscopic effect visibility measure (SVM) 0.4 Ambient temperature range -20 to +40 °C

Initial Performance (IEC Compliant)

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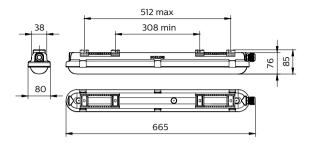
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38,0.38) SDCM≤3
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching	SDCM≤3
(McAdam ellipse)	

Over Time Performance (IEC Compliant)				
Control gear failure rate at median useful life	5 %			
50000 h				
Lumen maintenance (EN-IEC 62722-2-1) at	-			
median useful life* 35000 h				
Lumen maintenance (EN-IEC 62722-2-1) at	L80			
median useful life* 50000 h				
Lumen maintenance (EN-IEC 62722-2-1) at	-			
median useful life* 75000 h				
Lumen maintenance (EN-IEC 62722-2-1) at	L65			
median useful life* 100000 h				
Product Data				
Order product name	WT120C G2 LED20S/840 PSU L600			
Full product name	WT120C G2 LED20S/840 PSU L600			
Full product code	872016975426399			

Full product name	WT120C G2 LED20S/840 PSU L600
Full product code	872016975426399
Order code	911401815487
Material Nr. (12NC)	911401815487
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169754263
Numerator - Packs per outer box	9
EAN/UPC - Case	8720169754379

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Dimensional drawing





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