



CoreLine Waterproof

WT120C G2 LED40S/840 PSD L600

CoreLine Waterproof, 25 W, L600 mm, 4000 lm, 4000 K, DALI, 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		Sustainabili
Number of gear units	1 unit	
Driver included	Yes	Light Tech
Service tag	Yes	Luminous F
Value ladder	Performance	Saturated R
Serviceability class	Class B, luminaire is equipped with some	Correlated
	serviceable parts (when applicable):	Luminous E
	driver, control units, surge protection	Color rende
	device, front cover and mechanical parts	Light source
Warranty period	5 years	Optic type

Sustainability rating	-
Light Technical	
Luminous Flux	4,000 lm
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	160 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	23.1 A
Inrush time	0.221 ms
Power Consumption	25 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 5-pole
Cable	-
Number of products on MCB of 16 A type B	22
Suitable for random switching	No
Protection class IEC	Safety class I
Total harmonic distortion	20 %
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
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)	0.830 kg
Emergency Operation	
Central Emergency	No
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 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)	
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 LED40S/840 PSD L600 WT120C G2 LED40S/840 PSD L600 Full product name 872016975432499 Full product code Order code 911401816087 Material Nr. (12NC) 911401816087 Numerator - Quantity Per Pack 1

8720169754324

8720169754430

9

0
10

EAN/UPC - Product/Case

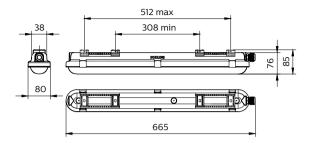
EAN/UPC - Case

Numerator - Packs per outer box

Temperature 850 °C, duration 30 s

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Dimensional drawing





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