PHILIPS Lighting



CoreLine Waterproof

WT120C G2 LED60S/840 PSU ELB3 L1500

CoreLine Waterproof, 49.5 W, L1500 mm, 6000 lm, 4000 K, Wide beam, Frosted, IP65, IK08, TW1-ready, ELB3h

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		Service tag	Yes
Lamp family code	LED60S [LED Module, system flux 6000 lm]	Product family code	WT130C [Coreline Waterproof G2 LSC]
Light source replaceable	No	Lighting Technology	LED
Number of gear units	1 unit	Type of emergency lighting battery	Lithium
Driver included	Yes	Value ladder	Performance
Feed-through wiring	Simple Connection and removable cover	CE mark	CE mark
	available for feed-through wiring 1-phase	Warranty period	5 years
	(internal wiring is not included)	Flammability mark	For mounting on easily flammable surfaces
Remarks	*-Per Lighting Europe guidance paper	ENEC mark	ENEC mark
	"Evaluating performance of LED based	Glow-wire test	Temperature 850 °C, duration 30 s
	luminaires - January 2018": statistically there	EU RoHS compliant	Yes
	is no relevant difference in lumen		
	maintenance between B50 and for example	Light Technical	
	B10. Therefore, the median useful life (B50)	Luminous Flux	6,000 lm
	value also represents the B10 value.		

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Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	121 lm/W	
Color rendering index (CRI)	>80	
Flickering value (PstLM) - Flickering value 1		
as per EN 61000-3-3		
Stroboscopic effect visibility measure	1.6	
(SVM)		
Light source color	840 neutral white	
Optic type	Wide beam	
Luminaire light beam spread	105°	
Unified glare rating CEN	25	

Operating and Electrical

220 to 240 V
50 or 60 Hz
5.56 A
0.047 ms
49.5 W
0.9
Push-in connector 4-pole
-
36

Temperature		
Ambient temperature range	0 to +25 °C	

Controls and Dimming

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

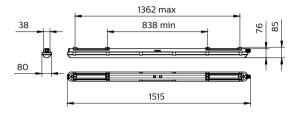
Mechanical and Housing

-	
Housing Material	Polycarbonate
Reflector material	Steel
Optic material	Polycarbonate
Optical cover 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

Emergency Operation	
Emergency flux	500 lm
Power consumption during Central DC	3 W
emergency mode	
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proc
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
Photobiological fisk	EN62778
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38,0.38)SDCM<=3
Power consumption tolerance	+/-10%
-	
Over Time Performance (IEC Compl	iant)
Control gear failure rate at median useful	5%
life 50000 h	
Lumen maintenance at median useful	80
life* 50000 h	
Lumen maintenance at median useful	70
life* 100000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	
	Not applicable
Suitable for random switching	Not applicable
Product Data	
Order product name	WT120C G2 LED60S/840 PSU ELB3 L1500
Full product name	WT120C G2 LED60S/840 PSU ELB3 L1500
Full product code	871829185421000
Order code	85421000
	910505100073
Material Nr. (12NC)	
Material Nr. (12NC) Numerator - Quantity Per Pack	1
	1 8718291854210
Numerator - Quantity Per Pack	•

CoreLine Waterproof

Dimensional drawing





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