PHILIPS Lighting



CoreLine Waterproof

WT120C LED40S/840 IA1 L1200

CoreLine Waterproof, 36.5 W, L1200 mm, 4100 lm, 4000 K, Wireless, Interact Ready, Textured, 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.

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	-	Product family code	WT120C [Coreline Waterproof]
Light source replaceable	No	Connectivity	Interact Ready
Number of gear units	1 unit	Lighting Technology	LED
Driver included	Yes	Value ladder	Performance
Feed-through wiring	Simple Connection and removable cover	Embedded control	Interact SNS210 sensor
	available for feed-through wiring 1-phase	CE mark	Yes
	(internal wiring is not included)	Warranty period	5 years
Remarks	*-Per Lighting Europe guidance paper	Flammability mark	For mounting on easily flammable surfa
	"Evaluating performance of LED based	ENEC mark	ENEC mark
	luminaires - January 2018": statistically there	Glow-wire test	Temperature 850 °C, duration 30 s
	is no relevant difference in lumen	EU RoHS compliant	Yes
	maintenance between B50 and for example		
	B10. Therefore, the median useful life (B50)		
	value also represents the B10 value.		

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Light Technical	
Luminous Flux	4,100 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	112 lm/W
Color rendering index (CRI)	≥80
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	-
Luminaire light beam spread	110°
Unified glare rating CEN	24

Optical cover finish	Textured
Overall length	1,250 mm
Overall width	87 mm
Overall height	96 mm
Dimensions (Height x Width x Depth)	96 x 87 x 1250 mm

Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Protection class IEC	Safety class I

+/-10%

(0.38, 0.38) SDCM <3

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	21 A
Inrush time	0.28 ms
Power Consumption	36.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type	22

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Temperature

Controls and Dimming	
Dimmable	Wireless Dim
Driver/power unit/transformer	Power supply unit regulating
Control interface	Wireless
Constant light output	No

-20 to +35 °C

Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	Steel
Optic material	-
Optical cover material	Polycarbonate
Fixation material	Stainless steel
Housing Color	Grey

Power consumption tolerance +/-10%

Over Time Performance (IEC Compliant)

Initial Performance (IEC Compliant)

Control gear failure rate at median useful	5 %
life 50000 h	
Lumen maintenance at median useful	L75
life* 50000 h	

Application Conditions

Luminous flux tolerance

Initial chromaticity

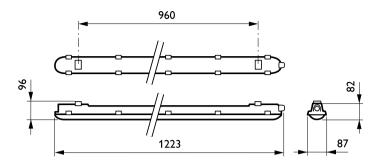
Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes

Product Data Order product name WT120C LED40S/840 IA1 L1200 Full product name WT120C LED40S/840 IA1 L1200

Full product code	871869939713500
Order code	39713500
Material Nr. (12NC)	910500465266
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699397135
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699397135

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Dimensional drawing





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