# **PHILIPS** Lighting



# **CoreLine Waterproof**

# WT120C G2 LED120S/840 PSU L1500

CoreLine Waterproof, 75 W, L1500 mm, 12000 lm, 4000 K, Symmetrical, Clear, IP65

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		Luminous Effica
Number of gear units	1 unit	Saturated Red (
Driver included	Yes	Correlated Colo
Value ladder	Performance	Color rendering
Serviceability class	Class B, luminaire is equipped with some	Stroboscopic ef
	serviceable parts (when applicable):	Light source col
	driver, control units, surge protection	Optic type
	device, front cover and mechanical parts	Luminaire light
		Unified glare ra
Light Technical		
Luminous Flux	12,000 lm	

Luminous Efficacy (rated) (Nom)	160 lm/W
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	>80
Stroboscopic effect visibility measure (SVM)	0.4
Light source color	840 neutral white
Optic type	Symmetrical
Luminaire light beam spread	110°
Unified glare rating CEN	25

Datasheet, 2024, July 12

## **CoreLine Waterproof**

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	19 A
Inrush time	0.28 ms
Power Consumption	75 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	24
Temperature	
Ambient temperature range	-20 to +40 °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	Grey
Optical cover finish	Clear
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
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-
	proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Sustainability rating	-
Protection class IEC	Safety class I

Temperature 850 °C, duration 30 s

For mounting on easily flammable

surfaces

CE mark

ENEC mark	ENEC mark
Warranty period	5 years
Photobiological risk	Photobiological risk group 1@200mm to
	EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38,0.38) SDCM≤3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compliant	.)
Control gear failure rate at median useful life	5 %
50000 h	
Lumen maintenance at median useful life*	-
35000 h	
Lumen maintenance at median useful life*	L80
50000 h	
Lumen maintenance at median useful life*	-
75000 h	
Lumen maintenance at median useful life*	L65
100000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Suitable for random switching	No
Due due t De te	
Product Data	WE1226 C2 LED1226 /240 DCL L1500
Order product name	WT120C G2 LED120S/840 PSU L1500
Full product name	WT120C G2 LED120S/840 PSU L1500
Full product code	872016975431799
Order code	911401815987
Material Nr. (12NC)	911401815987
Numerator - Quantity Per Pack	1
Net Weight (Piece)	1.730 kg
EAN/UPC - Product/Case	8720169754317
Numerator - Packs per outer box	9
EAN/UPC - Case	8720169754423

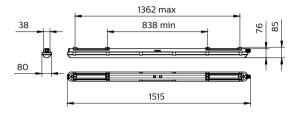
Glow-wire test

CE mark

Flammability mark

## **CoreLine Waterproof**

#### Dimensional drawing





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