PHILIPS Lighting



CoreLine Waterproof

WT120C G2 LED34S/840 PSU ELB3 L1500

CoreLine Waterproof, 30 W, L1500 mm, 3400 lm, 4000 K, Wide beam, Frosted, IP65, IK08, TW1-ready, ELB3h

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	
Lamp family code	LED34S [LED module, system flux 3400 lm]
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Feed-through wiring	Simple Connection and removable cover
	available for feed-through wiring 1-phase
	(internal wiring is not included)
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there

	is no relevant difference in lumen
	maintenance between B50 and for example
	B10. Therefore, the median useful life (B50)
	value also represents the B10 value.
Service tag	Yes
Product family code	WT130C [Coreline Waterproof G2 LSC]
Lighting Technology	LED
Type of emergency lighting battery	Lithium
Value ladder	Performance
CE mark	CE mark
Warranty period	5 years

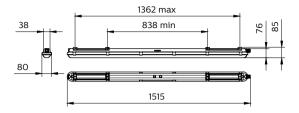
CoreLine Waterproof

Flammability mark	For mounting on easily flammable surfaces	Overall width
ENEC mark	ENEC mark	Overall height
Glow-wire test	Temperature 850 °C, duration 30 s	Dimensions (Height x
EU RoHS compliant	Yes	
		Emergency Opera
Light Technical		Emergency flux
Luminous Flux	3,400 lm	Emergency Power
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	113 lm/W	Approval and App
Color rendering index (CRI)	>80	Ingress protection co
Flickering value (PstLM)	1	Mech. impact protect
Stroboscopic effect value (SVM)	1.6	Sustainability rating
Light source color	840 neutral white	Protection class IEC
Optic type	Wide beam	Photobiological risk
Luminaire light beam spread	105°	
Unified glare rating CEN	25	
		Initial Performanc
Operating and Electrical		Luminous flux tolerar
Input Voltage	220 to 240 V	Initial chromaticity
Line Frequency	50 or 60 Hz	Power consumption
Inrush current	5.16 A	
Inrush time	0.047 ms	Over Time Perform
Power Consumption	30 W	Control gear failure r
Power Factor (Fraction)	0.86	life 50000 h
Connection	Push-in connector 4-pole	Lumen maintenance
Cable	-	life* 50000 h
Number of products on MCB of 16 A type	36	Lumen maintenance
В		life* 100000 h
Temperature		Application Condi
Ambient temperature range	0 to +25 °C	Performance ambien
		Maximum dim level
Controls and Dimming		Suitable for random
Dimmable	No	
Driver/power unit/transformer	Power supply unit (On/Off)	Product Data
Constant light output	No	Order product name
		Full product name
Mechanical and Housing		Full product code
Housing Material	Polycarbonate	Order code
Reflector material	Steel	Material Nr. (12NC)
Optic material	Polycarbonate	Numerator - Quantity
Optical cover material	Polycarbonate	EAN/UPC - Product/
Fixation material	Stainless steel	Numerator - Packs p
Housing Color	Gray	EAN/UPC - Case
Optical cover finish	Frosted	

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
Emergency Power	3 W
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
Photobiological risk	Photobiological risk group 0 @200mm to
0	EN62778
Initial Performance (IEC Compliant)
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38,0.38)SDCM<=3
Power consumption tolerance	+/-10%
	., 10,0
Over Time Performance (IEC Comp	liant)
Control gear failure rate at median usefu	1.5%
Control gear failure rate at median useful	l 5%
life 50000 h	
life 50000 h Lumen maintenance at median useful	ıl 5% 85
life 50000 h Lumen maintenance at median useful life* 50000 h	85
life 50000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful	
life 50000 h Lumen maintenance at median useful life* 50000 h	85
life 50000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 100000 h	85
life 50000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions	85 70
life 50000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq	85 70 25 °C
life 50000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level	85 70 25 °C Not applicable
life 50000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq	85 70 25 °C
life 50000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level	85 70 25 °C Not applicable
life 50000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching	85 70 25 °C Not applicable
life 50000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data	85 70 25 °C Not applicable Not applicable
life 50000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name	85 70 25 °C Not applicable Not applicable WT120C G2 LED34S/840 PSU ELB3 L1500
life 50000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name	85 70 25 °C Not applicable Not applicable WT120C G2 LED345/840 PSU ELB3 L1500 WT120C G2 LED345/840 PSU ELB3 L1500
life 50000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code	85 70 70 25 °C Not applicable Not applicable WT120C G2 LED34S/840 PSU ELB3 L1500 WT120C G2 LED34S/840 PSU ELB3 L1500 871829185420300
life 50000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	85 70 70 25 °C Not applicable Not applicable WT120C G2 LED34S/840 PSU ELB3 L1500 WT120C G2 LED34S/840 PSU ELB3 L1500 871829185420300 910505100062 910505100062
life 50000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	85 70 70 25 °C Not applicable Not applicable WT120C G2 LED345/840 PSU ELB3 L1500 WT120C G2 LED345/840 PSU ELB3 L1500 871829185420300 910505100062 910505100062 910505100062 1
life 50000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case	85 70 70 25 °C Not applicable Not applicable WT120C G2 LED34S/840 PSU ELB3 L1500 WT120C G2 LED34S/840 PSU ELB3 L1500 871829185420300 910505100062 910505100062 1 1 8718291854203
life 50000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	85 70 70 25 °C Not applicable Not applicable WT120C G2 LED345/840 PSU ELB3 L1500 WT120C G2 LED345/840 PSU ELB3 L1500 871829185420300 910505100062 910505100062 910505100062 1

CoreLine Waterproof

Dimensional drawing





© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, October 5 - data subject to change