



CoreLine Waterproof

WT120C G2 LED34S/840 PSU L1500

CoreLine Waterproof, 24.3 W, L1500 mm, 3400 lm, 4000 K, Wide beam, Matte, IP65, IK08, TW1-ready

L1500 mm, Polycarbonate, Grey, Power supply unit (On/Off), 3400 lm, 24.3 W, 140 lm/W, 4000 K, (0.38,0.38)SDCM<=3, Wide beam, Matte, Polycarbonate, IP65 | Dust penetration-protected, jet-proof, IK08 | 5 J vandal-protected, Safety class I, Push-in connector 3-pole, Simple connection and removable cover available for feed-through wiring 1-phase (internal wiring is not included)

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	
Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
Service Tag	Yes
Lighting Technology	LED
Value ladder	Performance
Warranty period	5 years
Light Technical	
Luminous Flux	3,400 lm
Correlated Colour Temperature (Nom)	4000 K
Luminous efficacy (rated) (nom.)	140 lm/W
Colour rendering index (CRI)	>80

Light source colour	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	105°
Unified Glare Rating (CEN)	25
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	5.16 A
Inrush time	0.047 ms
Power Consumption	24.3 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	-

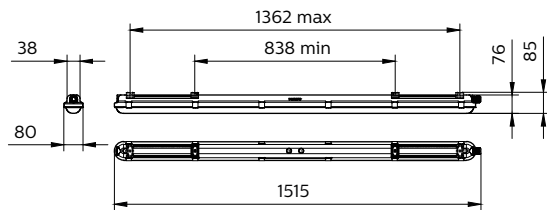
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Number of products on MCB (16 A type B)		60
Suitable for random switching	Not applicable	
Protection class IEC	Safety class I	
Feed-through wiring	Simple connection and removable cover available for feed-through wiring 1-phase (internal wiring is not included)	
Total harmonic distortion	20 %	
Controls and Dimming		
Dimmable	No	
Driver/power unit/transformer	Power supply unit (On/Off)	
Control interface	-	
Constant light output	No	
Maximum dim level	Not applicable	
Mechanical and Housing		
Housing material	Polycarbonate	
Reflector material	Steel	
Optic material	Polycarbonate	
Optical cover/lens material	Polycarbonate	
Fixation material	Stainless steel	
Housing Colour	Grey	
Optical cover/lens finish	Matte	
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	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]	
Mech. impact protection code	IK08 [5 J vandal-protected]	
Net Weight (Piece)	1.500 kg	
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 0 @200mm to EN62778	
EU RoHS compliant	Yes	
Performance ambient temperature Tq	25 °C	
Remarks	* – According to the Lighting Europe guidance paper 'Evaluating the performance of LED - based luminaires – January 2018; statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value.	
Flickering value (PstLM)	1	
Stroboscopic effect	1.6	
Ambient temperature range	-20 to +40 °C	

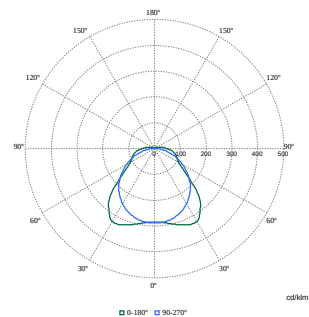
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38,0.38)SDCM<=3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L80
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L70
Sustainability Data	
Sustainability rating	Unclassified
Repair class	Repair Class C, the driver of this luminaire can be replaced by a service technician. Special care is required during disassembly and reassembly, and specific tools may be required. Parts and documentation are available for a period of time.
Embedded carbon (A1-A3)	11.5 kg CO ₂ e
Product non-virgin material ratio	11.9 %
Recyclable the content ratio of the finished product	55.7 %
GWP total B6 (kg CO ₂ eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO ₂ eq / kWh)
GWP total B6 (kg CO ₂ eq) Functional Unit	Please calculate using your local energy mix value: POWER DECLARED UNIT (kW) * 1000 (lm) / LUMEN OUTPUT DECLARED UNIT (lm) * 35000 (hrs) * ENERGY MIX (kg CO ₂ eq / kWh)
Product Data	
Order product name	WT120C G2 LED34S/840 PSU L1500
Full product name	WT120C G2 LED34S/840 PSU L1500
Full EOC	871829184047399
Order code	911401823680
Material no. (12 NC)	911401823680
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8718291840473
Numerator – packs per outer box	9
EAN/UPC - Case	8710163346335
Product family code	WT130C [Coreline Waterproof G2 LSC]

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Dimensional drawing



Photometric data



Polar Normal (separate) - WT120CI - 911401823680

