



CoreLine Waterproof

WT120C G2 LED40S/840 PSU L1200

840 neutral white - Power supply unit

CoreLine waterproof delivers on the CoreLine promise of innovative, easy-to-use and high-quality luminaires. CoreLine waterproof products can directly replace traditional waterproof luminaires with fluorescent lamps ranging from 18W up to 58W. With its slim and stylish design, it continues to keep its well-known and appreciated architecture. Installation is quick and easy, all thanks to its efficient design. CoreLine waterproof provides better wide-beam light distribution for straightforward and effective lighting. Interact Ready luminaires with integrated wireless communications are also available in this range, ready to be used with Interact gateways, sensors and software.

Product data

General Information	
Beam angle of light source	_ °
Light source color	840 neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optic type	Beam angle 110°
Optical cover/lens type	Micro-lens optic
Luminaire light beam spread	105°
Control interface	-
Connection	Push-in connector 3-pole
Cable	-
Protection class IEC	Safety class I
Glow-wire test	Temperature 850 °C, duration 30 s
Flammability mark	For mounting on easily flammable surfaces
- man	To mounting on easily flaminable surfaces

CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
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.
Constant light output	No
Number of products on MCB of 16 A type	24
В	
EU RoHS compliant	Yes
Service tag	Yes

Datasheet, 2020, February 17 data subject to change

CoreLine Waterproof

Operating and Electrical Input Voltage 220 to 240 V Input Frequency 50 or 60 Hz Inrush current 5.16 A Inrush time 0.047 ms Power Factor (Min) 0.9 Controls and Dimming Dimmable No Mechanical and Housing Housing Material Polycarbonate Reflector material Steel Optic material Polycarbonate Optical cover/lens material Steel Fixation material Steel Optical cover/lens finish Frosted Overall length 1215 mm Overall width 80 mm Overall width 80 mm Overall height x Width x Depth) 76 x 80 x 1215 mm (3 x 3.1 x 47.8 in) Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IKO8 [5 J vandal-protected] Initial Performance (IEC Compliant) Initial Performance (IEC Compliant) Initial Iuminous flux (system flux) 4000 Im		
Input Voltage 220 to 240 V Input Frequency 50 or 60 Hz Inrush current 5.16 A Inrush time 0.047 ms Power Factor (Min) 0.9 Controls and Dimming Dimmable No Mechanical and Housing Housing Material Polycarbonate Reflector material Steel Optic material Polycarbonate Gear tray material Steel Optical cover/lens material Steel Optical cover/lens finish Frosted Overall length 1215 mm Overall width 80 mm Overall width 76 mm Color Gray Dimensions (Height x Width x Depth) 76 x 80 x 1215 mm (3 x 3.1 x 47.8 in) Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code III (IEC Compliant)	Unified glare rating CEN	25
Input Voltage 220 to 240 V Input Frequency 50 or 60 Hz Inrush current 5.16 A Inrush time 0.047 ms Power Factor (Min) 0.9 Controls and Dimming Dimmable No Mechanical and Housing Housing Material Polycarbonate Reflector material Steel Optic material Polycarbonate Gear tray material Steel Optical cover/lens material Steel Optical cover/lens finish Frosted Overall length 1215 mm Overall width 80 mm Overall width 76 mm Color Gray Dimensions (Height x Width x Depth) 76 x 80 x 1215 mm (3 x 3.1 x 47.8 in) Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code III (IEC Compliant)		
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Inrush current Inrush time O.047 ms O.9 Controls and Dimming Dimmable No Mechanical and Housing Housing Material Polycarbonate Reflector material Optic material Optical cover/lens material Steel Fixation material Steel Optical cover/lens finish Frosted Overall length Overall width Overall height Color Gray Dimensions (Height x Width x Depth) Ingress protection code IR65 [Dust penetration–protected, jet-proof] Mech. impact protection code IR68 [5 J vandal–protected] Initial Performance (IEC Compliant)	Input Voltage	220 to 240 V
Power Factor (Min) Controls and Dimming Dimmable No Mechanical and Housing Housing Material Reflector material Optic material Optical cover/lens material Polycarbonate Gear tray material Steel Fixation material Stainless steel Optical cover/lens finish Frosted Overall length Overall width Overall height Color Gray Dimensions (Height x Width x Depth) Approval and Application Ingress protection code Initial Performance (IEC Compliant) No No No No No No No No No N	Input Frequency	50 or 60 Hz
Controls and Dimming Dimmable No Mechanical and Housing Housing Material Reflector material Optic material Optical cover/lens material Optical cover/lens finish Fixation material Optical cover/lens finish Overall length Overall length Overall height Color Dimensions (Height x Width x Depth) Approval and Application Ingress protection code Initial Performance (IEC Compliant) No Mech. impact protection code Mech. impact protection code Initial Performance (IEC Compliant)	Inrush current	5.16 A
Controls and Dimming Dimmable No Mechanical and Housing Housing Material Polycarbonate Reflector material Optic material Optical cover/lens material Polycarbonate Gear tray material Steel Fixation material Stainless steel Optical cover/lens finish Frosted Overall length 1215 mm Overall width 80 mm Overall height 76 mm Color Gray Dimensions (Height x Width x Depth) Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code Initial Performance (IEC Compliant)	Inrush time	0.047 ms
Mechanical and Housing Housing Material Polycarbonate Reflector material Steel Optic material Polycarbonate Optical cover/lens material Polycarbonate Gear tray material Steel Fixation material Stainless steel Optical cover/lens finish Frosted Optical cover/lens finish Frosted Overall length 1215 mm Overall width 80 mm Overall height 76 mm Color Gray Dimensions (Height x Width x Depth) 76 x 80 x 1215 mm (3 x 3.1 x 47.8 in) Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code Initial Performance (IEC Compliant)	Power Factor (Min)	0.9
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Housing Material Polycarbonate Reflector material Steel Optic material Polycarbonate Optical cover/lens material Polycarbonate Gear tray material Steel Fixation material Stainless steel Optical cover/lens finish Frosted Overall length 1215 mm Overall width 80 mm Overall height 76 mm Color Gray Dimensions (Height x Width x Depth) 76 x 80 x 1215 mm (3 x 3.1 x 47.8 in) Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code Initial Performance (IEC Compliant)		
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Optical cover/lens material Polycarbonate Gear tray material Steel Fixation material Stainless steel Optical cover/lens finish Frosted Overall length 1215 mm Overall width 80 mm Overall height 76 mm Color Gray Dimensions (Height x Width x Depth) 76 x 80 x 1215 mm (3 x 3.1 x 47.8 in) Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code Initial Performance (IEC Compliant)	Housing Material	Polycarbonate
Optical cover/lens material Polycarbonate Gear tray material Steel Fixation material Stainless steel Optical cover/lens finish Frosted Overall length 1215 mm Overall width 80 mm Overall height 76 mm Color Gray Dimensions (Height x Width x Depth) 76 x 80 x 1215 mm (3 x 3.1 x 47.8 in) Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code Initial Performance (IEC Compliant)	Reflector material	Steel
Gear tray material Steel Fixation material Stainless steel Optical cover/lens finish Frosted Overall length 1215 mm Overall width 80 mm Overall height 76 mm Color Gray Dimensions (Height x Width x Depth) Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code Initial Performance (IEC Compliant)	Optic material	Polycarbonate
Pixation material Optical cover/lens finish Overall length Overall width Overall height Color Gray Dimensions (Height x Width x Depth) Approval and Application Ingress protection code In	Optical cover/lens material	Polycarbonate
Optical cover/lens finish Frosted Overall length Overall width Overall height To mm Color Gray Dimensions (Height x Width x Depth) Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IR08 [5 J vandal-protected] Initial Performance (IEC Compliant)	Gear tray material	Steel
Overall length 1215 mm Overall width 80 mm Overall height 76 mm Color Gray Dimensions (Height x Width x Depth) 76 x 80 x 1215 mm (3 x 3.1 x 47.8 in) Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IK08 [5 J vandal-protected] Initial Performance (IEC Compliant)	Fixation material	Stainless steel
Overall width 80 mm Overall height 76 mm Color Gray Dimensions (Height x Width x Depth) 76 x 80 x 1215 mm (3 x 3.1 x 47.8 in) Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IK08 [5 J vandal-protected] Initial Performance (IEC Compliant)	Optical cover/lens finish	Frosted
Overall height 76 mm Color Gray Dimensions (Height x Width x Depth) 76 x 80 x 1215 mm (3 x 3.1 x 47.8 in) Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IK08 [5 J vandal-protected] Initial Performance (IEC Compliant)	Overall length	1215 mm
Color Gray Dimensions (Height x Width x Depth) 76 x 80 x 1215 mm (3 x 3.1 x 47.8 in) Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IK08 [5 J vandal-protected] Initial Performance (IEC Compliant)	Overall width	80 mm
Dimensions (Height x Width x Depth) 76 x 80 x 1215 mm (3 x 3.1 x 47.8 in) Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IK08 [5 J vandal-protected] Initial Performance (IEC Compliant)	Overall height	76 mm
Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IK08 [5 J vandal-protected] Initial Performance (IEC Compliant)	Color	Gray
Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IK08 [5 J vandal-protected] Initial Performance (IEC Compliant)	Dimensions (Height x Width x Depth)	76 x 80 x 1215 mm (3 x 3.1 x 47.8 in)
Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IK08 [5 J vandal-protected] Initial Performance (IEC Compliant)		
Mech. impact protection code IK08 [5 J vandal-protected] Initial Performance (IEC Compliant)	Approval and Application	
Initial Performance (IEC Compliant)	Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
	Mech. impact protection code	IK08 [5 J vandal-protected]
Initial luminous flux (system flux) 4000 lm	Initial Performance (IEC Compliant)	
	Initial luminous flux (system flux)	4000 lm

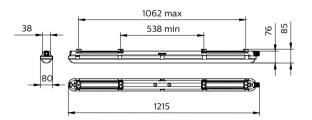
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	143 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.38,0.38)SDCM<=3
Initial input power	28.6 W
Power consumption tolerance	+/-10%
Over Time Performance (IEC Comp	pliant)
Control gear failure rate at median	1.75 %
useful life 50000 h	
Lumen maintenance at median useful	L75
life* 50000 h	
Application Conditions	
Ambient temperature range	-20 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Not applicable
Product Data	
Full product code	871829184048000
Order product name	WT120C G2 LED40S/840 PSU L1200
EAN/UPC - Product	8718291840480
Order code	911401823780
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	9
Material Nr. (12NC)	911401823780
Net Weight (Piece)	1.400 kg







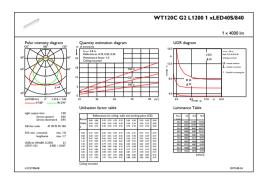
Dimensional drawing



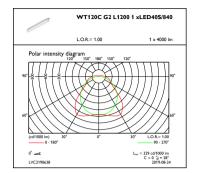
CoreLine Waterproof WT120C

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Photometric data



IFGU1_WT120CG2L12001xLED40S840



OFPC1_WT120CG2L12001xLED40S840



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