



CoreLine Waterproof

WT120C G2 LED80S/840 PSU L1500

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

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	18
В	
EU RoHS compliant	Yes
Service tag	Yes

Datasheet, 2020, January 16 data subject to change

CoreLine Waterproof

Unified glare rating CEN Operating and Electrical Input Voltage 120 to 240 V Input Frequency 150 or 60 Hz Inrush current 150 or 80 Hz Inrush time 1		
Input Voltage 220 to 240 V Input Frequency 50 or 60 Hz Inrush current 6.9 A Inrush time 0.058 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 1515 mm Overall width 80 mm Overall height 76 mm Color Gray Dimensions (Height x Width x Depth) 76 x 80 x 1515 mm (3 x 3.1 x 59.6 in) Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IRO8 [5 J vandal-protected]	Unified glare rating CEN	25
Input Voltage 220 to 240 V Input Frequency 50 or 60 Hz Inrush current 6.9 A Inrush time 0.058 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 1515 mm Overall width 80 mm Overall height 76 mm Color Gray Dimensions (Height x Width x Depth) 76 x 80 x 1515 mm (3 x 3.1 x 59.6 in) Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IRO8 [5 J vandal-protected]		
Input Frequency 50 or 60 Hz Inrush current 6.9 A Inrush time 0.058 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 1515 mm Overall width 80 mm Overall height 76 mm Color Gray Dimensions (Height x Width x Depth) 76 x 80 x 1515 mm (3 x 3.1 x 59.6 in) Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IRO8 [5 J vandal-protected]	Operating and Electrical	
Inrush current 6.9 A Inrush time 0.058 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 Fixation material Steel Optical cover/lens finish Frosted Overall length 1515 mm Overall width 80 mm Overall height 76 mm Color Gray Dimensions (Height x Width x Depth) 76 x 80 x 1515 mm (3 x 3.1 x 59.6 in) Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code 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 Fixation material Optical cover/lens finish Frosted Overall length Overall width Overall height Color Gray Dimensions (Height x Width x Depth) Ingress protection code Mech. impact protection code IRO8 [5 J vandal-protected] Initial Performance (IEC Compliant)	Input Frequency	50 or 60 Hz
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 Steel Optical cover/lens finish Frosted Overall length Overall width So mm Overall height Color 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	Inrush current	6.9 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 1515 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 IIK08 [5 J vandal-protected]	Inrush time	0.058 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 1515 mm Overall width 80 mm Overall height 76 mm Color Gray Dimensions (Height x Width x Depth) 76 x 80 x 1515 mm (3 x 3.1 x 59.6 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
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 1515 mm Overall width 80 mm Overall height 76 mm Color Gray Dimensions (Height x Width x Depth) 76 x 80 x 1515 mm (3 x 3.1 x 59.6 in) Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code Initial Performance (IEC Compliant)		
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 Overall length 1515 mm Overall width 80 mm Overall height 76 mm Color Gray Dimensions (Height x Width x Depth) 76 x 80 x 1515 mm (3 x 3.1 x 59.6 in) Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code Initial Performance (IEC Compliant)	Controls and Dimming	
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 1515 mm Overall width 80 mm Overall height 76 mm Color Gray Dimensions (Height x Width x Depth) 76 x 80 x 1515 mm (3 x 3.1 x 59.6 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)	Dimmable	No
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 1515 mm Overall width 80 mm Overall height 76 mm Color Gray Dimensions (Height x Width x Depth) 76 x 80 x 1515 mm (3 x 3.1 x 59.6 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)		
Reflector material Optic material Optical cover/lens material Gear tray material Fixation material Optical cover/lens finish Overall length Overall length Overall height Color Gray Dimensions (Height x Width x Depth) Approval and Application Ingress protection code Ingress protection code Ingress protection code Initial Performance (IEC Compliant) Steel Polycarbonate Steel Stainless steel Optical cover/lens finish Frosted Stainless steel Optical cover/lens finish Frosted Optical cover/lens finish Frosted Optical cover/lens material Steel Frosted Optical cover/lens material Frosted Optical cover/lens material Frosted Frosted Optical cover/lens material Frosted Frosted Frosted Optical cover/lens material Frosted Frosted Frosted Optical cover/lens material Frosted Frosted Optical cover/lens material Frosted Optical cover/lens material Frosted Optical cover/lens material Frosted Frosted Optical cover/lens material Frosted	Mechanical and Housing	
Optical cover/lens material Polycarbonate Gear tray material Steel Fixation material Stainless steel Optical cover/lens finish Frosted Overall length 1515 mm Overall width 80 mm Overall height 76 mm Color Gray Dimensions (Height x Width x Depth) 76 x 80 x 1515 mm (3 x 3.1 x 59.6 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 1515 mm Overall width 80 mm Overall height 76 mm Color Gray Dimensions (Height x Width x Depth) 76 x 80 x 1515 mm (3 x 3.1 x 59.6 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 1515 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 INOS [5 J vandal-protected] Initial Performance (IEC Compliant)	Optic material	Polycarbonate
Fixation material Optical cover/lens finish Frosted Overall length 1515 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 IR08 [5 J vandal-protected] Initial Performance (IEC Compliant)	Optical cover/lens material	Polycarbonate
Optical cover/lens finish Overall length 1515 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 IK08 [5 J vandal-protected]	Gear tray material	Steel
Overall length 1515 mm Overall width 80 mm Overall height 76 mm Color Gray Dimensions (Height x Width x Depth) 76 x 80 x 1515 mm (3 x 3.1 x 59.6 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 1515 mm (3 x 3.1 x 59.6 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 1515 mm (3 x 3.1 x 59.6 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	1515 mm
Color Gray Dimensions (Height x Width x Depth) 76 x 80 x 1515 mm (3 x 3.1 x 59.6 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 1515 mm (3 x 3.1 x 59.6 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	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 1515 mm (3 x 3.1 x 59.6 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) 8000 lm	Initial Performance (IEC Compliant)	
	Initial luminous flux (system flux)	8000 lm

+/-10%		
140 lm/W		
4000 K		
>80		
(0.38,0.38)SDCM<=3		
57.1 W		
+/-10%		
Over Time Performance (IEC Compliant)		
1.75 %		
L75		
-20 to +40 °C		
25 ℃		
Not applicable		
Not applicable		
871869940928900		
WT120C G2 LED80S/840 PSU L1500		

8718699409289

911401823980

911401823980

1.700 kg





EAN/UPC - Product Order code

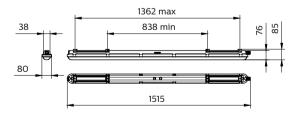
Material Nr. (12NC)

Net Weight (Piece)

Numerator - Quantity Per Pack Numerator - Packs per outer box



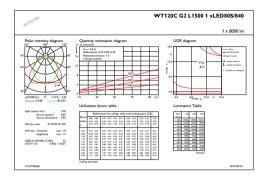
Dimensional drawing



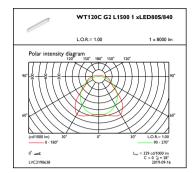
CoreLine Waterproof WT120C

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Photometric data



IFGU1_WT120CG2L15001xLED80S840



OFPC1_WT120CG2L15001xLED80S840



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