



# CoreLine waterproof - For every project where light really matters

## CoreLine Waterproof

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.

### Benefits

- Energy savings and longer lifetime to reduce operating costs
- Robust design enabling smarter, simpler and faster installation
- Uniform, wide-beam light distribution, which supports easy and attractive lighting design

# CoreLine Waterproof

## Features

- Energy efficient and long lifetime: up to 140lm/W and 50khrs L75 lifetime
- Many options available: L600/1200/1500, up to 8000lm, 4000K
- Smart product architecture with electrical and mechanical design supporting ease and flexibility of installation (longer sliders, faster lock opening, toolless electrical connections)
- Optional controls and versions available: DALI, Integrated wireless connectivity (Interact Ready), Sensors (MDU), Emergency Lighting (EL), waterproof external connector for easier installation (WEC), through wiring (TW)

## Application

- Parking Garages
- Manufacturing
- Warehouses
- General lighting

## Specifications

<b>Ambient Temperature</b>	-20 to +35 °C	<b>Initial input power</b>	15, 16, 17.6, 18.5, 20.5, 21, 22, 22.5, 23.5, 24.3, 24.5, 25.5, 26, 27, 28.6, 29.5, 30, 30.5, 32, 33, 34.5, 35, 35.5, 36.5, 39.5, 42.9, 45, 48, 49.5, 50, 51, 52, 57.1, 61, 66, 68, 71 W
	-20 to +40 °C	<b>Initial luminous flux</b>	1800, 1900, 2500, 2700, 3100, 3400, 3700, 4000, 4100, 5700, 6000, 7500, 8000 lm
	-25 to +35 °C	<b>Material</b>	Bracket:
	0 to +25 °C	<b>Material</b>	Housing: polycarbonate
<b>Dimming</b>	No, wireless Dim, yes	<b>Median Useful Life</b>	50000 h
<b>Driver</b>	Power supply unit (Power supply unit)	<b>L70B50</b>	
	Power supply unit regulating (Power supply unit regulating)		
	Power supply unit with DALI interface (Power supply unit with DALI interface)		
<b>Initial correlated color temperature</b>	4000 K		

## Versions



Coreline Waterproof G2 LSC - LED  
Module, system flux 2700 lm - 840  
neutral white - Power supply unit



840 neutral white - Power supply  
unit

# CoreLine Waterproof

## Product details



CoreLine Waterproof WT120C G2  
PCU-7DPP



CoreLine Waterproof WT120C G2  
PCU-3DPP



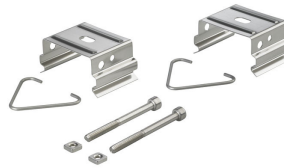
CoreLine Waterproof WT120C G2  
PCU-10DPP



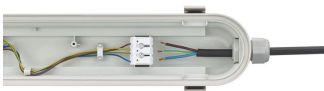
CoreLine Waterproof WT120C G2  
PCU-9DPP



CoreLine Waterproof WT120C G2  
PCU-12DPP



CoreLine Waterproof WT120C G2  
PCU-2DPP



CoreLine Waterproof WT120C G2  
PCU-13DPP



CoreLine Waterproof WT120C G2  
PCU-8DPP

# CoreLine Waterproof

## Product details

### CoreLine Waterproof WT120C G2 PCU-11DPP



Application Conditions	
Suitable for random switching	Not applicable
Approval and Application	
Mech. impact protection code	IK08
Ingress protection code	IP65
Operating and Electrical	
Input Voltage	220 to 240 V
General Information	
CE mark	CE mark
Protection class IEC	Safety class I
Optical cover/lens type	Micro-lens optic
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	For mounting on easily flammable surfaces
Glow-wire test	Temperature 850 °C, duration 30 s
Light source replaceable	No
Number of gear units	1 unit
Optic type	Beam angle 110°
Service tag	Yes
Initial Performance (IEC Compliant)	
Initial chromaticity	(0.38,0.38)SDCM<=3
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Luminous flux tolerance	+/-10%
Mechanical and Housing	
Color	Gray

## Application Conditions

Order Code	Full Product Name	Ambient temperature range	Maximum dim level
910505100038	WT120C G2 LED19S/840 PSD L600	-20 to +35 °C	1%
910505100039	WT120C G2 LED27S/840 PSU TW3 L1200	-20 to +35 °C	Not applicable
910505100042	WT120C G2 LED27S/840 PSU ELB3 L1200	0 to +25 °C	Not applicable
910505100044	WT120C G2 LED27S/840 PSD L1200	-20 to +35 °C	1%
910505100045	WT120C G2 LED27S/840 PSD ELB3 L1200	0 to +25 °C	1%
910505100047	WT120C G2 LED40S/840 PSU TW3 L1200	-20 to +35 °C	Not applicable
910505100050	WT120C G2 LED40S/840 PSU WEC L1200	-20 to +35 °C	Not applicable
910505100051	WT120C G2 LED40S/840 PSU TW1 WEC L1200	-20 to +35 °C	Not applicable
910505100052	WT120C G2 LED40S/840 IA1 L1200	-20 to +35 °C	10%
910505100053	WT120C G2 LED40S/840 PSD L1200	-20 to +35 °C	1%
910505100054	WT120C G2 LED40S/840 PSU ELB3 L1200	0 to +25 °C	Not applicable
910505100056	WT120C G2 LED40S/840 IA1 ELB3 L1200	0 to +25 °C	10%
910505100057	WT120C G2 LED40S/840 PSD ELB3 L1200	0 to +25 °C	1%
910505100058	WT120C G2 LED34S/840 PSU TW3 L1500	-20 to +35 °C	Not applicable
910505100061	WT120C G2 LED34S/840 PSD L1500	-20 to +35 °C	1%
910505100062	WT120C G2 LED34S/840 PSU ELB3 L1500	0 to +25 °C	Not applicable
910505100064	WT120C G2 LED34S/840 PSD ELB3 L1500	0 to +25 °C	1%
910505100066	WT120C G2 LED60S/840 PSU TW3 L1500	-20 to +35 °C	Not applicable
910505100069	WT120C G2 LED60S/840 PSU WEC L1500	-20 to +35 °C	Not applicable
910505100070	WT120C G2 LED60S/840 PSU TW1 WEC L1500	-20 to +35 °C	Not applicable
910505100071	WT120C G2 LED60S/840 IA1 L1500	-20 to +35 °C	10%
910505100072	WT120C G2 LED60S/840 PSD L1500	-20 to +35 °C	1%
910505100073	WT120C G2 LED60S/840 PSU ELB3 L1500	0 to +25 °C	Not applicable
910505100075	WT120C G2 LED60S/840 IA1 ELB3 L1500	0 to +25 °C	10%
910505100076	WT120C G2 LED60S/840 PSD ELB3 L1500	0 to +25 °C	1%
910505100077	WT120C G2 LED80S/840 PSU TW3 L1500	-20 to +35 °C	Not applicable
910505100079	WT120C G2 LED80S/840 PSD L1500	-20 to +35 °C	1%
910505100080	WT120C G2 LED80S/840 PSU L1500 ELB3	0 to +25 °C	Not applicable
911401823480	WT120C G2 LED19S/840 PSU L600	-20 to +40 °C	Not applicable
911401823580	WT120C G2 LED27S/840 PSU L1200	-20 to +40 °C	Not applicable
911401823680	WT120C G2 LED34S/840 PSU L1500	-20 to +40 °C	Not applicable
911401823780	WT120C G2 LED40S/840 PSU L1200	-20 to +40 °C	Not applicable
911401823880	WT120C G2 LED60S/840 PSU L1500	-20 to +40 °C	Not applicable
911401823980	WT120C G2 LED80S/840 PSU L1500	-20 to +40 °C	Not applicable

Order Code	Full Product Name	Ambient temperature range	Maximum dim level
911401836980	WT120C G2 LED18S/840 PSU PCO L600	-20 to +40 °C	Not applicable
911401837080	WT120C G2 LED25S/840 PSU PCO L1200	-20 to +40 °C	Not applicable
911401837180	WT120C G2 LED31S/840 PSU PCO L1500	-20 to +40 °C	Not applicable
911401837280	WT120C G2 LED37S/840 PSU PCO L1200	-20 to +40 °C	Not applicable
911401837380	WT120C G2 LED57S/840 PSU PCO L1500	-20 to +40 °C	Not applicable
911401837480	WT120C G2 LED75S/840 PSU PCO L1500	-20 to +40 °C	Not applicable

## Controls and Dimming

Order Code	Full Product Name	Dimmable	Order Code	Full Product Name	Dimmable
910505100038	WT120C G2 LED19S/840 PSD L600	Yes	910505100071	WT120C G2 LED60S/840 IA1 L1500	Wireless Dim
910505100039	WT120C G2 LED27S/840 PSU TW3 L1200	No	910505100072	WT120C G2 LED60S/840 PSD L1500	Yes
910505100042	WT120C G2 LED27S/840 PSU ELB3 L1200	No	910505100073	WT120C G2 LED60S/840 PSU ELB3 L1500	No
910505100044	WT120C G2 LED27S/840 PSD L1200	Yes	910505100075	WT120C G2 LED60S/840 IA1 ELB3 L1500	Wireless Dim
910505100045	WT120C G2 LED27S/840 PSD ELB3 L1200	Yes	910505100076	WT120C G2 LED60S/840 PSD ELB3 L1500	Yes
910505100047	WT120C G2 LED40S/840 PSU TW3 L1200	No	910505100077	WT120C G2 LED80S/840 PSU TW3 L1500	No
910505100050	WT120C G2 LED40S/840 PSU WEC L1200	No	910505100079	WT120C G2 LED80S/840 PSD L1500	Yes
910505100051	WT120C G2 LED40S/840 PSU TW1 WEC L1200	No	910505100080	WT120C G2 LED80S/840 PSU L1500 ELB3	No
910505100052	WT120C G2 LED40S/840 IA1 L1200	Wireless Dim	911401823480	WT120C G2 LED19S/840 PSU L600	No
910505100053	WT120C G2 LED40S/840 PSD L1200	Yes	911401823580	WT120C G2 LED27S/840 PSU L1200	No
910505100054	WT120C G2 LED40S/840 PSU ELB3 L1200	No	911401823680	WT120C G2 LED34S/840 PSU L1500	No
910505100056	WT120C G2 LED40S/840 IA1 ELB3 L1200	Wireless Dim	911401823780	WT120C G2 LED40S/840 PSU L1200	No
910505100057	WT120C G2 LED40S/840 PSD ELB3 L1200	Yes	911401823880	WT120C G2 LED60S/840 PSU L1500	No
910505100058	WT120C G2 LED34S/840 PSU TW3 L1500	No	911401823980	WT120C G2 LED80S/840 PSU L1500	No
910505100061	WT120C G2 LED34S/840 PSD L1500	Yes	911401836980	WT120C G2 LED18S/840 PSU PCO L600	No
910505100062	WT120C G2 LED34S/840 PSU ELB3 L1500	No	911401837080	WT120C G2 LED25S/840 PSU PCO L1200	No
910505100064	WT120C G2 LED34S/840 PSD ELB3 L1500	Yes	911401837180	WT120C G2 LED31S/840 PSU PCO L1500	No
910505100066	WT120C G2 LED60S/840 PSU TW3 L1500	No	911401837280	WT120C G2 LED37S/840 PSU PCO L1200	No
910505100069	WT120C G2 LED60S/840 PSU WEC L1500	No	911401837380	WT120C G2 LED57S/840 PSU PCO L1500	No
910505100070	WT120C G2 LED60S/840 PSU TW1 WEC L1500	No	911401837480	WT120C G2 LED75S/840 PSU PCO L1500	No

## General Information

Order Code	Full Product Name	Beam angle of light		Lamp family code	Product Family Code	Order Code	Full Product Name	Beam angle of light		Lamp family code	Product Family Code
		source	Emergency lighting					source	Emergency lighting		
910505100038	WT120C G2 LED19S/840 PSD L600	-	-	LED19S	WT130C	910505100045	WT120C G2 LED27S/840 PSD ELB3 L1200	-	Emergency lighting 3 hours duration	LED27S	WT130C
910505100039	WT120C G2 LED27S/840 PSU TW3 L1200	-	-	LED27S	WT130C	910505100047	WT120C G2 LED40S/840 PSU TW3 L1200	-	-	LED40S	WT130C
910505100042	WT120C G2 LED27S/840 PSU ELB3 L1200	-	Emergency lighting 3 hours duration	LED27S	WT130C	910505100050	WT120C G2 LED40S/840 PSU WEC L1200	-	-	LED40S	WT130C
910505100044	WT120C G2 LED27S/840 PSD L1200	-	-	LED27S	WT130C	910505100051	WT120C G2 LED40S/840 PSU TW1 WEC L1200	-	-	LED40S	WT130C

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Order Code	Full Product Name	Beam angle of light		Lamp family code	Product Family Code
		source	Emergency lighting		
910505100052	WT120C G2 LED40S/840 IA1 L1200	-	-	LED40S	WT130C
910505100053	WT120C G2 LED40S/840 PSD L1200	-	-	LED40S	WT130C
910505100054	WT120C G2 LED40S/840 PSU ELB3 L1200	-	Emergency lighting 3 hours duration	LED40S	WT130C
910505100056	WT120C G2 LED40S/840 IA1 ELB3 L1200	-	Emergency lighting 3 hours duration	LED40S	WT130C
910505100057	WT120C G2 LED40S/840 PSD ELB3 L1200	-	Emergency lighting 3 hours duration	LED40S	WT130C
910505100058	WT120C G2 LED34S/840 PSU TW3 L1500	-	-	LED34S	WT130C
910505100061	WT120C G2 LED34S/840 PSD L1500	-	-	LED34S	WT130C
910505100062	WT120C G2 LED34S/840 PSU ELB3 L1500	-	Emergency lighting 3 hours duration	LED34S	WT130C
910505100064	WT120C G2 LED34S/840 PSD ELB3 L1500	-	Emergency lighting 3 hours duration	LED34S	WT130C
910505100066	WT120C G2 LED60S/840 PSU TW3 L1500	-	-	LED60S	WT130C
910505100069	WT120C G2 LED60S/840 PSU WEC L1500	-	-	LED60S	WT130C
910505100070	WT120C G2 LED60S/840 PSU TW1 WEC L1500	-	-	LED60S	WT130C
910505100071	WT120C G2 LED60S/840 IA1 L1500	-	-	LED60S	WT130C
910505100072	WT120C G2 LED60S/840 PSD L1500	-	-	LED60S	WT130C
910505100073	WT120C G2 LED60S/840 PSU ELB3 L1500	-	Emergency lighting 3 hours duration	LED60S	WT130C
910505100075	WT120C G2 LED60S/840 IA1 ELB3 L1500	-	Emergency lighting 3 hours duration	LED60S	WT130C

Order Code	Full Product Name	Beam angle of light		Lamp family code	Product Family Code
		source	Emergency lighting		
910505100076	WT120C G2 LED60S/840 PSD ELB3 L1500	-	Emergency lighting 3 hours duration	LED60S	WT130C
910505100077	WT120C G2 LED80S/840 PSU TW3 L1500	-	-	LED80S	WT130C
910505100079	WT120C G2 LED80S/840 PSD L1500	-	-	LED80S	WT130C
910505100080	WT120C G2 LED80S/840 PSU L1500 ELB3	-	Emergency lighting 3 hours duration	LED80S	WT130C
911401823480	WT120C G2 LED19S/840 PSU L600	-°	-	-	-
911401823580	WT120C G2 LED27S/840 PSU L1200	-°	-	-	-
911401823680	WT120C G2 LED34S/840 PSU L1500	-°	-	-	-
911401823780	WT120C G2 LED40S/840 PSU L1200	-°	-	-	-
911401823880	WT120C G2 LED60S/840 PSU L1500	-°	-	-	-
911401823980	WT120C G2 LED80S/840 PSU L1500	-°	-	-	-
911401836980	WT120C G2 LED18S/840 PSU PCO L600	-°	-	-	-
911401837080	WT120C G2 LED25S/840 PSU PCO L1200	-°	-	-	-
911401837180	WT120C G2 LED31S/840 PSU PCO L1500	-°	-	-	-
911401837280	WT120C G2 LED37S/840 PSU PCO L1200	-°	-	-	-
911401837380	WT120C G2 LED57S/840 PSU PCO L1500	-°	-	-	-
911401837480	WT120C G2 LED75S/840 PSU PCO L1500	-°	-	-	-

## Initial Performance (IEC Compliant)

## CoreLine Waterproof

Order Code	Full Product Name	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
910505100038	WT120C G2 LED19S/840 PSD L600	119 lm/W	1900 lm	16 W
910505100039	WT120C G2 LED27S/840 PSU TW3 L1200	129 lm/W	2700 lm	21 W
910505100042	WT120C G2 LED27S/840 PSU ELB3 L1200	104 lm/W	2700 lm	26 W
910505100044	WT120C G2 LED27S/840 PSD L1200	123 lm/W	2700 lm	22 W
910505100045	WT120C G2 LED27S/840 PSD ELB3 L1200	100 lm/W	2700 lm	27 W
910505100047	WT120C G2 LED40S/840 PSU TW3 L1200	133 lm/W	4000 lm	30 W
910505100050	WT120C G2 LED40S/840 PSU WEC L1200	133 lm/W	4000 lm	30 W
910505100051	WT120C G2 LED40S/840 PSU TW1 WEC L1200	133 lm/W	4000 lm	30 W
910505100052	WT120C G2 LED40S/840 IA1 L1200	133 lm/W	4000 lm	30 W
910505100053	WT120C G2 LED40S/840 PSD L1200	133 lm/W	4000 lm	30 W
910505100054	WT120C G2 LED40S/840 PSU ELB3 L1200	114 lm/W	4000 lm	35 W
910505100056	WT120C G2 LED40S/840 IA1 ELB3 L1200	116 lm/W	4000 lm	34.5 W
910505100057	WT120C G2 LED40S/840 PSD ELB3 L1200	114 lm/W	4000 lm	35 W
910505100058	WT120C G2 LED34S/840 PSU TW3 L1500	136 lm/W	3400 lm	25.5 W
910505100061	WT120C G2 LED34S/840 PSD L1500	133 lm/W	3400 lm	25.5 W
910505100062	WT120C G2 LED34S/840 PSU ELB3 L1500	113 lm/W	3400 lm	30.5 W
910505100064	WT120C G2 LED34S/840 PSD ELB3 L1500	111 lm/W	3400 lm	30.5 W
910505100066	WT120C G2 LED60S/840 PSU TW3 L1500	133 lm/W	6000 lm	45 W
910505100069	WT120C G2 LED60S/840 PSU WEC L1500	133 lm/W	6000 lm	45 W
910505100070	WT120C G2 LED60S/840 PSU TW1 WEC L1500	133 lm/W	6000 lm	45 W

Order Code	Full Product Name	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
910505100071	WT120C G2 LED60S/840 IA1 L1500	132 lm/W	6000 lm	45.5 W
910505100072	WT120C G2 LED60S/840 PSD L1500	133 lm/W	6000 lm	45 W
910505100073	WT120C G2 LED60S/840 PSU ELB3 L1500	120 lm/W	6000 lm	50 W
910505100075	WT120C G2 LED60S/840 IA1 ELB3 L1500	120 lm/W	6000 lm	50 W
910505100076	WT120C G2 LED60S/840 PSD ELB3 L1500	118 lm/W	6000 lm	51 W
910505100077	WT120C G2 LED80S/840 PSU TW3 L1500	131 lm/W	8000 lm	61 W
910505100079	WT120C G2 LED80S/840 PSD L1500	131 lm/W	8000 lm	61 W
910505100080	WT120C G2 LED80S/840 PSU L1500 ELB3	121 lm/W	8000 lm	66 W
911401823480	WT120C G2 LED19S/840 PSU L600	127 lm/W	1900 lm	15 W
911401823580	WT120C G2 LED27S/840 PSU L1200	135 lm/W	2700 lm	20.5 W
911401823680	WT120C G2 LED34S/840 PSU L1500	142 lm/W	3400 lm	24.3 W
911401823780	WT120C G2 LED40S/840 PSU L1200	143 lm/W	4000 lm	28.6 W
911401823880	WT120C G2 LED60S/840 PSU L1500	143 lm/W	6000 lm	42.9 W
911401823980	WT120C G2 LED80S/840 PSU L1500	140 lm/W	8000 lm	57.1 W
911401836980	WT120C G2 LED18S/840 PSU PCO L600	120 lm/W	1800 lm	15 W
911401837080	WT120C G2 LED25S/840 PSU PCO L1200	125 lm/W	2500 lm	20.5 W
911401837180	WT120C G2 LED31S/840 PSU PCO L1500	129 lm/W	3100 lm	24.3 W
911401837280	WT120C G2 LED37S/840 PSU PCO L1200	132 lm/W	3700 lm	28.6 W
911401837380	WT120C G2 LED57S/840 PSU PCO L1500	136 lm/W	5700 lm	42.9 W
911401837480	WT120C G2 LED75S/840 PSU PCO L1500	132 lm/W	7500 lm	57.1 W

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