



# CoreLine waterproof gen3

## WT120C G3 24\_29\_35\_40S/840 PSU TW3 L600

CoreLine waterproof gen3, All-in, 25 W, 14.6 W, L600 mm, 2400 lm, 2900 lm, 3500 lm, 4000 lm, 4000 K, Symmetrical, Clear, IP66, IK08, TW3

L600 mm, Polycarbonate, Grey, Power supply unit (On/Off), All-in, Multi Lumen, 2400 lm, 2900 lm, 3500 lm, 4000 lm, 25 W, 14.6 W, 164 lm/W, 159 lm/W, 4000 K, (0.38, 0.37) SDCM<3, Symmetrical, Clear, Polycarbonate, IP66 | Dust penetration-protected, jet-proof, IK08 | 6 J, Safety class I, Push-in connector 5-pole, Feed-through wiring 3-phase

### 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		Operating and Electrical	
Number of gear units	1 unit	Light source color	840 neutral white
Driver included	Yes	Optic type	Symmetrical
Warranty period	5 years	Luminaire light beam spread	110°
Light Technical		Unified glare rating CEN	28
Luminous Flux	2,400 2,900 3,500 4,000 lm	All-in Type	All-in, Multi Lumen
Correlated Color Temperature (Nom)	4000 K	Input Voltage	220-240 V
Luminous Efficacy (rated) (Nom)	164 159 lm/W	Line Frequency	0/50/60 Hz
Color rendering index (CRI)	>80	Inrush current	24.5 A

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Inrush time	0.136 ms
Power Consumption	25 14.6 W
Power Factor (Fraction)	0.95
Connection	Push-in connector 5-pole
Cable	-
Number of products on MCB of 16 A type B	35
Suitable for random switching	Yes
Protection class IEC	Safety class I
Feed-through wiring	Feed-through wiring 3-phase

### Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

### Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	Steel
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Stainless steel
Housing Color	Grey
Optical cover finish	Clear
Overall length	685 mm
Overall width	80 mm
Overall height	76 mm
Dimensions (Height x Width x Depth)	76 x 80 x 685 mm
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [6 J]
Net Weight (Piece)	0.870 kg

### Emergency Operation

Central Emergency	No
Emergency lighting	-

### 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
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C

Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 °C to 40 °C

### Initial Performance (IEC Compliant)

Luminous flux tolerance	+15%/-5%
Initial chromaticity	(0.38, 0.37) SDCM<3
Power consumption tolerance	+/-10%

### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L90
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L80

### Sustainability Data

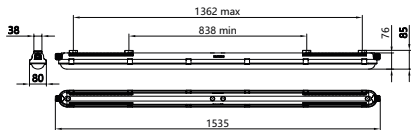
Sustainability rating	Unclassified
Repair class	Repair Class B, the driver and light source of this luminaire can be replaced by a service technician. Parts and documentation are available for an extended period of time.
Non-virgin material ratio of the packaging	Cardboard > 80% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80%
Packaging Material	Cardboard

### Product Data

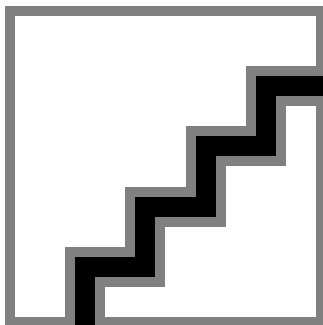
Order product name	WT120C G3 24_29_35_40S/840 PSU TW3 L600
Full product name	WT120C G3 24_29_35_40S/840 PSU TW3 L600
Full product code	872110339006600
Order code	39006600
Material Nr. (12NC)	910505106560
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103390066
Numerator - Packs per outer box	9
EAN/UPC - Case	8721103348975

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## Dimensional drawing



## Photometric data



Polar Normal (separate) - 910505106560

