Pole mounted light fitting

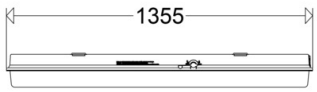
144 12L60 PM

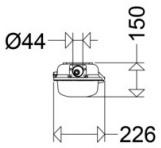
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General product description

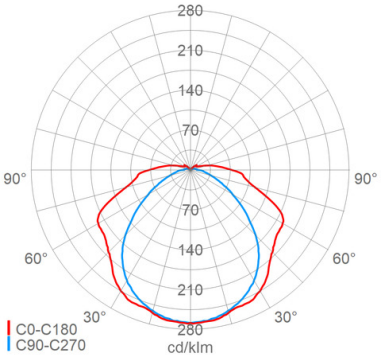
Extremely sturdy LED pole mounted light fitting for application in unprotected outdoor areas. Highly impact-resistant glass fibre reinforced polyester housing and clear PC diffuser with very high impact resistance. Central locking system and silicone gasket. Powder-coated aluminium reflector with highly efficient Zhaga LED modules, frosted LED covers for glare limitation and ECG with overload and short circuit protection.





General product benefits

- extremely sturdy high-quality light fitting with high mechanical and chemical resistance, for long-term application in rough industrial and unprotected outdoor areas
- housing and PC diffuser with high impact resistance, robust internal central locking system
- highly efficient by using high-quality LED modules
- homogenous illumination due to frosted protective covers on the LED modules, comfortable perception of light and brilliant glare limitation
- colour rendering index CRI>80, according to the workplace guidelines suitable for nearly all plant locations
- best suitable for food industry and food processing industry, in accordance with IFS Food (International Featured Standard Food)
- sustainable, interchangeable components
- future proof by using standardised Zhaga LED modules



Applications

- residential streets, main, by-roads and through roads, roundabouts,streets on factory sites, railway tracks, parking areas, car parks, gateways etc.
- for damp and cold ambient conditions with low duty cycles, please contact us

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Technical data

General

EAN/GTIN:	4041254425566

Key technical data

Light source:	LED
LED module standard:	Zhaga
Exchangeability:	light source and control gear replaceable by qualified person
Connected load:	44 W
Luminaire luminous flux:	6590 lm
Luminous efficacy:	150 lm/W
Colour temperature:	4000 K
Colour rendering (CRI):	≥ 80
Light colour:	840
Admissible ambient temperature T_a:	-20 °C to +40 °C
Control gear:	1 x ECG, Overload protection, Short circuit protection
Energy efficiency class:	B
I LED max:	300 mA
BEG-eligible (Germany):	Yes

Lighting technology

Optical system:	Diffuser
Optical system material:	PMMA
Light distribution:	symmetrical wide beam
Beam angle:	120 °
Photobiological safety:	RG1

Service life

Service life LED:	L90>50000 h (@ Ta 25°C), L80>70000 h (@ Ta max), L70>100000 h (@ Ta max)

Electrical connection

Rated voltage:	220 - 240 V, 50/60 Hz
Terminal clamp:	Cage clamp, 3-polig, 0,75 - 2,5 mm²
Max. no. with circuit breaker B16:	26
CB B10/B13/B20:	17/22/33
CB C10/C13/C16/C20:	27/35/44/54
Cable entries:	M20 (1x), cable gland (1x), Plastic, 6 - 13 mm
In-out wiring (RR):	Yes

Features/Certificates

Protection class:	I
IP rating:	IP66
IK rating:	IK10
Limited surface temperature D:	Yes

Features/Certificates

Approval marks:	CE

Mounting

Mounting method (accessories possibly needed):	Side-entry mounting
Operating position:	downwards radiation
Mounting:	2-point
Side-entry mounting:	Ø 42mm x 245mm

Housing

Housing material:	Glass fibre reinforced polyester
Colour:	grey

Cover

Cover type / material:	Diffuser (PC)
Cover characteristic:	clear with inner-prisms
Closure:	Central locking (hex socket 13mm)

Other features

International Food Standard (IFS):	Yes
Pressure compensation system:	Yes

Dimension/Weight

Length:	1355.00 mm
Width / Diameter:	226.00 mm
Height:	150.00 mm
Net weight:	7.76 kg

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Optional accessories / spare parts

Item no.	Item name	Item description
84001 9004	ABD 8404 SIL	Diffuser PC clear, gasket silicone