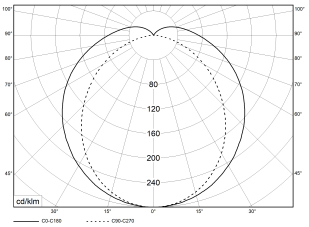
PAC-D
Moisture-proof luminaire

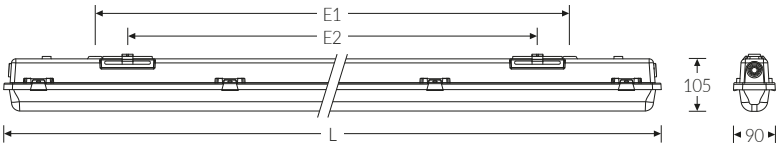
LEUCHTENTECHNIK TETTNANG

PACDT L12 18-31W 2700-4400 840 ETC | Art. No. 68818-31.1141i86.000





PMMA 650°C
IK03
HB



IP65

LED moisture-proof luminaire with diffuser with adjustable light output (MultiLumen), pre-set to maximum output upon delivery. Housing made of flame-retardant, glass-fibre-reinforced polyester (GRP), light grey. Non-ageing, foamed polyurethane (PU) seal. With integrated LED converter. White steel gear tray. The LED modules can be replaced by an authorised specialist. Diffuser made of UV-resistant polymethyl methacrylate (PMMA), opalised. Stainless-steel diffuser closure. Simple ceiling mounting via enclosed multifunctional rapid mounting brackets made of stainless steel (luminaire can be clipped in). Laterally adjustable by up to 60 mm for easy alignment of the luminaire. Luminaire with limited surface temperature – ideal for areas where conductive dust concentrations are expected.

Type of installation and area of application

Ceiling mounting, wall mounting, for mounting directly on the ceiling or wall, With bracket on ceiling or wall (vertical or horizontal), Suspended with mounting bracket and hanger
for use indoors and in covered outdoor areas
- Basic lighting

Technical specifications

Art. No.	68818-31.1141i86.000
Article name	PACDT L12 18-31W 2700-4400 840 ETC
Light source	LED, replaceable by an authorised specialist
Energy efficiency class(es) of the installed light source(s) (A–G)	Module 1: C
Gear	LED converter, replaceable by an authorised specialist
Number of light sources	1
Dimmable	not dimmable
Mains voltage	220-240V/50-60Hz
Voltage type	AC/DC
Min. connected load	18 W
Max. connected load	31 W
Output/power factor	0,90
Luminous efficacy, min. current draw	150 lm/W
Luminous efficacy, max. current draw	142 lm/W
Luminous flux, min.	2700 lm
Luminous flux, max.	4400 lm
Flicker value (ripple)	<= 5%
Colour temperature max.	4000 K
Colour rendering index Ra	Ra > 80
Colour tolerance (MacAdam)	3
Life expectancy	50000 h
Lifetime rating	L80/B10

PAC-D LED
Moisture-proof luminaire

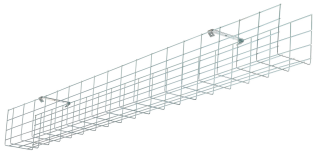
LEUCHTENTECHNIK TETTNANG

PACDT L12 18-31W 2700-4400 840 ETC | Art. No. 68818-31.1141i86.000

Technical specifications	
Light optics	Diffuser made of UV-resistant poly-methyl methacrylate (PMMA)
Light distribution	Extensive
Beam angle	120°
Unified Glare Rating UGR – max 4H–8H	27
Connection type	3-pin push-fit connector with plug-in contact
Number of luminaires on circuit breaker B16	58 Piece
Housing	Housing made of flame-retardant, glass-fibre-reinforced polyester (GRP)
Cable entry (position)	front
Halogen-free wiring	true
Ambient operating temperature – min.	-20 °C
Ambient operating temperature – max.	25 °C
Testing	
Protection class	SC I
Protection grade	IP65
Information about protection grade	The protection grade is only guaranteed at the factory if mounted using the enclosed mounting bracket
Shock resistance	IK03
Flammability (UL94)	HB
Glow-wire resistance	PMMA 650°C
CE-compliant	Yes
D marking	Yes
Certified for the food industry (HACCP)	Yes
VDE certified	Yes
ENEC certified	Yes
Mass and weight	
Length (L)	1220 mm
Width (B)	90 mm
Height (H)	105 mm
Fixing span (E1)	880 mm
Fixing span (E2) sliding fit, mounting bracket	760 mm
Information about protection grade	The protection grade is only guaranteed at the factory if mounted using the enclosed mounting bracket
Gross weight (including packaging)	1,83 Kg
Net weight	1,54 Kg
Contents / packaging quantity	1 Piece

PACDT L12 18-31W 2700-4400 840 ETC | Art. No. 68818-31.1141i86.000

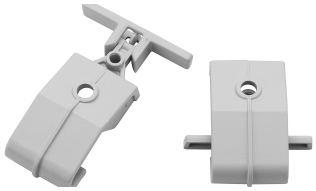
Accessories (optional)



Art. No.	Article name
36078001	Wire mesh protection SG 136



Art. No.	Article name
44149022	TRX chain, galvanised



Art. No.	Article name
35960980	Closure KIT, plastic PAC-D



Art. No.	Article name
35962270	TRA KIT TRA Clip Typ PACD - 35962270

The values stated are design values. Unless otherwise stated, the values apply to an ambient temperature of 25°C. Photometric values are subject to a general tolerance of +-10%. The technical contents correspond to the status at the time of printing. Subject to changes and errors.

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