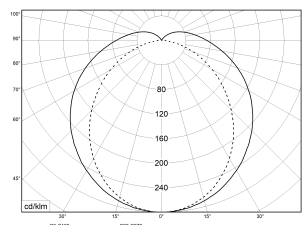
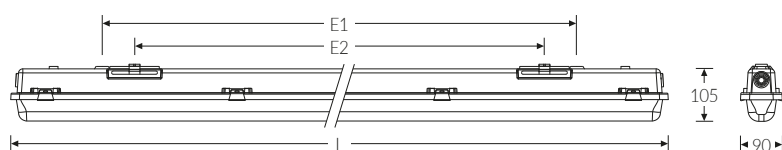


**PACDT L15 5900-840 48W ET ES3** | Art. No. 68813548.1141i86.076



PMMA  
650°C

IK03

HB



LED moisture-proof luminaire with diffuser, emergency lighting function (single accumulator) and auto-test function. 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. Approved for indoor use. Use in covered outdoor areas is only conditionally recommended due to the limited operating temperature range of the installed battery (min. +5°C).

#### 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  
Approved for indoor use only  
• Basic lighting with emergency lighting function

#### Technical specifications

|  |  |
|--|--|
| Art. No.   | 68813548.1141i86.076   |
| Article name   | PACDT L15 5900-840 48W ET ES3                                |
| Light source   | LED, replaceable by an authorised specialist                 |
| Energy efficiency class(es) of the installed light source(s) (A–G) | Module 1: D  |
| 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   |
| Max. connected load  | 45 W   |
| Output/power factor  | 0,90   |
| Luminous efficacy, max. current draw                               | 131 lm/W   |
| Luminous flux, max.  | 5900 lm  |
| Luminous flux during emergency operation                           | 712 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  |
| Light optics   | Diffuser made of UV-resistant polymethyl methacrylate (PMMA) |
| Light distribution   | Extensive  |

**PACDT L15 5900-840 48W ET ES3** | Art. No. 68813548.1141i86.076

#### Technical specifications

|   |   |
|---|---|
| Beam angle                                  | 120°  |
| Unified Glare Rating UGR – max 4H–8H        | 27  |
| Connection type                             | 5-pin push-fit connector with plug-in contact                           |
| Number of luminaires on circuit breaker B16 | 22 Piece  |
| Housing                                     | Housing made of flame-retardant, glass-fibre-reinforced polyester (GRP) |
| Cable entry (position)                      | front   |
| Halogen-free wiring                         | true  |
| Emergency lighting autonomy                 | 3 h   |
| Ambient operating temperature – min.        | 5 °C  |
| Ambient operating temperature – max.        | 25 °C   |

#### Testing

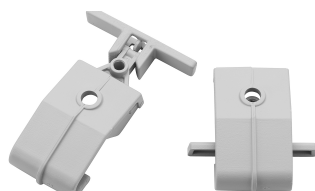
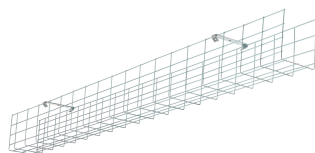
|   |   |
|---|---|
| Protection class                        | SC I  |
| Protection grade                        | IP65  |
| Information about protection grade      | The protection grade is only guaranteed at the factory if mounted using the enclosed mounting bracket |
| Shock resistance                        | IK03  |
| Flammability (UL94)                     | HB  |
| Glow-wire resistance                    | PMMA 650°C  |
| CE-compliant                            | Yes   |
| D marking                               | Yes   |
| Certified for the food industry (HACCP) | Yes   |

#### Mass and weight

|  |   |
|--|---|
| Length (L)                                     | 1520 mm   |
| Width (B)                                      | 90 mm   |
| Height (H)                                     | 105 mm  |
| Fixing span (E1)                               | 1180 mm   |
| Fixing span (E2) sliding fit, mounting bracket | 1060 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)             | 3,7 Kg  |
| Net weight                                     | 3,2 Kg  |
| Contents / packaging quantity                  | 1 Piece   |

PACDT L15 5900-840 48W ET ES3 | Art. No. 68813548.1141i86.076

## Accessories (optional)



| Art. No. | Article name                |
|----------|-----------------------------|
| 36078002 | Wire mesh protection SG 158 |

| 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 |