

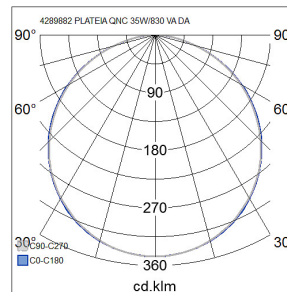
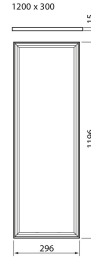


# Plateia Q

## 1200x300 IP40 35W/830 DA2 ACMP

An extensive range of low-profile luminaires designed for offices and other public spaces. Available in five housing sizes with opal and nano-prismatic diffusers. UGR<19 with the nano-prismatic diffuser. Recessed mounting on a T-grid ceiling or on a plasterboard ceiling with accessories. Surface mounting with a separate mounting frame.

Plateia Q Modular luminaire 35W 3000K 4000lm Dim DALI-2; IP40; Protection cl. II; L70B50 100000h; LED not exchangeable; Lamp included; CRI>80; SDCM3; Suitable for through wiring; 5x2.5mm<sup>2</sup>; Housing Steel; Colour wh; Cover Plastic, structured; C16 max. 90



| 1200x300 IP40 35W/830 DA2 ACMP |        |     |                |
|--------------------------------|--------|-----|----------------|
| PRODUCT CODE                   | CODE   | KG  | PRODUCT FAMILY |
| 4289882                        | D2PNBE | 4.7 | Plateia Q      |

| Mounting   |                             |
|--|-----------------------------|
| Suitable for wall mounting   | No                          |
| Suitable for suspended mounting  | Yes                         |
| Suitable for ceiling mounting  | Yes                         |
| Suitable for recessed mounting   | Yes                         |
| Suitable for surface mounting  | Yes                         |
| Suitable for light line configuration  | No                          |
| Suitable for clamp-mounting  | No                          |
| Fit for workplace acc. EN 12464-1  | Yes                         |
| Degree of protection (IP)  | IP40                        |
| Degree of protection (IP), rear side   | IP40                        |
| Degree of protection (IP), front side  | IP40                        |
| Max. number of luminaires per miniature circuit breaker C10 (MCB)                | 57                          |
| Max. number of luminaires per miniature circuit breaker B16                      | 55                          |
| Max. number of luminaires per miniature circuit breaker C16                      | 90                          |
| Luminaire with limited surface temperature, class "D" in acc. with EN 60598-2-24 | No                          |
| Suitable for emergency lighting  | No                          |
| Emergency function monitoring system   | None                        |
| Luminaire may be covered with thermally insulating material                      | No                          |
| Type of wiring   | Suitable for through wiring |
| Number of poles  | 5                           |
| Conductor cross section (mm <sup>2</sup> )                                       | 2.5                         |
| Connection type  | Screwless terminal          |
| Connectable conductor cross section (min) (mm <sup>2</sup> )                     | 1.5                         |
| Connectable conductor cross section (max) (mm <sup>2</sup> )                     | 2.5                         |
| Quantity of luminaires for MCB C16:  | 90                          |
| Quantity of luminaires for MCB B16:  | 55                          |

| Structure  |                      |
|--|----------------------|
| With mounting material   | Yes                  |
| Lamp type  | LED not exchangeable |
| Light source included  | Yes                  |
| Suitable for number of lamps   | 1                    |
| Lamp holder  | Other                |
| Housing material   | Aluminium            |
| Housing surface protection   | Powder coating       |
| Housing colour   | White                |
| Cover material   | Plastic, structured  |
| Type of grid   | Matt                 |
| Control gear included  | Yes                  |
| Exchangeable control gear  | Yes                  |
| Energy efficiency class of light source according to EU regulation 2019/2015 | Not required         |
| Containing product according to 2019/2020/EU                                 | Yes                  |
| Emergency power supply system  | None                 |
| Emergency power supply integrated  | No                   |
| With switch  | No                   |
| With air slots   | No                   |
| Filament test according to IEC 60695-2-11                                    | 650 °C - 30 s        |

| Dimming and control                       |     |
|---|-----|
| Dimmable                                  | Yes |
| Dimming 0-10 V                            | No  |
| Dimming 1-10 V                            | No  |
| Dimming DALI                              | No  |
| Dimming DALI-2                            | Yes |
| Dimming DMX                               | No  |
| Dimming DSI                               | No  |
| Dimming LineSwitch                        | No  |
| Dimming manufacturer's proprietary system | No  |
| Dimming mains voltage modulation          | No  |
| Dimming trailing edge                     | No  |
| Dimming leading edge                      | No  |
| Dimming programmable                      | Yes |
| Dimming potentiometer (integrated)        | No  |
| Dimming RF                                | No  |
| Dimming Sine Wave Reduction               | No  |
| Dimming Touch and Dim                     | No  |
| Dimming Zigbee                            | No  |
| Dimming with push-button                  | No  |
| No dimming function                       | No  |
| With presence indicator                   | No  |
| With movement sensor                      | No  |
| With light sensor                         | No  |
| Constant luminous flux control            | No  |
| Bluetooth operated                        | No  |
| Compatible with Casambi                   | No  |
| Compatible with Apple HomeKit             | No  |
| Compatible with Google Assistant          | No  |
| Compatible with Amazon Alexa              | No  |
| IFTTT support available                   | No  |

| Photometric data  |                           |
|---|---------------------------|
| Light distributor   | Diffuser lens/optic/panel |
| Light sharing   | Symmetric                 |
| Beam angle  | Extreme wide beam >80°    |
| Colour consistency (McAdam ellipse)                       | SDCM3                     |
| Light outlet  | Direct                    |
| Rated luminous flux according to IEC 62722-2-1 (min) (lm) | 4000                      |
| Rated luminous flux according to IEC 62722-2-1 (max) (lm) | 4000                      |
| Colour of light (alphanumeric)                            | White                     |
| Effective luminous flux (lm)                              | 4000                      |
| Colour temperature (min) (K)                              | 3000                      |
| Colour temperature (max) (K)                              | 3000                      |
| Colour rendering index (CRI/Ra)                           | 80-89                     |
| Photobiological safety according to EN 62471              | RG0                       |
| Unified Glare Rating (UGR)                                | 19                        |
| Colour temperature switchable                             | No                        |
| Lumen setting adjustable                                  | No                        |
| Beam angle adjustable                                     | No                        |

| Lifetime and capacity   |        |
|---|--------|
| Rated life time L70/B50 at 25 °C (h)  | 100000 |
| Rated life time L80/B50 at 25 °C  | 80000  |
| Lumen maintenance at median useful life of 35,000 hrs at 25 °C ambient (tq) (%) | 90     |
| Lumen maintenance at median useful life of 50,000 hrs at 25 °C ambient (tq) (%) | 85     |
| Failure rate at median useful life of 35,000 hrs at 25 °C ambient (tq) (%)      | 5      |
| Failure rate at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)      | 5      |
| Rated ambient temperature acc. IEC62722-2-1 (min) (°C)                          | 0      |
| Rated ambient temperature acc. IEC62722-2-1 (max) (°C)                          | 25     |

| Measurements               |      |
|----------------------------|------|
| Width (mm)                 | 296  |
| Height/depth (mm)          | 15   |
| Length (mm)                | 1196 |
| Built-in length (mm)       | 1200 |
| Built-in width (mm)        | 300  |
| Built-in height/depth (mm) | 80   |

| Electrotechnical data                   |   |
|---|---|
| Voltage type                            | AC                                      |
| Nominal voltage (min) (V)               | 220                                     |
| Nominal voltage (max) (V)               | 240                                     |
| Nominal current (min) (mA)              | 700                                     |
| Nominal current (max) (mA)              | 700                                     |
| Type of control gear                    | LED operating device current-controlled |
| Protection class according to IEC 61140 | II                                      |
| Suitable for lamp power (min) (W)       | 35                                      |
| Suitable for lamp power (max) (W)       | 35                                      |
| Luminaire efficacy (min) (lm/W)         | 114                                     |
| Luminaire efficacy (max) (lm/W)         | 114                                     |
| Maximum system power (W)                | 35                                      |
| Luminaire efficacy (lm/W)               | 114                                     |
| Power factor                            | 0.9                                     |