



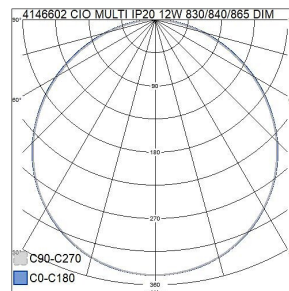
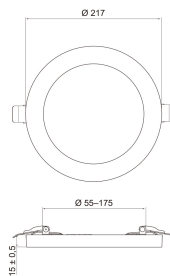
Cio Multi

IP20 12W 830/840/865 DIM WH

Cio Multi is a low-profile, lightweight panel luminaire with a changeable colour temperature, suitable for both surface and semi-recessed mounting. The colour temperature is selected from the three options available prior to installation. Cio Multi is suitable for dry spaces in residential buildings and public spaces, and it is an excellent solution for renovation projects. The luminaire also features a handy adjustable spring clip, which makes it suitable for installation into mounting hole with a diameter ranging from 55 mm to 250 mm, depending on the size of the product. The PIR model included in the range is particularly suitable for hallways and porches. The luminaires are dimmable (excluding the PIR model). Available in three housing sizes. A wide range of additional accessories are available for the luminaire. The colour of the luminaire can be changed with a decorative ring. The raising frame allows an installation with a surface cable.

Cio Multi Downlight 12W 3000K/4000K/6500K 1000lm
Beam angle Extreme wide beam >80°; Dim phase cut-on; IP20; IK03; Protection cl. II; L70B50 50000h; LED not exchangeable; CRI>80; Ending; 2x0.75mm²; Housing Plastic; Colour wh; Cover Plastic, opal; C16 max. 61

| IP20 12W 830/840/865 DIM WH | | | |
|-----------------------------|--------|------|----------------|
| PRODUCT CODE | CODE | KG | PRODUCT FAMILY |
| 4146602 | A1C10B | 0.55 | Cio Multi |



| Mounting | |
|--|--------|
| Suitable for surface mounting | Yes |
| Suitable for recessed mounting | Yes |
| Suitable for wall mounting | No |
| Suitable for suspended mounting | No |
| Suitable for ceiling mounting | Yes |
| Suitable for traverse mounting | No |
| Suitable for pedestal/floor mounting | No |
| Suitable for light-track mounting | No |
| Suitable for clamp-mounting | No |
| Suitable for low voltage cable system | No |
| Degree of protection (IP) | IP20 |
| Impact strength | IK03 |
| Type of wiring | Ending |
| Number of poles | 2 |
| Conductor cross section (mm ²) | 0.75 |
| Connectable conductor cross section (min) (mm ²) | 1.5 |
| Connectable conductor cross section (max) (mm ²) | 2.5 |
| Connection type | Other |
| Luminaire with limited surface temperature, class "D" in acc. with EN 60598-2-24 | No |
| Max. number of luminaires per miniature circuit breaker B16 | 40 |
| Max. number of luminaires per miniature circuit breaker C16 | 61 |
| Fit for workplace acc. EN 12464-1 | No |
| Luminaire may be covered with thermally insulating material | No |
| Quantity of luminaires for MCB C16: | 61 |
| Quantity of luminaires for MCB B16: | 92 |

| Structure | |
|--|----------------------|
| Adjustability | Not adjustable |
| Lamp type | LED not exchangeable |
| With lamp | Yes |
| Suitable for number of lamps | 1 |
| Lamp holder | Other |
| Housing material | Plastic |
| Housing colour | White |
| Cover material | Plastic, opal |
| Surface brushed | No |
| Control gear included | Yes |
| Exchangeable control gear | Yes |
| Reflector | None |
| Energy efficiency class of light source according to EU regulation 2019/2015 | F |
| Emergency power supply integrated | No |
| Filament test according to IEC 60695-2-11 | 650 °C - 30 s |

| Dimming and control | |
|---|-----|
| With movement sensor | No |
| With light sensor | No |
| Dimming 0-10 V | No |
| Dimming 1-10 V | No |
| Dimming DALI-2 | No |
| Dimming DALI | No |
| Dimming DMX | No |
| Dimming DSI | No |
| Dimming potentiometer (integrated) | No |
| Dimming LineSwitch | No |
| Dimming manufacturer's proprietary system | No |
| Dimming mains voltage modulation | No |
| Dimming phase cut-off | Yes |
| Dimming phase cut-on | Yes |
| Dimming programmable | 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 |
| Constant luminous flux control | No |
| IFTTT support available | No |
| Compatible with Apple HomeKit | No |
| Bluetooth operated | No |
| Compatible with Google Assistant | No |
| Compatible with Amazon Alexa | No |

| Photometric data | |
|--|---------------------------|
| Light distributor | Diffuser lens/optic/panel |
| Light sharing | Symmetric |
| Beam angle | Extreme wide beam >80° |
| Light outlet | Direct |
| Colour of light (alphanumeric) | White |
| Colour temperature (min) (K) | 3000 |
| Colour temperature (max) (K) | 6500 |
| Colour rendering index CRI | 80-89 |
| Luminous flux (min) (lm) | 1000 |
| Luminous flux (max) (lm) | 1000 |
| Effective luminous flux (lm) | 1000 |
| Colour temperature switchable | Discrete positions |
| Lumen setting adjustable | No |
| Beam angle adjustable | No |
| Photobiological safety according to EN 62471 | RG0 |
| Colour consistency (McAdam ellipse) | SDCM5 |
| Unified Glare Rating (UGR) | 22 |

| Lifetime and capacity | |
|---|-------|
| Rated life time L70/B50 at 25 °C (h) | 50000 |
| Lumen maintenance at median useful life of 35,000 hrs at 25 °C ambient (tq) | 80 |
| Lumen maintenance at median useful life of 50,000 hrs at 25 °C ambient (tq) | 70 |
| 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) | 10 |
| Rated ambient temperature acc. IEC62722-2-1 (min) (°C) | 0 |
| Rated ambient temperature acc. IEC62722-2-1 (max) (°C) | 25 |

| Measurements | |
|----------------------------|-----|
| Width (mm) | 217 |
| Height/depth (mm) | 15 |
| Length (mm) | 217 |
| Outer diameter (mm) | 217 |
| Recess diameter (min) (mm) | 55 |
| Recess diameter (max) (mm) | 175 |

| Electrotechnical data | |
|-----------------------------------|---|
| Voltage type | AC |
| Nominal voltage (min) (V) | 220 |
| Nominal voltage (max) (V) | 240 |
| Type of control gear | LED operating device current-controlled |
| Protection class | II |
| Suitable for lamp power (min) (W) | 12 |
| Suitable for lamp power (max) (W) | 12 |
| Maximum system power (W) | 12 |
| Power factor | 0.9 |
| Luminaire efficacy (lm/W) | 83 |