



# Rio

## 305 IP44 12W/830 RA PCO WH

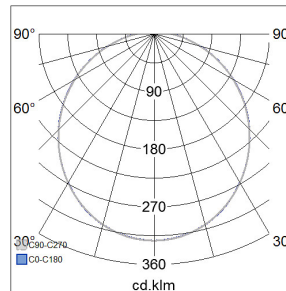
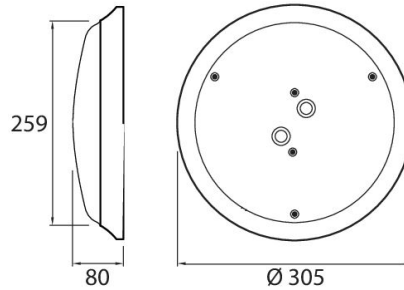
Ceiling light

Choose the Airam Rio ceiling light for general lighting in indoor areas where the luminaire body and diffuser must withstand cold, heat and humidity. Suitable for operating temperatures from 0 ... 25 °C, Rio can be installed directly onto a wall or ceiling junction box – ideal for bathrooms, utility rooms, garages and carports. Made of durable polycarbonate, the IP44 splashproof luminaires offer the highest impact resistance rating IK10 against mechanical shocks. The integrated LED provides even light distribution. Available in two colour temperatures: white 3000 K or cool white 4000 K. The radar sensor model features adjustable microwave detection range, time delay and dusk sensor settings.

Rio Ytmontage universalarmatur 12W 3000K 1000lm  
 No dim; IP44; IK10; Protection cl. II; L70B50 35000h;  
 LED not exchangeable; CRI>80; Suitable for through wiring; 3x2.5mm<sup>2</sup>; Housing Plastic; Colour wh; Cover Plastic, opal; Movement sensor

305 IP44 12W/830 RA PCO WH

| PRODUCT CODE | CODE   | KG  | PRODUCT FAMILY |
|--------------|--------|-----|----------------|
| 4116165      | A1LUSE | 0.8 | Rio            |



| Mounting   |                             |
|--|-----------------------------|
| Suitable for wall mounting   | Yes                         |
| Suitable for suspended mounting  | No                          |
| Suitable for ceiling mounting  | Yes                         |
| Suitable for recessed mounting   | No                          |
| Suitable for surface mounting  | Yes                         |
| Suitable for light line configuration  | No                          |
| Fit for workplace acc. EN 12464-1  | No                          |
| Degree of protection (IP)  | IP44                        |
| Impact strength  | IK10                        |
| Luminaire with limited surface temperature, class "D" in acc. with EN 60598-2-24 | No                          |
| Suitable for emergency lighting  | No                          |
| Luminaire may be covered with thermally insulating material                      | No                          |
| Type of wiring   | Suitable for through wiring |
| Number of poles  | 3                           |
| Conductor cross section (mm <sup>2</sup> )                                       | 2.5                         |
| Connection type  | Screwless terminal          |

| Structure  |                      |
|--|----------------------|
| Lamp type  | LED not exchangeable |
| Light source included  | Yes                  |
| Suitable for number of lamps   | 1                    |
| Lamp holder  | Other                |
| Housing material   | Plastic              |
| Housing surface protection   | Plastic-coated       |
| Housing colour   | White                |
| Cover material   | Plastic, opal        |
| Type of grid   | White                |
| Control gear included  | Yes                  |
| Exchangeable control gear  | Yes                  |
| Energy efficiency class of light source according to EU regulation 2019/2015 | G                    |
| Emergency power supply integrated  | No                   |
| With air slots   | No                   |
| Filament test according to IEC 60695-2-11                                    | 650 °C - 30 s        |

| Dimming and control                       |     |
|---|-----|
| Dimmable                                  | No  |
| Dimming 0-10 V                            | No  |
| Dimming 1-10 V                            | No  |
| Dimming DALI                              | No  |
| Dimming DALI-2                            | No  |
| 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                      | No  |
| 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                       | Yes |
| With movement sensor                      | Yes |
| With light sensor                         | Yes |
| Constant luminous flux control            | No  |
| Bluetooth operated                        | No  |
| Compatible with Apple HomeKit             | No  |
| Compatible with Google Assistant          | No  |
| Compatible with Amazon Alexa              | No  |
| IFTTT support available                   | No  |

| Photometric data                             |           |
|--|-----------|
| Light distributor                            | None      |
| Light sharing                                | Symmetric |
| Beam angle                                   | Open beam |
| Colour consistency (McAdam ellipse)          | SDCM5     |
| Light outlet                                 | Direct    |
| Colour of light (alphanumeric)               | White     |
| Effective luminous flux (lm)                 | 1000      |
| Colour temperature (min) (K)                 | 3000      |
| Colour temperature (max) (K)                 | 3000      |
| Colour rendering index (CRI/Ra)              | 80-89     |
| Photobiological safety according to EN 62471 | RG0       |
| Colour temperature switchable                | No        |
| Lumen setting adjustable                     | No        |
| Beam angle adjustable                        | No        |

| Lifetime and capacity                                  |       |
|--|-------|
| Rated life time L70/B50 at 25 °C (h)                   | 35000 |
| Rated ambient temperature acc. IEC62722-2-1 (min) (°C) | 0     |
| Rated ambient temperature acc. IEC62722-2-1 (max) (°C) | 25    |

| Measurements        |     |
|---------------------|-----|
| Width (mm)          | 305 |
| Height/depth (mm)   | 80  |
| Length (mm)         | 305 |
| Outer diameter (mm) | 305 |

| Electrotechnical data                   |   |
|---|---|
| Voltage type                            | AC                                      |
| Nominal voltage (min) (V)               | 230                                     |
| Nominal voltage (max) (V)               | 230                                     |
| Type of control gear                    | LED operating device current-controlled |
| Protection class according to IEC 61140 | II                                      |
| Suitable for lamp power (min) (W)       | 12                                      |
| Suitable for lamp power (max) (W)       | 12                                      |
| Maximum system power (W)                | 12                                      |
| Luminaire efficacy (lm/W)               | 83                                      |
| Power factor                            | 0.8                                     |