IP44 IK10

Rio
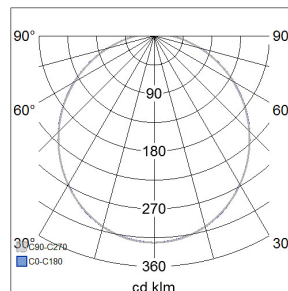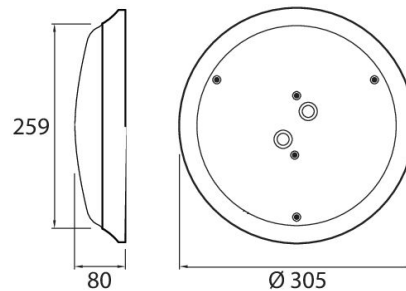## 305 IP44 12W/830 RA PCO WH

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; 3x2.5mm²; Housing Plastic; Colour wh; Cover Plastic, opal; Movement sensor

259
80
Ø 305

305 IP44 12W/830 RA PCO WH			
PRODUCT CODE	CODE	KG	PRODUCT FAMILY
4116165	A1LUSE	0.8	Rio

305 IP44 12W/830 RA PCO WH
EC002892

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 (mm²)	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	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

AIRAM