

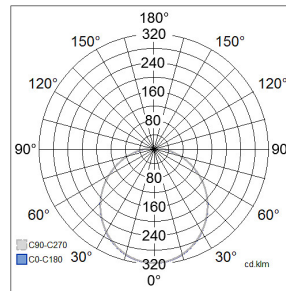
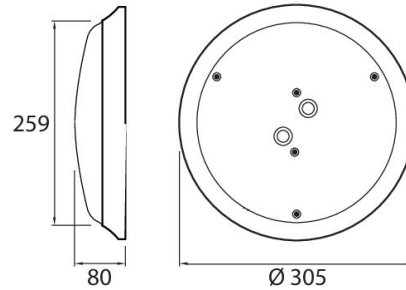


305 IP44 12W/840 PCO WH

Ceiling light

Choose Airam Rio ceiling luminaire for general lighting in your home if both the body and the shade must withstand high and low temperatures and humidity. Rio, which has a temperature range 0 ... 25 °C, can be mounted either on the wall or ceiling on a terminal, in the bathroom, utility room, garage or car shelter, for example. The IP44 splash-proof luminaires made of polycarbonate have the best mechanical impact resistance (IK10). The clean white LED provides even light. Also available with a radar motion sensor with an adjustable sensing area, time setting and a photo-electronic control unit (PECU).

Rio Ytmontage universalarmatur 12W 4000K 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



305 IP44 12W/840 PCO WH

PRODUCT CODE	CODE	KG	PRODUCT FAMILY
4116170	A1RIAA	0.72	Rio

Mounting	
Suitable for wall mounting	Yes
Suitable for suspended mounting	No
Suitable for ceiling mounting	Yes
Suitable for built-in mounting	No
Suitable for surface mounting	Yes
Suitable for light line configuration	No
Fit for monitor workplace	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 thorough wiring
Number of poles	3
Conductor cross section (mm ²)	2.5
Connection type	Screwless terminal

Structure	
Lamp type	LED not exchangeable
With lamp	Yes
Suitable for number of lamps	1
Lamp holder	Other
Housing material	Plastic
Housing surface protection	Plastic-coated
Colour housing	White
Material cover	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	
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	No
Dimming phase cut-on	No
Dimming programmable	No
Dimming RF	No
Dimming Sine Wave Reduction	No
Dimming Touch and Dim	No
Dimming Zigbee	No
Dimming with push-button	No
Dimming depending on control gear	No
No dimming function	Yes
With movement sensor	No
With light sensor	No
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
Effective luminous flux (lm)	1000
Colour of light (alphanumeric)	White
Colour temperature (min) (K)	4000
Colour temperature (max) (K)	4000
Colour rendering index CRI	80-89
Photobiological safety according to EN 62471	RG0
Colour temperature switchable	No
Luminous flux adjustable	No
Beam angle adjustable	No

Lifetime and capacity	
Rated life time L70/B50 at 25 °C	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	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	0.9