



Artus R

RECESSED | PI-LED SERIES

Recessed luminaire available in three different form factors. It gives off mellow, pleasant light, appropriate for office environments in particular. It can be equipped with dimming and emergency kits.

PI-LED - Combines variable white light and light of the RGB color system in one single light source. It can vary the color temperature between 2700K - 6500K along Planckian curve in the course of a day.

Artus R has particular technical specifications, please see the following:

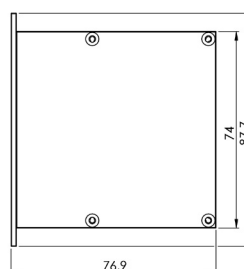
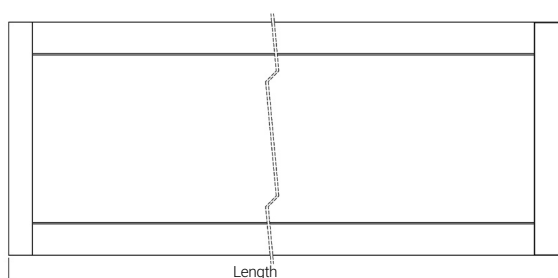
- Artus R TEC - standard specifications for office spaces
- Artus R TEC EM - with emergency kit
- Artus R ECO-DALI - with dimming
- Artus R ECO-DALI EM - with dimming and emergency options
- Artus R TW - the tunable white system with adjustable colour temperature
- Artus R PI-LED - the even hormone balance, biorhythm and enhances wellbeing and vitality.

APPLICATION

Office | Healthcare | Hospitality | DIY

FEATURES & BENEFITS

- CRI 90 as standard
- Color temperature: PI-LED
- Long rated life: L70/B10@50,000h
- Luminaire efficiency: 58 lm/w @4000K
- Dimmable (for ECO Series)



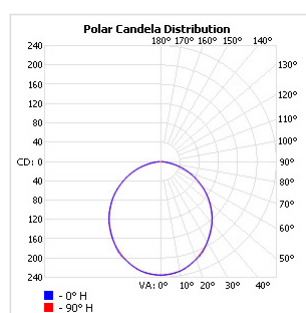
SPECIFICATIONS

Power consumption	41W
Dimensions	1180 x 76.9 x 87.7 ± 1mm
Weight	4.6 Kg
Housing materials	Aluminum & Polycarbonate
IK code	IK04
THD (at 230V, 50Hz, Full load)	<5%
Protection class	Safety class 1
Operating temperature [°C]	-10°C ... +45°C / +50F ... +113F
Operating humidity [%]	10 ÷ 85
Power factor	≥0.92
AC Input [Vac]	220 - 240 VAC
Lens angle [°]	110°
Lifespan [h]	50,000
Housing color	● Anodised grey, ● Anodised black
Lumen maintenance	L70/B10@50.000h at 25°C
IP factor	IP40
Control optional	ECO-DALI
Warranty [years]	5
Storage temperature range [°C]	-20°C ... +80°C / -4F ... +176F
Emergency option	-

Light application	Standard
CRI	CRI 90
CCT [K]	PI
MacAdam	4

CRI - Color rendering, CCT - Color temperature, MacAdam - Color consistency

LIGHT DISTRIBUTION



A110

RISK GROUP

RG0

The evaluation of photobiological safety is carried out according to the standard IEC 62471:2008 (“Photobiological safety of lamps and lamp systems”). Following the definition of the risk grouping system of the mentioned IEC standard, the LEDs mounted on this family fall into the class “No Risk (RG0 – No photobiological hazard)”. Under real circumstances (regarding exposure time, pupils, observation distance, it is assumed that there is no endangerment to the eye from these devices. As a matter of principle, however, it should be mentioned that intense light sources have a high secondary exposure potential due to their blinding effect.

TOLERANCES

Luminous flux tolerances: -/+ 5%

Consumption tolerance: -/+ 5% for TEC | -/+ 10% for TEC & KIT EM | -/+ 10% for ECO-DALI | -/+ 15% for ECO-DALI & KIT EM

BATTERY WARRANTY

TEC EM & ECO EM: 12 months warranty

TEC & ECO: -

MAXIMUM NO. OF LUMINAIRES ON A CIRCUIT

Power	Driver type	Control type	Circuit Breaker Type						
			Amperage	B			C		
				20	16	10	20	16	10
< 50W		TEC		37	30	18	62	51	31
≥ 50W		TEC		37	30	18	62	51	31
< 80W		ECO		27	21	13	45	35	21

SKU SPECIFICATIONS

Product Code	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Eff. (lm/watt)	Lens Angle (°)
CRI 90						
201397 Artus 120R/PI/41W/90	1180 x 76.9 x 87.7 ± 1mm	PI	2340	41W	58	110°