



## Artus R

### RECESSED | TW 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.

Tunable white - Light color temperature can be adjusted to reflect the need or mood of the user. The light provided by the luminaires can be changed from warm to cold, in a range between 2700K - 6500K.

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

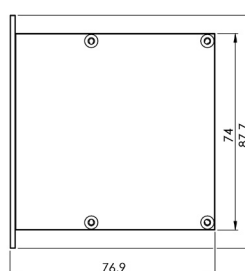
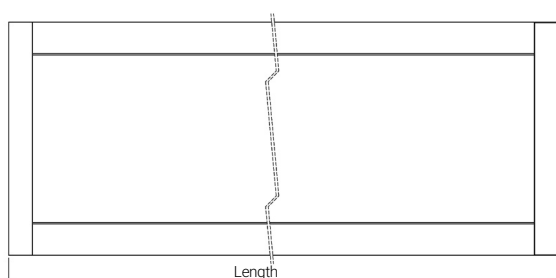
- Artus R TEC - standard specifications for office spaces
- Artus R TEC EM - with emergency kit
- Artus R ECO-DALI - with dimming
- Artus R ECO-DALI EM - with dimming and emergency options
- Artus R TW - the tunable white system with adjustable colour temperature
- Artus R PI-LED - the even hormone balance,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

### APPLICATION

Office | Healthcare | Hospitality | DIY

### FEATURES & BENEFITS

- CRI 90 as standard
- Color temperature: Tunable White
- Long rated life: L70/B10@50,000h
- Luminaire efficiency: 80 lm/w @4000K
- Dimmable (for ECO Series)



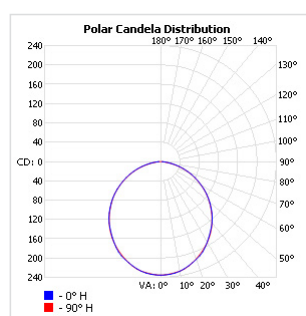
**SPECIFICATIONS**

Power consumption	19W , 30W , 39W	34W , 55W , 73W
Dimensions	608 x 76.9 x 87.7 ± 1mm	1466 x 76.9 x 87.7 ± 1mm
Weight	2.8 Kg	5.5 Kg
Housing materials	Aluminum & Polycarbonate	
IK code	IK04	
THD (at 230V, 50Hz, Full load)	<10%	
Protection class	Safety class 1	
Operating temperature [°C]	-20°C ... +55°C / -13F ... +131F	
Operating humidity [%]	10 ÷ 85	
Power factor	≥0.89	
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]	-30°C ... +80°C / -22F ... +176F	
Emergency option	-	

Light application	Standard
CRI	CRI 90
CCT [K]	TW
MacAdam	3

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

**LIGHT DISTRIBUTION**



A110

**RISK GROUP**

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**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**

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**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**

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**TEC EM & ECO EM:** 12 months warranty

**TEC & ECO:** -

**MAXIMUM NO. OF LUMINAIRES ON A CIRCUIT**

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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 (°)
<b>CRI 90</b>						
201401 Artus 60R/TW/19W/90	608 x 76.9 x 87.7 ± 1mm	TW	1480	19	78	110°
201402 Artus 60R/TW/30W/90	608 x 76.9 x 87.7 ± 1mm	TW	2390	30	80	110°
201403 Artus 60R/TW/39W/90	608 x 76.9 x 87.7 ± 1mm	TW	3085	39	80	110°
201413 Artus 150R/TW/34W/90	1466 x 76.9 x 87.7 ± 1mm	TW	2550	34	75	110°
201414 Artus 150R/TW/55W/90	1467 x 76.9 x 87.7 ± 1mm	TW	4145	55	76	110°
201415 Artus 150R/TW/73W/90	1468 x 76.9 x 87.7 ± 1mm	TW	5350	73	74	110°