



Artus R

RECESSED | ECO-DALI SERIES

Recessed luminaire available in three different form factors: 60, 120, 150. It gives off mellow, pleasant light, appropriate for office environments in particular. It can be equipped with dimming and emergency kits.

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

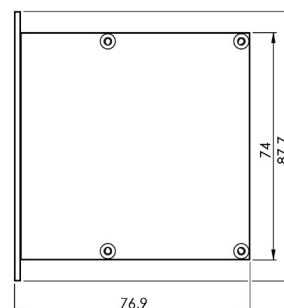
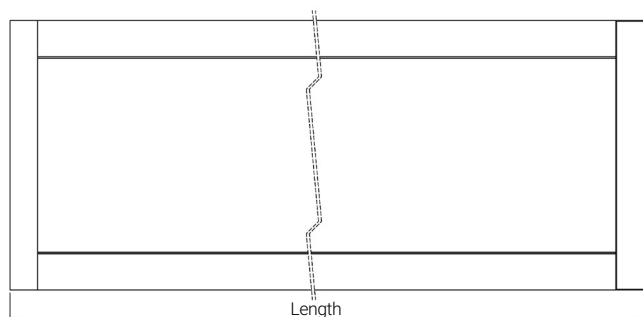
- Artus R TEC - standard specifications for office spaces
- Artus R TEC EM - with emergency kit
- **Artus R ECO-DALI - with dimming**
- Artus R ECO-DALI EM - with dimming and emergency options

FEATURES & BENEFITS

- CRI 80 as standard
- 4 color temperatures, specialized options included (3000K, 4000K, 5000K, 6500K)
- Long rated life: L90/B10@50.000h
- Luminaire efficiency: 122lm/w @4000K
- Low UGR: <17 @4000K
- With emergency kits of 1h and 3 h (EM series only)

APPLICATION

Office | Healthcare | Hospitality | DIY



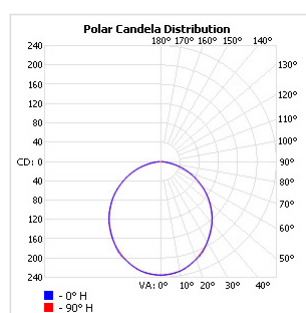
SPECIFICATIONS

Power consumption	8W, 15W	15W, 25W, 32W, 38W, 50W	23W, 33W, 37W, 50W, 60W
Dimensions	608 x 76.9 x 87.7 ± 1mm	1180 x 76.9 x 87.7 ± 1mm	1466 x 76.9 x 87.7 ± 1mm
Weight	2.8Kg	4.6Kg	5.5Kg
Housing materials	Aluminum & Polycarbonate		
IK code	IK04		
THD (at 230V, 50Hz, Full load)	<9%		
Protection class	Safety class 1		
Operating temperature [°C]	-20 ... +45 °C / -4F ... +113F		
Operating humidity [%]	10 ÷ 85		
Power factor	≥0.95		
AC Input [Vac]	220 - 240 VAC		
Lens angle [°]	110°		
Lifespan [h]	50,000		
Housing color	● Anodised grey		
Lumen maintenance	L90/B10@50.000h at 25°C		
IP factor	IP40		
Control optional	ECO-DALI		
Warranty [years]	5		
Storage temperature range [°C]	-20...+55°C / -4F ... +131F		
Emergency option	For product information please see Artus R ECO-DALI EM datasheet		

Light application	Standard
CRI	CRI 80
CCT [K]	3000K/4000K/5000K/6500K
MacAdam	4

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

LIGHT DISTRIBUTION



A110

RISK GROUP

RG1

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 “Low Risk (RG1 – No photobiological hazard under normal behavioral limitations)”. 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 80						
201000 Artus 60R/3000/8W/80	608 x 76.9 x 87.7 ± 1mm	3000	760	8W	95	110°
201001 Artus 60R/4000/8W/80	608 x 76.9 x 87.7 ± 1mm	4000	795	8W	100	110°
201002 Artus 60R/5000/8W/80	608 x 76.9 x 87.7 ± 1mm	5000	815	8W	102	110°
201003 Artus 60R/6500/8W/80	608 x 76.9 x 87.7 ± 1mm	6500	795	8W	100	110°
201004 Artus 60R/3000/15W/80	608 x 76.9 x 87.7 ± 1mm	3000	1305	15W	87	110°
201005 Artus 60R/4000/15W/80	608 x 76.9 x 87.7 ± 1mm	4000	1360	15W	91	110°
201006 Artus 60R/5000/15W/80	608 x 76.9 x 87.7 ± 1mm	5000	1400	15W	94	110°
201007 Artus 60R/6500/15W/80	608 x 76.9 x 87.7 ± 1mm	6500	1360	15W	91	110°
201008 Artus 120R/3000/15W/80	1180 x 76.9 x 87.7 ± 1mm	3000	1660	15W	111	110°
201009 Artus 120R/4000/15W/80	1180 x 76.9 x 87.7 ± 1mm	4000	1730	15W	116	110°
201010 Artus 120R/5000/15W/80	1180 x 76.9 x 87.7 ± 1mm	5000	1775	15W	119	110°
201011 Artus 120R/6500/15W/80	1180 x 76.9 x 87.7 ± 1mm	6500	1730	15W	116	110°
201012 Artus 120R/3000/25W/80	1180 x 76.9 x 87.7 ± 1mm	3000	2745	25W	110	110°
201013 Artus 120R/4000/25W/80	1180 x 76.9 x 87.7 ± 1mm	4000	2860	25W	115	110°
201014 Artus 120R/5000/25W/80	1180 x 76.9 x 87.7 ± 1mm	5000	2940	25W	118	110°
201015 Artus 120R/6500/25W/80	1180 x 76.9 x 87.7 ± 1mm	6500	2860	25W	115	110°
201016 Artus 120R/3000/32W/80	1180 x 76.9 x 87.7 ± 1mm	3000	3505	32W	110	110°
201017 Artus 120R/4000/32W/80	1180 x 76.9 x 87.7 ± 1mm	4000	3655	32W	115	110°
201018 Artus 120R/5000/32W/80	1180 x 76.9 x 87.7 ± 1mm	5000	3750	32W	118	110°
201019 Artus 120R/6500/32W/80	1180 x 76.9 x 87.7 ± 1mm	6500	3655	32W	115	110°
201020 Artus 120R/3000/38W/80	1180 x 76.9 x 87.7 ± 1mm	3000	4135	38W	109	110°
201021 Artus 120R/4000/38W/80	1180 x 76.9 x 87.7 ± 1mm	4000	4310	38W	114	110°
201022 Artus 120R/5000/38W/80	1180 x 76.9 x 87.7 ± 1mm	5000	4425	38W	117	110°
201023 Artus 120R/6500/38W/80	1180 x 76.9 x 87.7 ± 1mm	6500	4310	38W	114	110°
201024 Artus 120R/3000/50W/80	1180 x 76.9 x 87.7 ± 1mm	3000	5065	50W	102	110°
201025 Artus 120R/4000/50W/80	1180 x 76.9 x 87.7 ± 1mm	4000	5280	50W	106	110°
201026 Artus 120R/5000/50W/80	1180 x 76.9 x 87.7 ± 1mm	5000	5425	50W	109	110°
201027 Artus 120R/6500/50W/80	1180 x 76.9 x 87.7 ± 1mm	6500	5280	50W	106	110°
201028 Artus 150R/3000/23W/80	1466 x 76.9 x 87.7 ± 1mm	3000	2660	23W	116	110°
201029 Artus 150R/4000/23W/80	1466 x 76.9 x 87.7 ± 1mm	4000	2775	23W	121	110°
201030 Artus 150R/5000/23W/80	1466 x 76.9 x 87.7 ± 1mm	5000	2850	23W	124	110°
201031 Artus 150R/6500/23W/80	1466 x 76.9 x 87.7 ± 1mm	6500	2775	23W	121	110°
201032 Artus 150R/3000/33W/80	1466 x 76.9 x 87.7 ± 1mm	3000	3860	33W	117	110°
201033 Artus 150R/4000/33W/80	1466 x 76.9 x 87.7 ± 1mm	4000	4025	33W	122	110°
201034 Artus 150R/5000/33W/80	1466 x 76.9 x 87.7 ± 1mm	5000	4130	33W	126	110°
201035 Artus 150R/6500/33W/80	1466 x 76.9 x 87.7 ± 1mm	6500	4025	33W	122	110°
201036 Artus 150R/3000/37W/80	1466 x 76.9 x 87.7 ± 1mm	3000	4150	37W	113	110°
201037 Artus 150R/4000/37W/80	1466 x 76.9 x 87.7 ± 1mm	4000	4325	37W	117	110°
201038 Artus 150R/5000/37W/80	1466 x 76.9 x 87.7 ± 1mm	5000	4440	37W	120	110°
201039 Artus 150R/6500/37W/80	1466 x 76.9 x 87.7 ± 1mm	6500	4325	37W	117	110°
201040 Artus 150R/3000/50W/80	1466 x 76.9 x 87.7 ± 1mm	3000	5140	50W	103	110°
201041 Artus 150R/4000/50W/80	1466 x 76.9 x 87.7 ± 1mm	4000	5355	50W	108	110°
201042 Artus 150R/5000/50W/80	1466 x 76.9 x 87.7 ± 1mm	5000	5500	50W	110	110°
201043 Artus 150R/6500/50W/80	1466 x 76.9 x 87.7 ± 1mm	6500	5355	50W	108	110°
201044 Artus 150R/3000/60W/80	1466 x 76.9 x 87.7 ± 1mm	3000	6260	60W	105	110°
201045 Artus 150R/4000/60W/80	1466 x 76.9 x 87.7 ± 1mm	4000	6525	60W	109	110°
201046 Artus 150R/5000/60W/80	1466 x 76.9 x 87.7 ± 1mm	5000	6700	60W	112	110°
201047 Artus 150R/6500/60W/80	1466 x 76.9 x 87.7 ± 1mm	6500	6525	60W	109	110°

Technical specifications can be modified without prior notice. All information is property of Greentek Lighting.
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