



Artus S

SUSPENDED | TW SERIES

Suspended luminaire with geometric form. They are discreet, with a pleasant design that harmonizes with a large number of spaces, including office spaces, meeting rooms and building entrances.

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.

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 S comes with particular technical specifications determined by various add-on and controls:

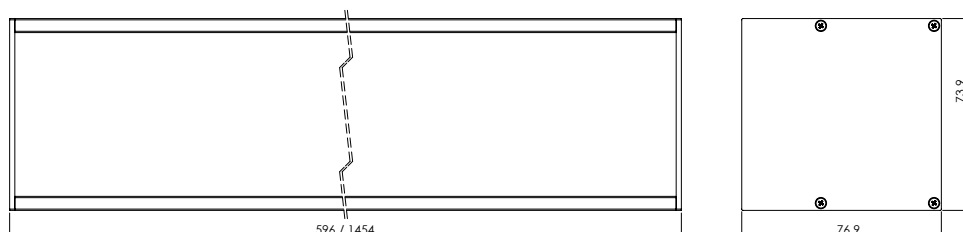
- Artus S Non-DALI: standard specifications for office spaces
- Artus S Non-DALI EM: with emergency kit
- Artus S DALI: with dimming
- Artus S DALI EM: with dimming and emergency options
- **Artus S TW: the tunable white system with adjustable colour temperature**
- Artus S PI-LED: simulates the spectral quality of natural daylight over the entire day.

APPLICATION

Office | Healthcare | Hospitality | DIY

FEATURES & BENEFITS

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



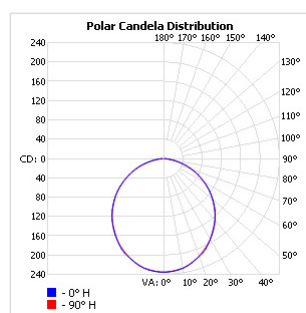
SPECIFICATIONS

Power consumption	19W , 30W , 39W	34W , 55W , 73W
Dimensions	596 x 76.9 x 73.9 ± 1mm	1454 x 76.9 x 73.9 ± 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]	-25°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	
Lumen maintenance	L70/B10@50.000h at 25°C	
IP factor	IP40	
Control optional	DALI	
Warranty [years]	5	
Storage temperature range [°C]	-30°C ... +80°C / -22F ... +176F	
Emergency option	-	

#	Standard
CRI	CRI90
CCT [K]	TW
MacAdam	3

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

LIGHT DISTRIBUTION



110°

TOLERANCES**Luminous flux tolerances:** -/+ 5%**Consumption tolerance:** -/+ 5% for Non-DALI | -/+ 10% for Non-DALI & KIT EM | -/+ 10% for DALI | -/+ 15% for DALI & KIT EM**BATTERY WARRANTY****Non-DALI EM & DALI EM:** 12 months warranty**Non-DALI & DALI:** -**MAXIMUM NO. OF LUMINAIRES ON A CIRCUIT**

Luminaire Power(W)	Control type	Circuit Breaker Type					
		B			C		
		20	16	10	20	16	10
< 50W	Non-DALI	38	30	19	62	51	31
≥ 50W	Non-DALI	38	30	19	62	51	31
< 80W	DALI	27	21	13	45	35	21

RISK GROUP

Standard (CRI80)	RG1
FOOD (BVF, FBS, FSM)	RG1
FOOD ≤35W (FZM, FSH)	RG1
FOOD >35W (FZM, FSH)	RG2
FAS	RG1
AMB2200	RG1
ART	RG1
AGI	RG1
CRI90	RG1
CRI95	RG1
ENT	RG1

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.

RG2

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 "Moderate Risk (RG2)". 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.

SKU SPECIFICATIONS

Product Code	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Eff. (lm/watt)	Lens Angle (°)
CRI 90						
201404 Artus 60S/TW/19W/90	596 x 76.9 x 73.9 ± 1mm	TW	1480	19W	78	110°
201405 Artus 60S/TW/30W/90	596 x 76.9 x 73.9 ± 1mm	TW	2390	30W	80	110°
201406 Artus 60S/TW/39W/90	596 x 76.9 x 73.9 ± 1mm	TW	3085	39W	80	110°
201416 Artus 150S/TW/34W/90	1454 x 76.9 x 73.9 ± 1mm	TW	2550	34W	75	110°
201417 Artus 150S/TW/55W/90	1454 x 76.9 x 73.9 ± 1mm	TW	4145	55W	76	110°
201418 Artus 150S/TW/73W/90	1454 x 76.9 x 73.9 ± 1mm	TW	5350	73W	74	110°