



Sola S

SUSPENDED DOWNLIGHTS | NON-DALI SERIES

Tubular suspended luminaire with an interesting slim silhouette. Sola S is not only geometrically interesting, its sleek design blends with a wide range of environments. Perfectly balanced, it brings harmony into contemporary interior designs. Best suitable for minimalist interiors and applications from the hospitality sector - hotels, restaurants, receptions.

Despite its narrow shape, it emits plenty of light thanks to the latest LED technology.

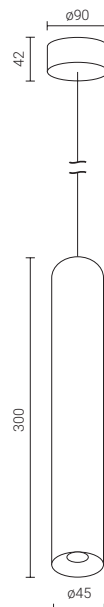
- Sola S Non-DALI – the standard for any project in the retail sector

APPLICATION

Grocery & Supermarket | Office | Healthcare | Hospitality | DIY

FEATURES & BENEFITS

- CRI ≥ 80 as standard, up to 93 for special color temperatures
- 6 color temperatures, special color temperatures included
- Optics – angle beam 36°



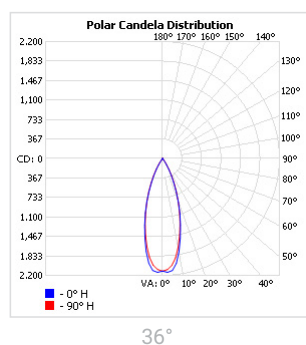
SPECIFICATIONS

Power consumption	12W
Dimensions	Ø45x300mm±1mm
Weight	0.8 Kg
Housing materials	Aluminium, Glass
IK code	IK02
THD (at 230V, 50Hz, Full load)	<8%
Protection class	Safety class 1
Operating temperature [°C]	-20°C ... +45°C / -4F ... +113F
Operating humidity [%]	10 ÷ 85
Power factor	≥0.95
AC Input [Vac]	220 - 240 VAC
Lens angle [°]	36°
Lifespan [h]	50,000
Housing color	○ RAL 9003 - Signal White, ● RAL 9005 - Jet Black, ● RAL 9006 - White Aluminium
Lumen maintenance	L90/B10@50,000h at 25°C
IP factor (general)	IP20
Control option	-
Warranty [years]	5
Storage temperature range [°C]	-20°C ... +55°C / -4F ... +131F
Emergency option	-

#	Standard	AGI	AMB
CRI	CRI80	CRI93	CRI80
CCT [K]	3000 / 4000	AGI 3000 / 3500 / 4000	2200
MacAdam	3	3	3

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

LIGHT DISTRIBUTION



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
8-20W	Non-DALI	62	50	31	104	85	52
23-35W	Non-DALI	24	20	10	47	40	20
42W	Non-DALI	20	16	8	38	32	16
8-20W	DALI	62	50	31	104	85	52
23-27W	DALI	25	21	13	50	42	26
34-42W	DALI	17	14	9	34	28	18

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 80						
176002 SolaS C34010/3000/12W/80/A36	Ø45x300±1mm	3000	815	12W	68	36°
176003 SolaS C34010/4000/12W/80/A36	Ø45x300±1mm	4000	850	12W	71	36°
176073 SolaS C34010/AMB2200/12W/80/A36	Ø45x300±1mm	AMB2200	740	12W	62	36°
CRI 93						
176094 SolaS C34010/AGI3000/12W/93/A36	Ø45x300±1mm	AGI3000	605	12W	51	36°
176095 SolaS C34010/AGI3500/12W/93/A36	Ø45x300±1mm	AGI3500	640	12W	54	36°
176096 SolaS C34010/AGI4000/12W/93/A36	Ø45x300±1mm	AGI4000	680	12W	57	36°