



## Sola M

### SUSPENDED DOWNLIGHTS | DALI SERIES

Tubular suspended luminaire with an interesting slim silhouette. Sola M 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.

Available in two series, with different add-ons and controls:

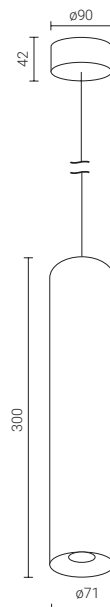
- Sola M Non-DALI – the standard for any project in the retail sector
- Sola M DALI – with DALI controls for illumination adjustments

### APPLICATION

Grocery & Supermarket | Office | Healthcare | Hospitality | DIY

### FEATURES & BENEFITS

- CRI  $\geq 80$  as standard, up to 95 for special color temperatures
- 9 color temperatures, special color temperatures included
- Optics – a wide range of angle beams ( 15°, 24°, 38°, 60°)
- Dimmable



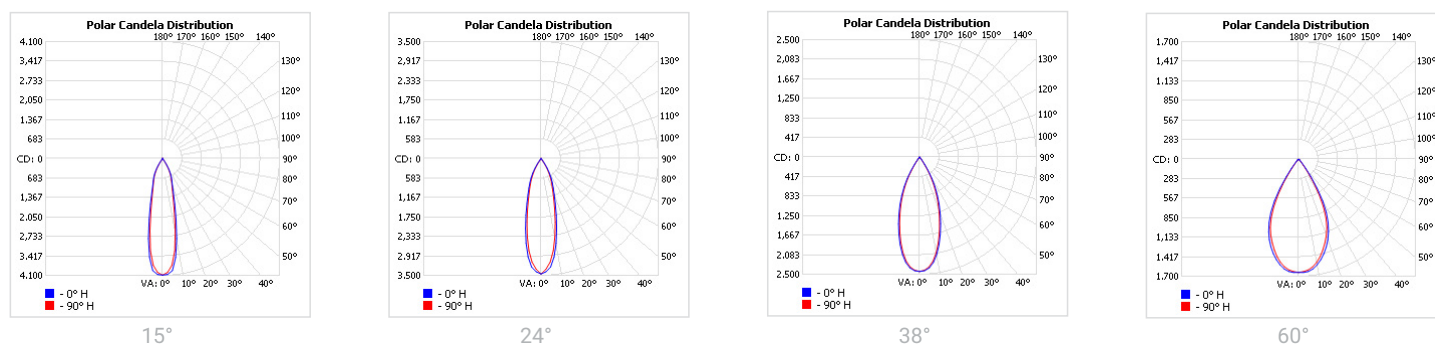
**SPECIFICATIONS**

Power consumption	14W, 20W
Dimensions	Ø71x300mm±1mm
Weight	1.4 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 [°]	15°, 24°, 38°, 60°
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	DALI
Warranty [years]	5
Storage temperature range [°C]	-20°C ... +55°C / -4F ... +131F
Emergency option	-

#	Standard	Fashion	AGI	AMB
CRI	CRI80	CRI95	CRI93	CRI80
CCT [K]	2700 / 3000 / 3500 / 4000	FAS	AGI 3000 / 3500 / 4000	2200
MacAdam	3	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**

<b>Standard (CRI80)</b>	RG1
<b>FOOD (BVF, FBS, FSM)</b>	RG1
<b>FOOD ≤35W (FZM, FSH)</b>	RG1
<b>FOOD &gt;35W (FZM, FSH)</b>	RG2
<b>FAS</b>	RG1
<b>AMB2200</b>	RG1
<b>ART</b>	RG1
<b>AGI</b>	RG1
<b>CRI90</b>	RG1
<b>CRI95</b>	RG1
<b>ENT</b>	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 (°)
<b>CRI 80</b>						
276004 SolaM C34014/2700/14W/80/A15	Ø71x300±1mm	2700	1200	14W	86	15°
276005 SolaM C34014/3000/14W/80/A15	Ø71x300±1mm	3000	1215	14W	87	15°
276006 SolaM C34014/3500/14W/80/A15	Ø71x300±1mm	3500	1245	14W	89	15°
276007 SolaM C34014/4000/14W/80/A15	Ø71x300±1mm	4000	1270	14W	91	15°
276008 SolaM C34014/2700/14W/80/A24	Ø71x300±1mm	2700	1200	14W	86	24°
276009 SolaM C34014/3000/14W/80/A24	Ø71x300±1mm	3000	1215	14W	87	24°
276010 SolaM C34014/3500/14W/80/A24	Ø71x300±1mm	3500	1245	14W	89	24°
276011 SolaM C34014/4000/14W/80/A24	Ø71x300±1mm	4000	1270	14W	91	24°
276012 SolaM C34014/2700/14W/80/A38	Ø71x300±1mm	2700	1200	14W	86	38°
276013 SolaM C34014/3000/14W/80/A38	Ø71x300±1mm	3000	1215	14W	87	38°
276014 SolaM C34014/3500/14W/80/A38	Ø71x300±1mm	3500	1245	14W	89	38°
276015 SolaM C34014/4000/14W/80/A38	Ø71x300±1mm	4000	1270	14W	91	38°
276016 SolaM C34014/2700/14W/80/A60	Ø71x300±1mm	2700	1200	14W	86	60°
276017 SolaM C34014/3000/14W/80/A60	Ø71x300±1mm	3000	1215	14W	87	60°
276018 SolaM C34014/3500/14W/80/A60	Ø71x300±1mm	3500	1245	14W	89	60°
276019 SolaM C34014/4000/14W/80/A60	Ø71x300±1mm	4000	1270	14W	91	60°
276020 SolaM C34014/2700/20W/80/A15	Ø71x300±1mm	2700	1650	20W	83	15°
276021 SolaM C34014/3000/20W/80/A15	Ø71x300±1mm	3000	1665	20W	84	15°
276022 SolaM C34014/3500/20W/80/A15	Ø71x300±1mm	3500	1710	20W	86	15°
276023 SolaM C34014/4000/20W/80/A15	Ø71x300±1mm	4000	1745	20W	88	15°
276024 SolaM C34014/2700/20W/80/A24	Ø71x300±1mm	2700	1650	20W	83	24°
276025 SolaM C34014/3000/20W/80/A24	Ø71x300±1mm	3000	1665	20W	84	24°
276026 SolaM C34014/3500/20W/80/A24	Ø71x300±1mm	3500	1710	20W	86	24°
276027 SolaM C34014/4000/20W/80/A24	Ø71x300±1mm	4000	1745	20W	88	24°
276028 SolaM C34014/2700/20W/80/A38	Ø71x300±1mm	2700	1650	20W	83	38°
276029 SolaM C34014/3000/20W/80/A38	Ø71x300±1mm	3000	1665	20W	84	38°
276030 SolaM C34014/3500/20W/80/A38	Ø71x300±1mm	3500	1710	20W	86	38°
276031 SolaM C34014/4000/20W/80/A38	Ø71x300±1mm	4000	1745	20W	88	38°
276032 SolaM C34014/2700/20W/80/A60	Ø71x300±1mm	2700	1650	20W	83	60°
276033 SolaM C34014/3000/20W/80/A60	Ø71x300±1mm	3000	1665	20W	84	60°
276034 SolaM C34014/3500/20W/80/A60	Ø71x300±1mm	3500	1710	20W	86	60°
276035 SolaM C34014/4000/20W/80/A60	Ø71x300±1mm	4000	1745	20W	88	60°
276074 SolaM C34014/AMB2200/14W/80/A15	Ø71x300±1mm	AMB2200	915	14W	66	15°
276075 SolaM C34014/AMB2200/14W/80/A24	Ø71x300±1mm	AMB2200	915	14W	66	24°
276076 SolaM C34014/AMB2200/14W/80/A38	Ø71x300±1mm	AMB2200	915	14W	66	38°
276077 SolaM C34014/AMB2200/14W/80/A60	Ø71x300±1mm	AMB2200	915	14W	66	60°
276078 SolaM C34014/AMB2200/20W/80/A15	Ø71x300±1mm	AMB2200	1270	20W	64	15°
276079 SolaM C34014/AMB2200/20W/80/A24	Ø71x300±1mm	AMB2200	1270	20W	64	24°
276080 SolaM C34014/AMB2200/20W/80/A38	Ø71x300±1mm	AMB2200	1270	20W	64	38°
276081 SolaM C34014/AMB2200/20W/80/A60	Ø71x300±1mm	AMB2200	1270	20W	64	60°
<b>CRI 93</b>						
276097 SolaM C34014/AGI3000/14W/93/A15	Ø71x300±1mm	AGI3000	835	14W	60	15°
276098 SolaM C34014/AGI3500/14W/93/A15	Ø71x300±1mm	AGI3500	885	14W	64	15°
276099 SolaM C34014/AGI4000/14W/93/A15	Ø71x300±1mm	AGI4000	940	14W	68	15°
276100 SolaM C34014/AGI3000/14W/93/A24	Ø71x300±1mm	AGI3000	835	14W	60	24°
276101 SolaM C34014/AGI3500/14W/93/A24	Ø71x300±1mm	AGI3500	885	14W	64	24°
276102 SolaM C34014/AGI4000/14W/93/A24	Ø71x300±1mm	AGI4000	940	14W	68	24°
276103 SolaM C34014/AGI3000/14W/93/A38	Ø71x300±1mm	AGI3000	835	14W	60	38°
276104 SolaM C34014/AGI3500/14W/93/A38	Ø71x300±1mm	AGI3500	885	14W	64	38°

## SKU SPECIFICATIONS

Product Code	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Eff. (lm/watt)	Lens Angle (°)
<b>CRI 93</b>						
276105 SolaM C34014/AGI4000/14W/93/A38	Ø71x300±1mm	AGI4000	940	14W	68	38°
276106 SolaM C34014/AGI3000/14W/93/A60	Ø71x300±1mm	AGI3000	835	14W	60	60°
276107 SolaM C34014/AGI3500/14W/93/A60	Ø71x300±1mm	AGI3500	885	14W	64	60°
276108 SolaM C34014/AGI4000/14W/93/A60	Ø71x300±1mm	AGI4000	940	14W	68	60°
276109 SolaM C34014/AGI3000/20W/93/A15	Ø71x300±1mm	AGI3000	1080	20W	54	15°
276110 SolaM C34014/AGI3500/20W/93/A15	Ø71x300±1mm	AGI3500	1145	20W	58	15°
276111 SolaM C34014/AGI4000/20W/93/A15	Ø71x300±1mm	AGI4000	1220	20W	61	15°
276112 SolaM C34014/AGI3000/20W/93/A24	Ø71x300±1mm	AGI3000	1080	20W	54	24°
276113 SolaM C34014/AGI3500/20W/93/A24	Ø71x300±1mm	AGI3500	1145	20W	58	24°
276114 SolaM C34014/AGI4000/20W/93/A24	Ø71x300±1mm	AGI4000	1220	20W	61	24°
276115 SolaM C34014/AGI3000/20W/93/A38	Ø71x300±1mm	AGI3000	1080	20W	54	38°
276116 SolaM C34014/AGI3500/20W/93/A38	Ø71x300±1mm	AGI3500	1145	20W	58	38°
276117 SolaM C34014/AGI4000/20W/93/A38	Ø71x300±1mm	AGI4000	1220	20W	61	38°
276118 SolaM C34014/AGI3000/20W/93/A60	Ø71x300±1mm	AGI3000	1080	20W	54	60°
276119 SolaM C34014/AGI3500/20W/93/A60	Ø71x300±1mm	AGI3500	1145	20W	58	60°
276120 SolaM C34014/AGI4000/20W/93/A60	Ø71x300±1mm	AGI4000	1220	20W	61	60°
<b>CRI 95</b>						
276213 SolaM C34014/FAS/14W/95/A15	Ø71x300±1mm	FAS	1045	14W	75	15°
276214 SolaM C34014/FAS/14W/95/A24	Ø71x300±1mm	FAS	1045	14W	75	24°
276215 SolaM C34014/FAS/14W/95/A38	Ø71x300±1mm	FAS	1045	14W	75	38°
276216 SolaM C34014/FAS/14W/95/A60	Ø71x300±1mm	FAS	1045	14W	75	60°
276217 SolaM C34014/FAS/20W/95/A15	Ø71x300±1mm	FAS	1430	20W	72	15°
276218 SolaM C34014/FAS/20W/95/A24	Ø71x300±1mm	FAS	1430	20W	72	24°
276219 SolaM C34014/FAS/20W/95/A38	Ø71x300±1mm	FAS	1430	20W	72	38°
276220 SolaM C34014/FAS/20W/95/A60	Ø71x300±1mm	FAS	1430	20W	72	60°