



## Sola M TRK

### TRACK DOWNLIGHTS | DALI SERIES

Tubular track-mounted luminaire with an interesting slim silhouette. Sola M TRK 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:

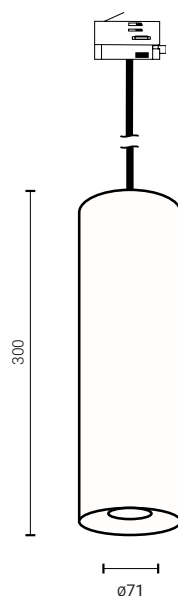
- Sola M TRK Non-DALI – the standard for any project in the retail sector
- Sola M TRK DALI – with DALI controls for illumination adjustments

### 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
- Luminaire efficiency: 91lm/W @4000K
- Very long service life: 50,000 h at 90% luminous flux
- Dimmable



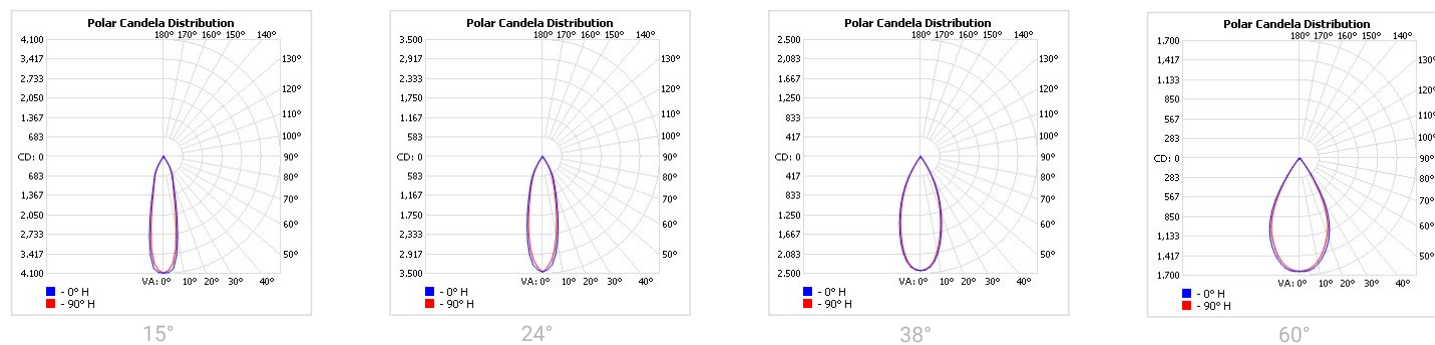
**SPECIFICATIONS**

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
8-20W	DALI	62	50	31	104	85	52

**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>						
277004 SolaM TRK C34014/2700/14W/80/A15	Ø71x300±1mm	2700	1200	14W	86	15°
277005 SolaM TRK C34014/3000/14W/80/A15	Ø71x300±1mm	3000	1215	14W	87	15°
277006 SolaM TRK C34014/3500/14W/80/A15	Ø71x300±1mm	3500	1245	14W	89	15°
277007 SolaM TRK C34014/4000/14W/80/A15	Ø71x300±1mm	4000	1270	14W	91	15°
277008 SolaM TRK C34014/2700/14W/80/A24	Ø71x300±1mm	2700	1200	14W	86	24°
277009 SolaM TRK C34014/3000/14W/80/A24	Ø71x300±1mm	3000	1215	14W	87	24°
277010 SolaM TRK C34014/3500/14W/80/A24	Ø71x300±1mm	3500	1245	14W	89	24°
277011 SolaM TRK C34014/4000/14W/80/A24	Ø71x300±1mm	4000	1270	14W	91	24°
277012 SolaM TRK C34014/2700/14W/80/A38	Ø71x300±1mm	2700	1200	14W	86	38°
277013 SolaM TRK C34014/3000/14W/80/A38	Ø71x300±1mm	3000	1215	14W	87	38°
277014 SolaM TRK C34014/3500/14W/80/A38	Ø71x300±1mm	3500	1245	14W	89	38°
277015 SolaM TRK C34014/4000/14W/80/A38	Ø71x300±1mm	4000	1270	14W	91	38°
277016 SolaM TRK C34014/2700/14W/80/A60	Ø71x300±1mm	2700	1200	14W	86	60°
277017 SolaM TRK C34014/3000/14W/80/A60	Ø71x300±1mm	3000	1215	14W	87	60°
277018 SolaM TRK C34014/3500/14W/80/A60	Ø71x300±1mm	3500	1245	14W	89	60°
277019 SolaM TRK C34014/4000/14W/80/A60	Ø71x300±1mm	4000	1270	14W	91	60°
277020 SolaM TRK C34014/2700/20W/80/A15	Ø71x300±1mm	2700	1650	20W	83	15°
277021 SolaM TRK C34014/3000/20W/80/A15	Ø71x300±1mm	3000	1665	20W	84	15°
277022 SolaM TRK C34014/3500/20W/80/A15	Ø71x300±1mm	3500	1710	20W	86	15°
277023 SolaM TRK C34014/4000/20W/80/A15	Ø71x300±1mm	4000	1745	20W	88	15°
277024 SolaM TRK C34014/2700/20W/80/A24	Ø71x300±1mm	2700	1650	20W	83	24°
277025 SolaM TRK C34014/3000/20W/80/A24	Ø71x300±1mm	3000	1665	20W	84	24°
277026 SolaM TRK C34014/3500/20W/80/A24	Ø71x300±1mm	3500	1710	20W	86	24°
277027 SolaM TRK C34014/4000/20W/80/A24	Ø71x300±1mm	4000	1745	20W	88	24°
277028 SolaM TRK C34014/2700/20W/80/A38	Ø71x300±1mm	2700	1650	20W	83	38°
277029 SolaM TRK C34014/3000/20W/80/A38	Ø71x300±1mm	3000	1665	20W	84	38°
277030 SolaM TRK C34014/3500/20W/80/A38	Ø71x300±1mm	3500	1710	20W	86	38°
277031 SolaM TRK C34014/4000/20W/80/A38	Ø71x300±1mm	4000	1745	20W	88	38°
277032 SolaM TRK C34014/2700/20W/80/A60	Ø71x300±1mm	2700	1650	20W	83	60°
277033 SolaM TRK C34014/3000/20W/80/A60	Ø71x300±1mm	3000	1665	20W	84	60°
277034 SolaM TRK C34014/3500/20W/80/A60	Ø71x300±1mm	3500	1710	20W	86	60°
277035 SolaM TRK C34014/4000/20W/80/A60	Ø71x300±1mm	4000	1745	20W	88	60°
277074 SolaM TRK C34014/AMB2200/14W/80/A15	Ø71x300±1mm	AMB2200	915	14W	66	15°
277075 SolaM TRK C34014/AMB2200/14W/80/A24	Ø71x300±1mm	AMB2200	915	14W	66	24°
277076 SolaM TRK C34014/AMB2200/14W/80/A38	Ø71x300±1mm	AMB2200	915	14W	66	38°
277077 SolaM TRK C34014/AMB2200/14W/80/A60	Ø71x300±1mm	AMB2200	915	14W	66	60°
277078 SolaM TRK C34014/AMB2200/20W/80/A15	Ø71x300±1mm	AMB2200	1270	20W	64	15°
277079 SolaM TRK C34014/AMB2200/20W/80/A24	Ø71x300±1mm	AMB2200	1270	20W	64	24°
277080 SolaM TRK C34014/AMB2200/20W/80/A38	Ø71x300±1mm	AMB2200	1270	20W	64	38°
277081 SolaM TRK C34014/AMB2200/20W/80/A60	Ø71x300±1mm	AMB2200	1270	20W	64	60°
<b>CRI 93</b>						
277097 SolaM TRK C34014/AGI3000/14W/93/A15	Ø71x300±1mm	AGI3000	835	14W	60	15°
277098 SolaM TRK C34014/AGI3500/14W/93/A15	Ø71x300±1mm	AGI3500	885	14W	64	15°
277099 SolaM TRK C34014/AGI4000/14W/93/A15	Ø71x300±1mm	AGI4000	940	14W	68	15°
277100 SolaM TRK C34014/AGI3000/14W/93/A24	Ø71x300±1mm	AGI3000	835	14W	60	24°
277101 SolaM TRK C34014/AGI3500/14W/93/A24	Ø71x300±1mm	AGI3500	885	14W	64	24°
277102 SolaM TRK C34014/AGI4000/14W/93/A24	Ø71x300±1mm	AGI4000	940	14W	68	24°
277103 SolaM TRK C34014/AGI3000/14W/93/A38	Ø71x300±1mm	AGI3000	835	14W	60	38°
277104 SolaM TRK 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>						
277105 SolaM TRK C34014/AGI4000/14W/93/A38	Ø71x300±1mm	AGI4000	940	14W	68	38°
277106 SolaM TRK C34014/AGI3000/14W/93/A60	Ø71x300±1mm	AGI3000	835	14W	60	60°
277107 SolaM TRK C34014/AGI3500/14W/93/A60	Ø71x300±1mm	AGI3500	885	14W	64	60°
277108 SolaM TRK C34014/AGI4000/14W/93/A60	Ø71x300±1mm	AGI4000	940	14W	68	60°
277109 SolaM TRK C34014/AGI3000/20W/93/A15	Ø71x300±1mm	AGI3000	1080	20W	54	15°
277110 SolaM TRK C34014/AGI3500/20W/93/A15	Ø71x300±1mm	AGI3500	1145	20W	58	15°
277111 SolaM TRK C34014/AGI4000/20W/93/A15	Ø71x300±1mm	AGI4000	1220	20W	61	15°
277112 SolaM TRK C34014/AGI3000/20W/93/A24	Ø71x300±1mm	AGI3000	1080	20W	54	24°
277113 SolaM TRK C34014/AGI3500/20W/93/A24	Ø71x300±1mm	AGI3500	1145	20W	58	24°
277114 SolaM TRK C34014/AGI4000/20W/93/A24	Ø71x300±1mm	AGI4000	1220	20W	61	24°
277115 SolaM TRK C34014/AGI3000/20W/93/A38	Ø71x300±1mm	AGI3000	1080	20W	54	38°
277116 SolaM TRK C34014/AGI3500/20W/93/A38	Ø71x300±1mm	AGI3500	1145	20W	58	38°
277117 SolaM TRK C34014/AGI4000/20W/93/A38	Ø71x300±1mm	AGI4000	1220	20W	61	38°
277118 SolaM TRK C34014/AGI3000/20W/93/A60	Ø71x300±1mm	AGI3000	1080	20W	54	60°
277119 SolaM TRK C34014/AGI3500/20W/93/A60	Ø71x300±1mm	AGI3500	1145	20W	58	60°
277120 SolaM TRK C34014/AGI4000/20W/93/A60	Ø71x300±1mm	AGI4000	1220	20W	61	60°
<b>CRI 95</b>						
277213 SolaM TRK C34014/FAS/14W/95/A15	Ø71x300±1mm	FAS	1045	14W	75	15°
277214 SolaM TRK C34014/FAS/14W/95/A24	Ø71x300±1mm	FAS	1045	14W	75	24°
277215 SolaM TRK C34014/FAS/14W/95/A38	Ø71x300±1mm	FAS	1045	14W	75	38°
277216 SolaM TRK C34014/FAS/14W/95/A60	Ø71x300±1mm	FAS	1045	14W	75	60°
277217 SolaM TRK C34014/FAS/20W/95/A15	Ø71x300±1mm	FAS	1430	20W	72	15°
277218 SolaM TRK C34014/FAS/20W/95/A24	Ø71x300±1mm	FAS	1430	20W	72	24°
277219 SolaM TRK C34014/FAS/20W/95/A38	Ø71x300±1mm	FAS	1430	20W	72	38°
277220 SolaM TRK C34014/FAS/20W/95/A60	Ø71x300±1mm	FAS	1430	20W	72	60°