



## Sola L

### SUSPENDED DOWNLIGHTS | NON-DALI SERIES

Tubular suspended luminaire with an interesting slim silhouette. Sola L 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:

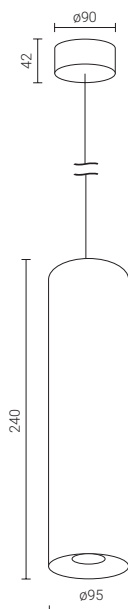
- Sola L Non-DALI – the standard for any project in the retail sector
- Sola L DALI – with DALI controls for illumination adjustments

### APPLICATION

Grocery & Supermarket | Office | Healthcare | Hospitality | DIY

### FEATURES & BENEFITS

- CRI  $\geq 80$  as standard, up to 98 for special color temperatures
- 15 color temperatures, special color temperatures included
- Optics – a wide range of angle beams ( 15°, 30°, 45°)
- Dimmable (only for DALI Series)



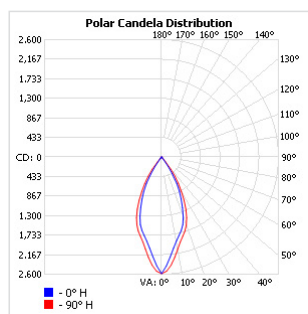
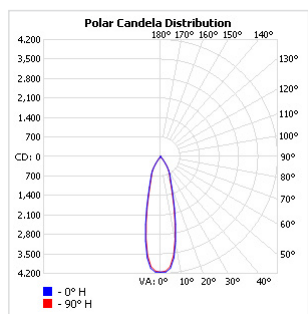
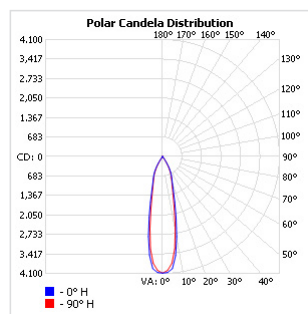
SPECIFICATIONS

Power consumption	14W, 20W, 27W
Dimensions	Ø95x240±1mm
Weight	1.8 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 [°]	15°, 30°, 45°
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	Food	Fashion	AGI	ART	AMB
CRI	CRI80	CRI80	CRI95	CRI93	CRI98	CRI80
CCT [K]	2700 / 3000 / 3500 / 4000	BVF / FBS / FZM / FSM / FSH	FAS	AGI 3000 / 3500 / 4000	3000	2200
MacAdam	3	3 / 4 / 4 / 3 / 3	3	3	2	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>						
176036 SolaL C34016/2700/14W/80/A15	Ø95x240±1mm	2700	1440	14W	103	15°
176037 SolaL C34016/3000/14W/80/A15	Ø95x240±1mm	3000	1455	14W	104	15°
176038 SolaL C34016/3500/14W/80/A15	Ø95x240±1mm	3500	1495	14W	107	15°
176039 SolaL C34016/4000/14W/80/A15	Ø95x240±1mm	4000	1525	14W	109	15°
176040 SolaL C34016/2700/14W/80/A30	Ø95x240±1mm	2700	1440	14W	103	30°
176041 SolaL C34016/3000/14W/80/A30	Ø95x240±1mm	3000	1455	14W	104	30°
176042 SolaL C34016/3500/14W/80/A30	Ø95x240±1mm	3500	1495	14W	107	30°
176043 SolaL C34016/4000/14W/80/A30	Ø95x240±1mm	4000	1525	14W	109	30°
176044 SolaL C34016/2700/14W/80/A45	Ø95x240±1mm	2700	1440	14W	103	45°
176045 SolaL C34016/3000/14W/80/A45	Ø95x240±1mm	3000	1455	14W	104	45°
176046 SolaL C34016/3500/14W/80/A45	Ø95x240±1mm	3500	1495	14W	107	45°
176047 SolaL C34016/4000/14W/80/A45	Ø95x240±1mm	4000	1525	14W	109	45°
176048 SolaL C34016/2700/20W/80/A15	Ø95x240±1mm	2700	2010	20W	101	15°
176049 SolaL C34016/3000/20W/80/A15	Ø95x240±1mm	3000	2025	20W	102	15°
176050 SolaL C34016/3500/20W/80/A15	Ø95x240±1mm	3500	2080	20W	104	15°
176051 SolaL C34016/4000/20W/80/A15	Ø95x240±1mm	4000	2120	20W	106	15°
176052 SolaL C34016/2700/20W/80/A30	Ø95x240±1mm	2700	2010	20W	101	30°
176053 SolaL C34016/3000/20W/80/A30	Ø95x240±1mm	3000	2025	20W	102	30°
176054 SolaL C34016/3500/20W/80/A30	Ø95x240±1mm	3500	2080	20W	104	30°
176055 SolaL C34016/4000/20W/80/A30	Ø95x240±1mm	4000	2120	20W	106	30°
176056 SolaL C34016/2700/20W/80/A45	Ø95x240±1mm	2700	2010	20W	101	45°
176057 SolaL C34016/3000/20W/80/A45	Ø95x240±1mm	3000	2025	20W	102	45°
176058 SolaL C34016/3500/20W/80/A45	Ø95x240±1mm	3500	2080	20W	104	45°
176059 SolaL C34016/4000/20W/80/A45	Ø95x240±1mm	4000	2120	20W	106	45°
176060 SolaL C34016/2700/27W/80/A15	Ø95x240±1mm	2700	2605	27W	97	15°
176061 SolaL C34016/3000/27W/80/A15	Ø95x240±1mm	3000	2630	27W	98	15°
176062 SolaL C34016/3500/27W/80/A15	Ø95x240±1mm	3500	2700	27W	100	15°
176063 SolaL C34016/4000/27W/80/A15	Ø95x240±1mm	4000	2755	27W	103	15°
176064 SolaL C34016/2700/27W/80/A30	Ø95x240±1mm	2700	2605	27W	97	30°
176065 SolaL C34016/3000/27W/80/A30	Ø95x240±1mm	3000	2630	27W	98	30°
176066 SolaL C34016/3500/27W/80/A30	Ø95x240±1mm	3500	2700	27W	100	30°
176067 SolaL C34016/4000/27W/80/A30	Ø95x240±1mm	4000	2755	27W	103	30°
176068 SolaL C34016/2700/27W/80/A45	Ø95x240±1mm	2700	2605	27W	97	45°
176069 SolaL C34016/3000/27W/80/A45	Ø95x240±1mm	3000	2630	27W	98	45°
176070 SolaL C34016/3500/27W/80/A45	Ø95x240±1mm	3500	2700	27W	100	45°
176071 SolaL C34016/4000/27W/80/A45	Ø95x240±1mm	4000	2755	27W	103	45°
176082 SolaL C34016/AMB2200/14W/80/A15	Ø95x240±1mm	AMB2200	1020	14W	73	15°
176083 SolaL C34016/AMB2200/14W/80/A30	Ø95x240±1mm	AMB2200	1020	14W	73	30°
176084 SolaL C34016/AMB2200/14W/80/A45	Ø95x240±1mm	AMB2200	1020	14W	73	45°
176085 SolaL C34016/AMB2200/20W/80/A15	Ø95x240±1mm	AMB2200	1410	20W	71	15°
176086 SolaL C34016/AMB2200/20W/80/A30	Ø95x240±1mm	AMB2200	1410	20W	71	30°
176087 SolaL C34016/AMB2200/20W/80/A45	Ø95x240±1mm	AMB2200	1410	20W	71	45°
176088 SolaL C34016/AMB2200/27W/80/A15	Ø95x240±1mm	AMB2200	1870	27W	70	15°
176089 SolaL C34016/AMB2200/27W/80/A30	Ø95x240±1mm	AMB2200	1870	27W	70	30°
176090 SolaL C34016/AMB2200/27W/80/A45	Ø95x240±1mm	AMB2200	1870	27W	70	45°
176166 SolaL C34016/BVF/14W/80/A15	Ø95x240±1mm	BVF	1225	14W	88	15°
176167 SolaL C34016/FBS/14W/80/A15	Ø95x240±1mm	FBS	830	14W	60	15°
176168 SolaL C34016/FZM/14W/80/A15	Ø95x240±1mm	FZM	800	14W	58	15°
176169 SolaL C34016/FSM/14W/80/A15	Ø95x240±1mm	FSM	830	14W	60	15°
176170 SolaL C34016/FSH/14W/80/A15	Ø95x240±1mm	FSH	1180	14W	85	15°

## SKU SPECIFICATIONS

Product Code	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Eff. (lm/watt)	Lens Angle (°)
<b>CRI 80</b>						
176171 SolaL C34016/BVF/14W/80/A30	Ø95x240±1mm	BVF	1225	14W	88	30°
176172 SolaL C34016/FBS/14W/80/A30	Ø95x240±1mm	FBS	830	14W	60	30°
176173 SolaL C34016/FZM/14W/80/A30	Ø95x240±1mm	FZM	800	14W	58	30°
176174 SolaL C34016/FSM/14W/80/A30	Ø95x240±1mm	FSM	830	14W	60	30°
176175 SolaL C34016/FSH/14W/80/A30	Ø95x240±1mm	FSH	1180	14W	85	30°
176176 SolaL C34016/BVF/14W/80/A45	Ø95x240±1mm	BVF	1225	14W	88	45°
176177 SolaL C34016/FBS/14W/80/A45	Ø95x240±1mm	FBS	830	14W	60	45°
176178 SolaL C34016/FZM/14W/80/A45	Ø95x240±1mm	FZM	800	14W	58	45°
176179 SolaL C34016/FSM/14W/80/A45	Ø95x240±1mm	FSM	830	14W	60	45°
176180 SolaL C34016/FSH/14W/80/A45	Ø95x240±1mm	FSH	1180	14W	85	45°
176181 SolaL C34016/BVF/20W/80/A15	Ø95x240±1mm	BVF	1675	20W	84	15°
176182 SolaL C34016/FBS/20W/80/A15	Ø95x240±1mm	FBS	1155	20W	58	15°
176183 SolaL C34016/FZM/20W/80/A15	Ø95x240±1mm	FZM	1105	20W	56	15°
176184 SolaL C34016/FSM/20W/80/A15	Ø95x240±1mm	FSM	1130	20W	57	15°
176185 SolaL C34016/FSH/20W/80/A15	Ø95x240±1mm	FSH	1640	20W	82	15°
176186 SolaL C34016/BVF/20W/80/A30	Ø95x240±1mm	BVF	1675	20W	84	30°
176187 SolaL C34016/FBS/20W/80/A30	Ø95x240±1mm	FBS	1155	20W	58	30°
176188 SolaL C34016/FZM/20W/80/A30	Ø95x240±1mm	FZM	1105	20W	56	30°
176189 SolaL C34016/FSM/20W/80/A30	Ø95x240±1mm	FSM	1130	20W	57	30°
176190 SolaL C34016/FSH/20W/80/A30	Ø95x240±1mm	FSH	1640	20W	82	30°
176191 SolaL C34016/BVF/20W/80/A45	Ø95x240±1mm	BVF	1675	20W	84	45°
176192 SolaL C34016/FBS/20W/80/A45	Ø95x240±1mm	FBS	1155	20W	58	45°
176193 SolaL C34016/FZM/20W/80/A45	Ø95x240±1mm	FZM	1105	20W	56	45°
176194 SolaL C34016/FSM/20W/80/A45	Ø95x240±1mm	FSM	1130	20W	57	45°
176195 SolaL C34016/FSH/20W/80/A45	Ø95x240±1mm	FSH	1640	20W	82	45°
176196 SolaL C34016/BVF/27W/80/A15	Ø95x240±1mm	BVF	2220	27W	83	15°
176197 SolaL C34016/FBS/27W/80/A15	Ø95x240±1mm	FBS	1515	27W	57	15°
176198 SolaL C34016/FZM/27W/80/A15	Ø95x240±1mm	FZM	1455	27W	54	15°
176199 SolaL C34016/FSM/27W/80/A15	Ø95x240±1mm	FSM	1480	27W	55	15°
176200 SolaL C34016/FSH/27W/80/A15	Ø95x240±1mm	FSH	2170	27W	81	15°
176201 SolaL C34016/BVF/27W/80/A30	Ø95x240±1mm	BVF	2220	27W	83	30°
176202 SolaL C34016/FBS/27W/80/A30	Ø95x240±1mm	FBS	1515	27W	57	30°
176203 SolaL C34016/FZM/27W/80/A30	Ø95x240±1mm	FZM	1455	27W	54	30°
176204 SolaL C34016/FSM/27W/80/A30	Ø95x240±1mm	FSM	1480	27W	55	30°
176205 SolaL C34016/FSH/27W/80/A30	Ø95x240±1mm	FSH	2170	27W	81	30°
176206 SolaL C34016/BVF/27W/80/A45	Ø95x240±1mm	BVF	2220	27W	83	45°
176207 SolaL C34016/FBS/27W/80/A45	Ø95x240±1mm	FBS	1515	27W	57	45°
176208 SolaL C34016/FZM/27W/80/A45	Ø95x240±1mm	FZM	1455	27W	54	45°
176209 SolaL C34016/FSM/27W/80/A45	Ø95x240±1mm	FSM	1480	27W	55	45°
176210 SolaL C34016/FSH/27W/80/A45	Ø95x240±1mm	FSH	2170	27W	81	45°
<b>CRI 93</b>						
176121 SolaL C34016/AGI3000/14W/93/A15	Ø95x240±1mm	AGI3000	845	14W	61	15°
176122 SolaL C34016/AGI3500/14W/93/A15	Ø95x240±1mm	AGI3500	900	14W	65	15°
176123 SolaL C34016/AGI4000/14W/93/A15	Ø95x240±1mm	AGI4000	955	14W	69	15°
176124 SolaL C34016/AGI3000/14W/93/A30	Ø95x240±1mm	AGI3000	845	14W	61	30°
176125 SolaL C34016/AGI3500/14W/93/A30	Ø95x240±1mm	AGI3500	900	14W	65	30°
176126 SolaL C34016/AGI4000/14W/93/A30	Ø95x240±1mm	AGI4000	955	14W	69	30°
176127 SolaL C34016/AGI3000/14W/93/A45	Ø95x240±1mm	AGI3000	845	14W	61	45°
176128 SolaL C34016/AGI3500/14W/93/A45	Ø95x240±1mm	AGI3500	900	14W	65	45°

## SKU SPECIFICATIONS

Product Code	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Eff. (lm/watt)	Lens Angle (°)
<b>CRI 93</b>						
176129 SolaL C34016/AGI4000/14W/93/A45	Ø95x240±1mm	AGI4000	955	14W	69	45°
176130 SolaL C34016/AGI3000/20W/93/A15	Ø95x240±1mm	AGI3000	1200	20W	60	15°
176131 SolaL C34016/AGI3500/20W/93/A15	Ø95x240±1mm	AGI3500	1275	20W	64	15°
176132 SolaL C34016/AGI4000/20W/93/A15	Ø95x240±1mm	AGI4000	1355	20W	68	15°
176133 SolaL C34016/AGI3000/20W/93/A30	Ø95x240±1mm	AGI3000	1200	20W	60	30°
176134 SolaL C34016/AGI3500/20W/93/A30	Ø95x240±1mm	AGI3500	1275	20W	64	30°
176135 SolaL C34016/AGI4000/20W/93/A30	Ø95x240±1mm	AGI4000	1355	20W	68	30°
176136 SolaL C34016/AGI3000/20W/93/A45	Ø95x240±1mm	AGI3000	1200	20W	60	45°
176137 SolaL C34016/AGI3500/20W/93/A45	Ø95x240±1mm	AGI3500	1275	20W	64	45°
176138 SolaL C34016/AGI4000/20W/93/A45	Ø95x240±1mm	AGI4000	1355	20W	68	45°
176139 SolaL C34016/AGI3000/27W/93/A15	Ø95x240±1mm	AGI3000	1505	27W	56	15°
176140 SolaL C34016/AGI3500/27W/93/A15	Ø95x240±1mm	AGI3500	1595	27W	60	15°
176141 SolaL C34016/AGI4000/27W/93/A15	Ø95x240±1mm	AGI4000	1700	27W	63	15°
176142 SolaL C34016/AGI3000/27W/93/A30	Ø95x240±1mm	AGI3000	1505	27W	56	30°
176143 SolaL C34016/AGI3500/27W/93/A30	Ø95x240±1mm	AGI3500	1595	27W	60	30°
176144 SolaL C34016/AGI4000/27W/93/A30	Ø95x240±1mm	AGI4000	1700	27W	63	30°
176145 SolaL C34016/AGI3000/27W/93/A45	Ø95x240±1mm	AGI3000	1505	27W	56	45°
176146 SolaL C34016/AGI3500/27W/93/A45	Ø95x240±1mm	AGI3500	1595	27W	60	45°
176147 SolaL C34016/AGI4000/27W/93/A45	Ø95x240±1mm	AGI4000	1700	27W	63	45°
<b>CRI 95</b>						
176221 SolaL C34016/FAS/14W/95/A15	Ø95x240±1mm	FAS	1165	14W	84	15°
176222 SolaL C34016/FAS/14W/95/A30	Ø95x240±1mm	FAS	1165	14W	84	30°
176223 SolaL C34016/FAS/14W/95/A45	Ø95x240±1mm	FAS	1165	14W	84	45°
176224 SolaL C34016/FAS/20W/95/A15	Ø95x240±1mm	FAS	1610	20W	81	15°
176225 SolaL C34016/FAS/20W/95/A30	Ø95x240±1mm	FAS	1610	20W	81	30°
176226 SolaL C34016/FAS/20W/95/A45	Ø95x240±1mm	FAS	1610	20W	81	45°
176227 SolaL C34016/FAS/27W/95/A15	Ø95x240±1mm	FAS	2120	27W	79	15°
176228 SolaL C34016/FAS/27W/95/A30	Ø95x240±1mm	FAS	2120	27W	79	30°
176229 SolaL C34016/FAS/27W/95/A45	Ø95x240±1mm	FAS	2120	27W	79	45°
<b>CRI 98</b>						
176149 SolaL C34016/ART3000/14W/98/A15	Ø95x240±1mm	ART3000	1160	14W	83	15°
176151 SolaL C34016/ART3000/14W/98/A30	Ø95x240±1mm	ART3000	1160	14W	83	30°
176153 SolaL C34016/ART3000/14W/98/A45	Ø95x240±1mm	ART3000	1160	14W	83	45°
176155 SolaL C34016/ART3000/20W/98/A15	Ø95x240±1mm	ART3000	1600	20W	80	15°
176157 SolaL C34016/ART3000/20W/98/A30	Ø95x240±1mm	ART3000	1600	20W	80	30°
176159 SolaL C34016/ART3000/20W/98/A45	Ø95x240±1mm	ART3000	1600	20W	80	45°
176161 SolaL C34016/ART3000/27W/98/A15	Ø95x240±1mm	ART3000	2095	27W	78	15°
176163 SolaL C34016/ART3000/27W/98/A30	Ø95x240±1mm	ART3000	2095	27W	78	30°
176165 SolaL C34016/ART3000/27W/98/A45	Ø95x240±1mm	ART3000	2095	27W	78	45°

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