



## Sola L

### SUSPENDED DOWNLIGHTS | 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:

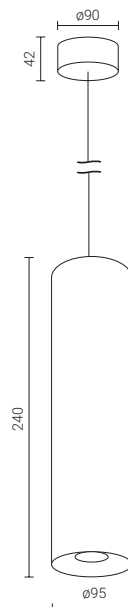
- Sola L Non-DALI – the standard for any project in the retail sector
- Sola L DALI – with DALI controls for illumination adjustments

### 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



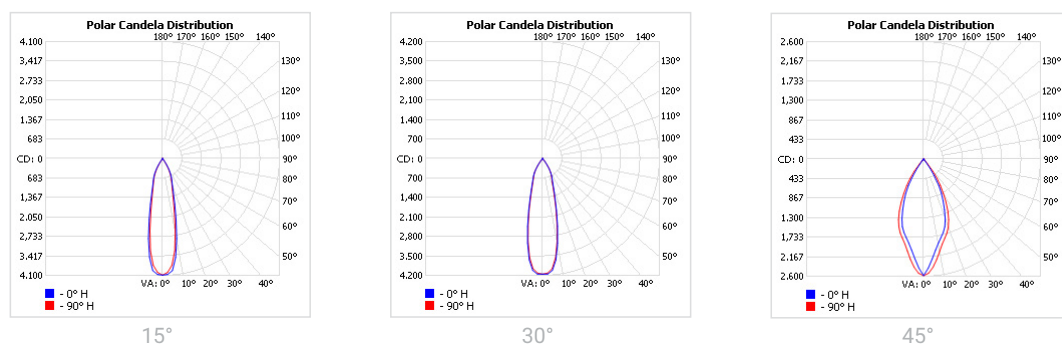
**SPECIFICATIONS**

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	DALI
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>						
276036 SolaL C34016/2700/14W/80/A15	Ø95x240±1mm	2700	1440	14W	103	15°
276037 SolaL C34016/3000/14W/80/A15	Ø95x240±1mm	3000	1455	14W	104	15°
276038 SolaL C34016/3500/14W/80/A15	Ø95x240±1mm	3500	1495	14W	107	15°
276039 SolaL C34016/4000/14W/80/A15	Ø95x240±1mm	4000	1525	14W	109	15°
276040 SolaL C34016/2700/14W/80/A30	Ø95x240±1mm	2700	1440	14W	103	30°
276041 SolaL C34016/3000/14W/80/A30	Ø95x240±1mm	3000	1455	14W	104	30°
276042 SolaL C34016/3500/14W/80/A30	Ø95x240±1mm	3500	1495	14W	107	30°
276043 SolaL C34016/4000/14W/80/A30	Ø95x240±1mm	4000	1525	14W	109	30°
276044 SolaL C34016/2700/14W/80/A45	Ø95x240±1mm	2700	1440	14W	103	45°
276045 SolaL C34016/3000/14W/80/A45	Ø95x240±1mm	3000	1455	14W	104	45°
276046 SolaL C34016/3500/14W/80/A45	Ø95x240±1mm	3500	1495	14W	107	45°
276047 SolaL C34016/4000/14W/80/A45	Ø95x240±1mm	4000	1525	14W	109	45°
276048 SolaL C34016/2700/20W/80/A15	Ø95x240±1mm	2700	2010	20W	101	15°
276049 SolaL C34016/3000/20W/80/A15	Ø95x240±1mm	3000	2025	20W	102	15°
276050 SolaL C34016/3500/20W/80/A15	Ø95x240±1mm	3500	2080	20W	104	15°
276051 SolaL C34016/4000/20W/80/A15	Ø95x240±1mm	4000	2120	20W	106	15°
276052 SolaL C34016/2700/20W/80/A30	Ø95x240±1mm	2700	2010	20W	101	30°
276053 SolaL C34016/3000/20W/80/A30	Ø95x240±1mm	3000	2025	20W	102	30°
276054 SolaL C34016/3500/20W/80/A30	Ø95x240±1mm	3500	2080	20W	104	30°
276055 SolaL C34016/4000/20W/80/A30	Ø95x240±1mm	4000	2120	20W	106	30°
276056 SolaL C34016/2700/20W/80/A45	Ø95x240±1mm	2700	2010	20W	101	45°
276057 SolaL C34016/3000/20W/80/A45	Ø95x240±1mm	3000	2025	20W	102	45°
276058 SolaL C34016/3500/20W/80/A45	Ø95x240±1mm	3500	2080	20W	104	45°
276059 SolaL C34016/4000/20W/80/A45	Ø95x240±1mm	4000	2120	20W	106	45°
276060 SolaL C34016/2700/27W/80/A15	Ø95x240±1mm	2700	2605	27W	97	15°
276061 SolaL C34016/3000/27W/80/A15	Ø95x240±1mm	3000	2630	27W	98	15°
276062 SolaL C34016/3500/27W/80/A15	Ø95x240±1mm	3500	2700	27W	100	15°
276063 SolaL C34016/4000/27W/80/A15	Ø95x240±1mm	4000	2755	27W	103	15°
276064 SolaL C34016/2700/27W/80/A30	Ø95x240±1mm	2700	2605	27W	97	30°
276065 SolaL C34016/3000/27W/80/A30	Ø95x240±1mm	3000	2630	27W	98	30°
276066 SolaL C34016/3500/27W/80/A30	Ø95x240±1mm	3500	2700	27W	100	30°
276067 SolaL C34016/4000/27W/80/A30	Ø95x240±1mm	4000	2755	27W	103	30°
276068 SolaL C34016/2700/27W/80/A45	Ø95x240±1mm	2700	2605	27W	97	45°
276069 SolaL C34016/3000/27W/80/A45	Ø95x240±1mm	3000	2630	27W	98	45°
276070 SolaL C34016/3500/27W/80/A45	Ø95x240±1mm	3500	2700	27W	100	45°
276071 SolaL C34016/4000/27W/80/A45	Ø95x240±1mm	4000	2755	27W	103	45°
276082 SolaL C34016/AMB2200/14W/80/A15	Ø95x240±1mm	AMB2200	1020	14W	73	15°
276083 SolaL C34016/AMB2200/14W/80/A30	Ø95x240±1mm	AMB2200	1020	14W	73	30°
276084 SolaL C34016/AMB2200/14W/80/A45	Ø95x240±1mm	AMB2200	1020	14W	73	45°
276085 SolaL C34016/AMB2200/20W/80/A15	Ø95x240±1mm	AMB2200	1410	20W	71	15°
276086 SolaL C34016/AMB2200/20W/80/A30	Ø95x240±1mm	AMB2200	1410	20W	71	30°
276087 SolaL C34016/AMB2200/20W/80/A45	Ø95x240±1mm	AMB2200	1410	20W	71	45°
276088 SolaL C34016/AMB2200/27W/80/A15	Ø95x240±1mm	AMB2200	1870	27W	70	15°
276089 SolaL C34016/AMB2200/27W/80/A30	Ø95x240±1mm	AMB2200	1870	27W	70	30°
276090 SolaL C34016/AMB2200/27W/80/A45	Ø95x240±1mm	AMB2200	1870	27W	70	45°
276166 SolaL C34016/BVF/14W/80/A15	Ø95x240±1mm	BVF	1225	14W	88	15°
276167 SolaL C34016/FBS/14W/80/A15	Ø95x240±1mm	FBS	830	14W	60	15°
276168 SolaL C34016/FZM/14W/80/A15	Ø95x240±1mm	FZM	800	14W	58	15°
276169 SolaL C34016/FSM/14W/80/A15	Ø95x240±1mm	FSM	830	14W	60	15°
276170 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>						
276171 SolaL C34016/BVF/14W/80/A30	Ø95x240±1mm	BVF	1225	14W	88	30°
276172 SolaL C34016/FBS/14W/80/A30	Ø95x240±1mm	FBS	830	14W	60	30°
276173 SolaL C34016/FZM/14W/80/A30	Ø95x240±1mm	FZM	800	14W	58	30°
276174 SolaL C34016/FSM/14W/80/A30	Ø95x240±1mm	FSM	830	14W	60	30°
276175 SolaL C34016/FSH/14W/80/A30	Ø95x240±1mm	FSH	1180	14W	85	30°
276176 SolaL C34016/BVF/14W/80/A45	Ø95x240±1mm	BVF	1225	14W	88	45°
276177 SolaL C34016/FBS/14W/80/A45	Ø95x240±1mm	FBS	830	14W	60	45°
276178 SolaL C34016/FZM/14W/80/A45	Ø95x240±1mm	FZM	800	14W	58	45°
276179 SolaL C34016/FSM/14W/80/A45	Ø95x240±1mm	FSM	830	14W	60	45°
276180 SolaL C34016/FSH/14W/80/A45	Ø95x240±1mm	FSH	1180	14W	85	45°
276181 SolaL C34016/BVF/20W/80/A15	Ø95x240±1mm	BVF	1675	20W	84	15°
276182 SolaL C34016/FBS/20W/80/A15	Ø95x240±1mm	FBS	1155	20W	58	15°
276183 SolaL C34016/FZM/20W/80/A15	Ø95x240±1mm	FZM	1105	20W	56	15°
276184 SolaL C34016/FSM/20W/80/A15	Ø95x240±1mm	FSM	1130	20W	57	15°
276185 SolaL C34016/FSH/20W/80/A15	Ø95x240±1mm	FSH	1640	20W	82	15°
276186 SolaL C34016/BVF/20W/80/A30	Ø95x240±1mm	BVF	1675	20W	84	30°
276187 SolaL C34016/FBS/20W/80/A30	Ø95x240±1mm	FBS	1155	20W	58	30°
276188 SolaL C34016/FZM/20W/80/A30	Ø95x240±1mm	FZM	1105	20W	56	30°
276189 SolaL C34016/FSM/20W/80/A30	Ø95x240±1mm	FSM	1130	20W	57	30°
276190 SolaL C34016/FSH/20W/80/A30	Ø95x240±1mm	FSH	1640	20W	82	30°
276191 SolaL C34016/BVF/20W/80/A45	Ø95x240±1mm	BVF	1675	20W	84	45°
276192 SolaL C34016/FBS/20W/80/A45	Ø95x240±1mm	FBS	1155	20W	58	45°
276193 SolaL C34016/FZM/20W/80/A45	Ø95x240±1mm	FZM	1105	20W	56	45°
276194 SolaL C34016/FSM/20W/80/A45	Ø95x240±1mm	FSM	1130	20W	57	45°
276195 SolaL C34016/FSH/20W/80/A45	Ø95x240±1mm	FSH	1640	20W	82	45°
276196 SolaL C34016/BVF/27W/80/A15	Ø95x240±1mm	BVF	2220	27W	83	15°
276197 SolaL C34016/FBS/27W/80/A15	Ø95x240±1mm	FBS	1515	27W	57	15°
276198 SolaL C34016/FZM/27W/80/A15	Ø95x240±1mm	FZM	1455	27W	54	15°
276199 SolaL C34016/FSM/27W/80/A15	Ø95x240±1mm	FSM	1480	27W	55	15°
276200 SolaL C34016/FSH/27W/80/A15	Ø95x240±1mm	FSH	2170	27W	81	15°
276201 SolaL C34016/BVF/27W/80/A30	Ø95x240±1mm	BVF	2220	27W	83	30°
276202 SolaL C34016/FBS/27W/80/A30	Ø95x240±1mm	FBS	1515	27W	57	30°
276203 SolaL C34016/FZM/27W/80/A30	Ø95x240±1mm	FZM	1455	27W	54	30°
276204 SolaL C34016/FSM/27W/80/A30	Ø95x240±1mm	FSM	1480	27W	55	30°
276205 SolaL C34016/FSH/27W/80/A30	Ø95x240±1mm	FSH	2170	27W	81	30°
276206 SolaL C34016/BVF/27W/80/A45	Ø95x240±1mm	BVF	2220	27W	83	45°
276207 SolaL C34016/FBS/27W/80/A45	Ø95x240±1mm	FBS	1515	27W	57	45°
276208 SolaL C34016/FZM/27W/80/A45	Ø95x240±1mm	FZM	1455	27W	54	45°
276209 SolaL C34016/FSM/27W/80/A45	Ø95x240±1mm	FSM	1480	27W	55	45°
276210 SolaL C34016/FSH/27W/80/A45	Ø95x240±1mm	FSH	2170	27W	81	45°
<b>CRI 93</b>						
276121 SolaL C34016/AGI3000/14W/93/A15	Ø95x240±1mm	AGI3000	845	14W	61	15°
276122 SolaL C34016/AGI3500/14W/93/A15	Ø95x240±1mm	AGI3500	900	14W	65	15°
276123 SolaL C34016/AGI4000/14W/93/A15	Ø95x240±1mm	AGI4000	955	14W	69	15°
276124 SolaL C34016/AGI3000/14W/93/A30	Ø95x240±1mm	AGI3000	845	14W	61	30°
276125 SolaL C34016/AGI3500/14W/93/A30	Ø95x240±1mm	AGI3500	900	14W	65	30°
276126 SolaL C34016/AGI4000/14W/93/A30	Ø95x240±1mm	AGI4000	955	14W	69	30°
276127 SolaL C34016/AGI3000/14W/93/A45	Ø95x240±1mm	AGI3000	845	14W	61	45°
276128 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>						
276129 SolaL C34016/AGI4000/14W/93/A45	Ø95x240±1mm	AGI4000	955	14W	69	45°
276130 SolaL C34016/AGI3000/20W/93/A15	Ø95x240±1mm	AGI3000	1200	20W	60	15°
276131 SolaL C34016/AGI3500/20W/93/A15	Ø95x240±1mm	AGI3500	1275	20W	64	15°
276132 SolaL C34016/AGI4000/20W/93/A15	Ø95x240±1mm	AGI4000	1355	20W	68	15°
276133 SolaL C34016/AGI3000/20W/93/A30	Ø95x240±1mm	AGI3000	1200	20W	60	30°
276134 SolaL C34016/AGI3500/20W/93/A30	Ø95x240±1mm	AGI3500	1275	20W	64	30°
276135 SolaL C34016/AGI4000/20W/93/A30	Ø95x240±1mm	AGI4000	1355	20W	68	30°
276136 SolaL C34016/AGI3000/20W/93/A45	Ø95x240±1mm	AGI3000	1200	20W	60	45°
276137 SolaL C34016/AGI3500/20W/93/A45	Ø95x240±1mm	AGI3500	1275	20W	64	45°
276138 SolaL C34016/AGI4000/20W/93/A45	Ø95x240±1mm	AGI4000	1355	20W	68	45°
276139 SolaL C34016/AGI3000/27W/93/A15	Ø95x240±1mm	AGI3000	1505	27W	56	15°
276140 SolaL C34016/AGI3500/27W/93/A15	Ø95x240±1mm	AGI3500	1595	27W	60	15°
276141 SolaL C34016/AGI4000/27W/93/A15	Ø95x240±1mm	AGI4000	1700	27W	63	15°
276142 SolaL C34016/AGI3000/27W/93/A30	Ø95x240±1mm	AGI3000	1505	27W	56	30°
276143 SolaL C34016/AGI3500/27W/93/A30	Ø95x240±1mm	AGI3500	1595	27W	60	30°
276144 SolaL C34016/AGI4000/27W/93/A30	Ø95x240±1mm	AGI4000	1700	27W	63	30°
276145 SolaL C34016/AGI3000/27W/93/A45	Ø95x240±1mm	AGI3000	1505	27W	56	45°
276146 SolaL C34016/AGI3500/27W/93/A45	Ø95x240±1mm	AGI3500	1595	27W	60	45°
276147 SolaL C34016/AGI4000/27W/93/A45	Ø95x240±1mm	AGI4000	1700	27W	63	45°
<b>CRI 95</b>						
276221 SolaL C34016/FAS/14W/95/A15	Ø95x240±1mm	FAS	1165	14W	84	15°
276222 SolaL C34016/FAS/14W/95/A30	Ø95x240±1mm	FAS	1165	14W	84	30°
276223 SolaL C34016/FAS/14W/95/A45	Ø95x240±1mm	FAS	1165	14W	84	45°
276224 SolaL C34016/FAS/20W/95/A15	Ø95x240±1mm	FAS	1610	20W	81	15°
276225 SolaL C34016/FAS/20W/95/A30	Ø95x240±1mm	FAS	1610	20W	81	30°
276226 SolaL C34016/FAS/20W/95/A45	Ø95x240±1mm	FAS	1610	20W	81	45°
276227 SolaL C34016/FAS/27W/95/A15	Ø95x240±1mm	FAS	2120	27W	79	15°
276228 SolaL C34016/FAS/27W/95/A30	Ø95x240±1mm	FAS	2120	27W	79	30°
276229 SolaL C34016/FAS/27W/95/A45	Ø95x240±1mm	FAS	2120	27W	79	45°
<b>CRI 98</b>						
276149 SolaL C34016/ART3000/14W/98/A15	Ø95x240±1mm	ART3000	1160	14W	83	15°
276151 SolaL C34016/ART3000/14W/98/A30	Ø95x240±1mm	ART3000	1160	14W	83	30°
276153 SolaL C34016/ART3000/14W/98/A45	Ø95x240±1mm	ART3000	1160	14W	83	45°
276155 SolaL C34016/ART3000/20W/98/A15	Ø95x240±1mm	ART3000	1600	20W	80	15°
276157 SolaL C34016/ART3000/20W/98/A30	Ø95x240±1mm	ART3000	1600	20W	80	30°
276159 SolaL C34016/ART3000/20W/98/A45	Ø95x240±1mm	ART3000	1600	20W	80	45°
276161 SolaL C34016/ART3000/27W/98/A15	Ø95x240±1mm	ART3000	2095	27W	78	15°
276163 SolaL C34016/ART3000/27W/98/A30	Ø95x240±1mm	ART3000	2095	27W	78	30°
276165 SolaL C34016/ART3000/27W/98/A45	Ø95x240±1mm	ART3000	2095	27W	78	45°

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