

# Quartz S

## SUSPENDED LINEAR LUMINAIRE

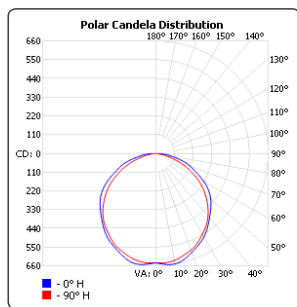


- Available in three form factors: 60cm, 120cm and 150cm
- Emergency kit available
- Three temperatures: 3000K, 4000K and 5000K
- With IP40 protection
- 110° lens angle
- Two mounting options: surface-mounted or suspended with suspension kit

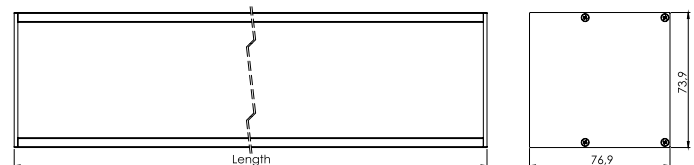
### Applications

Grocery & supermarket, Office, Healthcare, Hospitality, DIY

### LIGHT DISTRIBUTION



### TECHNICAL DRAW



### Power

**A:** 12W, 22W  
**B:** 21W, 37W, 44W  
**C:** 31W, 45W, 55W  
**A:** 608 x 76.9 x 87.7 ± 1mm  
**B:** 1180 x 76.9 x 87.7 ± 1mm  
**C:** 1466 x 76.9 x 87.7 ± 1mm  
 CRI80

### Dimensions

### Color Rendering

### Housing materials

### IK Code

### THD (at 230V, 50Hz, full load)

### Protection class

### Operating temperature (°C)

### Operating humidity (%)

### Power factor

### AC Input

### Color temperature

### Lens angle (°)

### Lifespan (h)

### Housing color

### Color consistency

### Lumen maintenance

### IP Rating

### Control option

### Warranty (years)

### Storage Temperature Range (°C)

### Efficiency @4000K

### Luminous flux tolerance

### Consumption tolerance

Aluminium, polycarbonate

IK04

<20%

Safety class 1

-20C...+45C/-4F...+113F

10 ÷ 85

≥0.95

220-240 Vac

3000K, 4000K, 5000K

110°

50000

Anodised grey

MacAdam 4

L70/B30@50.000h at 25°C

IP40

-

5 years

-20 ÷ +55/-4F...+131F

90 lm/W

+/- 5%

TEC -/+ 5%

TEC + KIT EM -/+10%

### Risk group

### 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.

### Maximum no. of luminaires on a circuit

Power	Amperage	Circuit Breaker Type					
		B			C		
12-31W		20	16	10	20	16	10
12-31W		48	38	24	80	63	40
37-50W		30	24	14	50	40	32
55W		28	22	13	46	36	21

ARTICLE NUMBER	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Efficiency (lm/watt)	Lens angle (degrees)	Weight (kg)
175092 Quartz 60S/3000/12W/80/A110	608 x 76.9 x 87.7 ± 1mm	3000	855	12	72	110°	2.2
175093 Quartz 60S/4000/12W/80/A110	608 x 76.9 x 87.7 ± 1mm	4000	880	12	74	110°	2.2
175094 Quartz 60S/5000/12W/80/A110	608 x 76.9 x 87.7 ± 1mm	5000	920	12	77	110°	2.2
175096 Quartz 60S/3000/22W/80/A110	608 x 76.9 x 87.7 ± 1mm	3000	1655	22	76	110°	2.2
175097 Quartz 60S/4000/22W/80/A110	608 x 76.9 x 87.7 ± 1mm	4000	1710	22	78	110°	4.0
175098 Quartz 60S/5000/22W/80/A110	608 x 76.9 x 87.7 ± 1mm	5000	1785	22	82	110°	4.0
175100 Quartz 120S/3000/21W/80/A110	1180 x 76.9 x 87.7 ± 1mm	3000	1765	21	85	110°	4.0
175101 Quartz 120S/4000/21W/80/A110	1180 x 76.9 x 87.7 ± 1mm	4000	1820	21	87	110°	4.0
175102 Quartz 120S/5000/21W/80/A110	1180 x 76.9 x 87.7 ± 1mm	5000	1905	21	91	110°	4.0
175104 Quartz 120S/3000/37W/80/A110	1180 x 76.9 x 87.7 ± 1mm	3000	3160	37	86	110°	4.0
175105 Quartz 120S/4000/37W/80/A110	1180 x 76.9 x 87.7 ± 1mm	4000	3260	37	89	110°	4.0
175106 Quartz 120S/5000/37W/80/A110	1180 x 76.9 x 87.7 ± 1mm	5000	3405	37	93	110°	4.0
175112 Quartz 120S/3000/45W/80/A110	1180 x 76.9 x 87.7 ± 1mm	3000	3615	45	81	110°	4.0
175113 Quartz 120S/4000/45W/80/A110	1180 x 76.9 x 87.7 ± 1mm	4000	3725	45	83	110°	4.0
175114 Quartz 120S/5000/45W/80/A110	1180 x 76.9 x 87.7 ± 1mm	5000	3895	45	87	110°	4.0
175148 Quartz 150S/3000/31W/80/A110	1466 x 76.9 x 87.7 ± 1mm	3000	2500	31	81	110°	4.0
175149 Quartz 150S/4000/31W/80/A110	1466 x 76.9 x 87.7 ± 1mm	4000	2575	31	84	110°	5.0
175150 Quartz 150S/5000/31W/80/A110	1466 x 76.9 x 87.7 ± 1mm	5000	2690	31	87	110°	5.0
175152 Quartz 150S/3000/45W/80/A110	1466 x 76.9 x 87.7 ± 1mm	3000	3920	45	88	110°	5.0
175153 Quartz 150S/4000/45W/80/A110	1466 x 76.9 x 87.7 ± 1mm	4000	4040	45	90	110°	5.0
175154 Quartz 150S/5000/45W/80/A110	1466 x 76.9 x 87.7 ± 1mm	5000	4225	45	94	110°	5.0
175156 Quartz 150S/3000/55W/80/A110	1466 x 76.9 x 87.7 ± 1mm	3000	4500	55	82	110°	5.0
175157 Quartz 150S/4000/55W/80/A110	1466 x 76.9 x 87.7 ± 1mm	4000	4640	55	85	110°	5.0
175158 Quartz 150S/5000/55W/80/A110	1466 x 76.9 x 87.7 ± 1mm	5000	4855	55	89	110°	5.0

## Equipped with 1 hour emergency kit

175116 Quartz 120S/3000/21W/80/A110/EM1H	1180 x 76.9 x 87.7 ± 1mm	3000	1765	21	85	110°	4.8
175117 Quartz 120S/4000/21W/80/A110/EM1H	1180 x 76.9 x 87.7 ± 1mm	4000	1820	21	87	110°	4.8
175118 Quartz 120S/5000/21W/80/A110/EM1H	1180 x 76.9 x 87.7 ± 1mm	5000	1905	21	91	110°	4.8
175120 Quartz 120S/3000/37W/80/A110/EM1H	1180 x 76.9 x 87.7 ± 1mm	3000	3160	37	86	110°	4.8
175121 Quartz 120S/4000/37W/80/A110/EM1H	1180 x 76.9 x 87.7 ± 1mm	4000	3260	37	89	110°	4.8
175122 Quartz 120S/5000/37W/80/A110/EM1H	1180 x 76.9 x 87.7 ± 1mm	5000	3405	37	93	110°	4.8
175128 Quartz 120S/3000/45W/80/A110/EM1H	1180 x 76.9 x 87.7 ± 1mm	3000	3615	45	81	110°	4.8
175129 Quartz 120S/4000/45W/80/A110/EM1H	1180 x 76.9 x 87.7 ± 1mm	4000	3725	45	83	110°	4.8
175130 Quartz 120S/5000/45W/80/A110/EM1H	1180 x 76.9 x 87.7 ± 1mm	5000	3895	45	87	110°	4.8
175160 Quartz 150S/3000/31W/80/A110/EM1H	1466 x 76.9 x 87.7 ± 1mm	3000	2500	31	81	110°	5.7
175161 Quartz 150S/4000/31W/80/A110/EM1H	1466 x 76.9 x 87.7 ± 1mm	4000	2575	31	84	110°	5.7
175162 Quartz 150S/5000/31W/80/A110/EM1H	1466 x 76.9 x 87.7 ± 1mm	5000	2690	31	87	110°	5.7
175164 Quartz 150S/3000/45W/80/A110/EM1H	1466 x 76.9 x 87.7 ± 1mm	3000	3920	45	88	110°	5.7
175165 Quartz 150S/4000/45W/80/A110/EM1H	1466 x 76.9 x 87.7 ± 1mm	4000	4040	45	90	110°	5.7
175166 Quartz 150S/5000/45W/80/A110/EM1H	1466 x 76.9 x 87.7 ± 1mm	5000	4225	45	94	110°	5.7
175168 Quartz 150S/3000/55W/80/A110/EM1H	1466 x 76.9 x 87.7 ± 1mm	3000	4500	55	82	110°	5.7
175169 Quartz 150S/4000/55W/80/A110/EM1H	1466 x 76.9 x 87.7 ± 1mm	4000	4640	55	85	110°	5.7
175170 Quartz 150S/5000/55W/80/A110/EM1H	1466 x 76.9 x 87.7 ± 1mm	5000	4855	55	89	110°	5.7

## Equipped with 3 hours emergency kit

175132 Quartz 120S/3000/21W/80/A110/EM3H	1180 x 76.9 x 87.7 ± 1mm	3000	1765	21	85	110°	4.9
175133 Quartz 120S/4000/21W/80/A110/EM3H	1180 x 76.9 x 87.7 ± 1mm	4000	1820	21	87	110°	4.9
175134 Quartz 120S/5000/21W/80/A110/EM3H	1180 x 76.9 x 87.7 ± 1mm	5000	1905	21	91	110°	4.9
175136 Quartz 120S/3000/37W/80/A110/EM3H	1180 x 76.9 x 87.7 ± 1mm	3000	3160	37	86	110°	4.9
175137 Quartz 120S/4000/37W/80/A110/EM3H	1180 x 76.9 x 87.7 ± 1mm	4000	3260	37	89	110°	4.9
175138 Quartz 120S/5000/37W/80/A110/EM3H	1180 x 76.9 x 87.7 ± 1mm	5000	3405	37	93	110°	4.9
175144 Quartz 120S/3000/45W/80/A110/EM3H	1180 x 76.9 x 87.7 ± 1mm	3000	3615	45	81	110°	4.9
175145 Quartz 120S/4000/45W/80/A110/EM3H	1180 x 76.9 x 87.7 ± 1mm	4000	3725	45	83	110°	4.9
175146 Quartz 120S/5000/45W/80/A110/EM3H	1180 x 76.9 x 87.7 ± 1mm	5000	3895	45	87	110°	4.9
175172 Quartz 150S/3000/31W/80/A110/EM3H	1466 x 76.9 x 87.7 ± 1mm	3000	2500	31	81	110°	5.7
175173 Quartz 150S/4000/31W/80/A110/EM3H	1466 x 76.9 x 87.7 ± 1mm	4000	2575	31	84	110°	5.8
175174 Quartz 150S/5000/31W/80/A110/EM3H	1466 x 76.9 x 87.7 ± 1mm	5000	2690	31	87	110°	5.8
175176 Quartz 150S/3000/45W/80/A110/EM3H	1466 x 76.9 x 87.7 ± 1mm	3000	3920	45	88	110°	5.8
175177 Quartz 150S/4000/45W/80/A110/EM3H	1466 x 76.9 x 87.7 ± 1mm	4000	4040	45	90	110°	5.8
175178 Quartz 150S/5000/45W/80/A110/EM3H	1466 x 76.9 x 87.7 ± 1mm	5000	4225	45	94	110°	5.8
175180 Quartz 150S/3000/55W/80/A110/EM3H	1466 x 76.9 x 87.7 ± 1mm	3000	4500	55	82	110°	5.8
175181 Quartz 150S/4000/55W/80/A110/EM3H	1466 x 76.9 x 87.7 ± 1mm	4000	4640	55	85	110°	5.8
175182 Quartz 150S/5000/55W/80/A110/EM3H	1466 x 76.9 x 87.7 ± 1mm	5000	4855	55	89	110°	5.8

**ARTICLE NUMBER**

1751 GT1 QTZ/WM/3m  
1752 GT1 QTZ/WM/5m  
1753 GT1 QTZ/WM/7m  
1754 GT1 QTZ/WM/10m

**Materials**

Steel, aluminium, plastic

