

Quartz R

Recessed



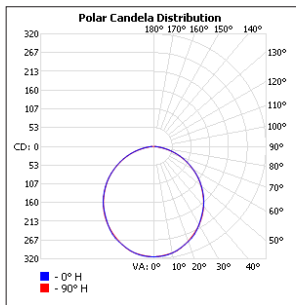
FEATURES & BENEFITS

- Available in three form factors: 60cm, 120cm and 150cm
- Three temperatures: 3000K, 4000K and 5000K
- 110° lens angle
- With IP40 protection
- Color rendering index: 80
- Efficiency @4000K: 88 lm/W

APPLICATIONS

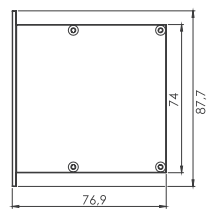
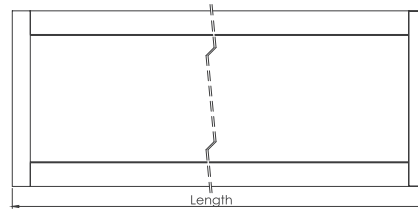
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LIGHT DISTRIBUTION



110°

TECHNICAL DRAW



SPECIFICATIONS

Power	14W, 17W, 21W	29W, 36W, 43W	33W, 42W, 51W
Dimensions	608 x 76.9 x 87.7 ± 1mm	1180 x 76.9 x 87.7 ± 1mm	1466 x 76.9 x 87.7 ± 1mm
Color Rendering	CRI80		
Housing materials	Aluminium, polycarbonate		
IK Code	IK04		
THD	<20%		
Protection Class	Safety class 1		
Operating temperature (°C)	-20C...+55C/-4F...+131F		
Operating humidity (%)	10 ÷ 85		
Power factor	≥0.95		
AC Input	220-240 Vac		
Color temperature	3000K, 4000K, 5000K		
Lens angle (°)	110°		
Lifespan (h)	50000		
Housing color	Anodised grey		
Color consistency	MacAdam 3		
Lumen maintenance	L80/B20@50.000h at 25°C		
IP Rating	IP40		
Control option	-		
Warranty (years)	5 years		
Storage Temperature Range (°C)	-25C...+55C/-13F...+131F		
Efficiency @4000K	88 lm/W		
Luminous flux tolerance	+/- 5%		
Consumption tolerance	TEC -/+ 5% / TEC + KIT EM -/+10%		
Risk group	<p>RG0</p> <p>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 "Exempt (RG0 – No photobiological hazard)". 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.</p>		

MAXIMUM NO. OF LUMINAIRES ON A CIRCUIT

Form factor (cm)	Luminaire power (W)	Control type	Circuit Breaker Type							
			B				C			
			20	16	13	10	20	16	13	10
60	≤ 21W	Non-DALI	116	93	75	58	116	93	75	58
120	≤ 43W	Non-DALI	58	47	38	29	58	47	38	29
150	≤ 51W	Non-DALI	45	36	29	22	45	36	29	22

SKU SPECIFICATIONS

Article Number	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Efficiency (lm/watt)	Lens angle (degrees)	Weight (kg)
175300 Quartz 60R/3000/14W/80/A110	608 x 76.9 x 87.7 ± 1mm	3000K	1085	14W	78	110°	2.2Kg
175301 Quartz 60R/4000/14W/80/A110	608 x 76.9 x 87.7 ± 1mm	4000K	1145	14W	82	110°	2.2Kg
175302 Quartz 60R/5000/14W/80/A110	608 x 76.9 x 87.7 ± 1mm	5000K	1160	14W	83	110°	2.2Kg
175303 Quartz 60R/3000/17W/80/A110	608 x 76.9 x 87.7 ± 1mm	3000K	1320	17W	78	110°	2.2Kg
175304 Quartz 60R/4000/17W/80/A110	608 x 76.9 x 87.7 ± 1mm	4000K	1390	17W	82	110°	2.2Kg
175305 Quartz 60R/5000/17W/80/A110	608 x 76.9 x 87.7 ± 1mm	5000K	1410	17W	83	110°	2.2Kg
175306 Quartz 60R/3000/21W/80/A110	608 x 76.9 x 87.7 ± 1mm	3000K	1500	21W	72	110°	2.2Kg
175307 Quartz 60R/4000/21W/80/A110	608 x 76.9 x 87.7 ± 1mm	4000K	1580	21W	76	110°	2.2Kg
175308 Quartz 60R/5000/21W/80/A110	608 x 76.9 x 87.7 ± 1mm	5000K	1600	21W	77	110°	2.2Kg
175309 Quartz 120R/3000/29W/80/A110	1180 x 76.9 x 87.7 ± 1mm	3000K	2315	29W	80	110°	4Kg
175310 Quartz 120R/4000/29W/80/A110	1180 x 76.9 x 87.7 ± 1mm	4000K	2440	29W	85	110°	4Kg
175311 Quartz 120R/5000/29W/80/A110	1180 x 76.9 x 87.7 ± 1mm	5000K	2475	29W	86	110°	4Kg
175312 Quartz 120R/3000/36W/80/A110	1180 x 76.9 x 87.7 ± 1mm	3000K	2775	36W	78	110°	4Kg
175313 Quartz 120R/4000/36W/80/A110	1180 x 76.9 x 87.7 ± 1mm	4000K	2925	36W	82	110°	4Kg
175314 Quartz 120R/5000/36W/80/A110	1180 x 76.9 x 87.7 ± 1mm	5000K	2965	36W	83	110°	4Kg
175315 Quartz 120R/3000/43W/80/A110	1180 x 76.9 x 87.7 ± 1mm	3000K	3230	43W	76	110°	4Kg
175316 Quartz 120R/4000/43W/80/A110	1180 x 76.9 x 87.7 ± 1mm	4000K	3405	43W	80	110°	4Kg
175317 Quartz 120R/5000/43W/80/A110	1180 x 76.9 x 87.7 ± 1mm	5000K	3450	43W	81	110°	4Kg
175318 Quartz 150R/3000/33W/80/A110	1466 x 76.9 x 87.7 ± 1mm	3000K	2740	33W	84	110°	5Kg
175319 Quartz 150R/4000/33W/80/A110	1466 x 76.9 x 87.7 ± 1mm	4000K	2890	33W	88	110°	5Kg
175320 Quartz 150R/5000/33W/80/A110	1466 x 76.9 x 87.7 ± 1mm	5000K	2930	33W	89	110°	5Kg
175321 Quartz 150R/3000/42W/80/A110	1466 x 76.9 x 87.7 ± 1mm	3000K	3325	42W	80	110°	5Kg
175322 Quartz 150R/4000/42W/80/A110	1466 x 76.9 x 87.7 ± 1mm	4000K	3505	42W	84	110°	5Kg
175323 Quartz 150R/5000/42W/80/A110	1466 x 76.9 x 87.7 ± 1mm	5000K	3555	42W	85	110°	5Kg
175324 Quartz 150R/3000/51W/80/A110	1466 x 76.9 x 87.7 ± 1mm	3000K	3810	51W	75	110°	5Kg
175325 Quartz 150R/4000/51W/80/A110	1466 x 76.9 x 87.7 ± 1mm	4000K	4015	51W	79	110°	5Kg
175326 Quartz 150R/5000/51W/80/A110	1466 x 76.9 x 87.7 ± 1mm	5000K	4070	51W	80	110°	5Kg