

Quartz R

Recessed



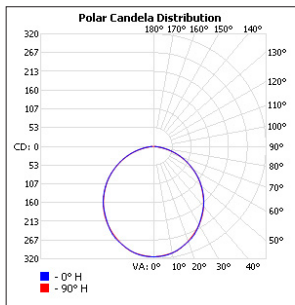
FEATURES & BENEFITS

- 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: 93 lm/W

APPLICATIONS

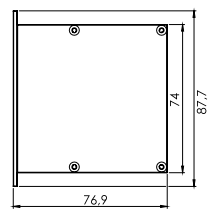
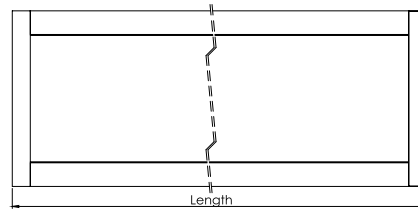
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LIGHT DISTRIBUTION



110°

TECHNICAL DRAW



SPECIFICATIONS

Power	12W, 16W, 19W, 23W	22W, 28W, 36W, 43W	26W, 35W, 45W, 53W
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		
Protection Class	Safety class 1		
Operating temperature (°C)	-25C...+50C/-13F...+122F		
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...+50C/-13F...+122F		
Efficiency @4000K	93 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

Luminaire Power(W)	Control type	Circuit Breaker Type					
		B			C		
		20	16	10	20	16	10
<50W	-	38	30	19	62	51	31
≥50W	-	38	30	19	62	51	31

SKU SPECIFICATIONS

Article Number	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Efficiency (lm/watt)	Lens angle (degrees)	Weight (kg)
175200 Quartz 60R/3000/12W/80/A110	608 x 76.9 x 87.7 ± 1mm	3000K	945	12W	79	110°	2.2Kg
175201 Quartz 60R/4000/12W/80/A110	608 x 76.9 x 87.7 ± 1mm	4000K	995	12W	83	110°	2.2Kg
175202 Quartz 60R/5000/12W/80/A110	608 x 76.9 x 87.7 ± 1mm	5000K	1010	12W	85	110°	2.2Kg
175203 Quartz 60R/3000/16W/80/A110	608 x 76.9 x 87.7 ± 1mm	3000K	1175	16W	74	110°	2.2Kg
175204 Quartz 60R/4000/16W/80/A110	608 x 76.9 x 87.7 ± 1mm	4000K	1240	16W	78	110°	2.2Kg
175205 Quartz 60R/5000/16W/80/A110	608 x 76.9 x 87.7 ± 1mm	5000K	1260	16W	79	110°	2.2Kg
175206 Quartz 60R/3000/19W/80/A110	608 x 76.9 x 87.7 ± 1mm	3000K	1420	19W	75	110°	2.2Kg
175207 Quartz 60R/4000/19W/80/A110	608 x 76.9 x 87.7 ± 1mm	4000K	1500	19W	79	110°	2.2Kg
175208 Quartz 60R/5000/19W/80/A110	608 x 76.9 x 87.7 ± 1mm	5000K	1520	19W	80	110°	2.2Kg
175209 Quartz 60R/3000/23W/80/A110	608 x 76.9 x 87.7 ± 1mm	3000K	1620	23W	71	110°	2.2Kg
175210 Quartz 60R/4000/23W/80/A110	608 x 76.9 x 87.7 ± 1mm	4000K	1705	23W	75	110°	2.2Kg
175211 Quartz 60R/5000/23W/80/A110	608 x 76.9 x 87.7 ± 1mm	5000K	1730	23W	76	110°	2.2Kg
175212 Quartz 120R/3000/22W/80/A110	1180 x 76.9 x 87.7 ± 1mm	3000K	1885	22W	86	110°	4Kg
175213 Quartz 120R/4000/22W/80/A110	1180 x 76.9 x 87.7 ± 1mm	4000K	1990	22W	91	110°	4Kg
175214 Quartz 120R/5000/22W/80/A110	1180 x 76.9 x 87.7 ± 1mm	5000K	2015	22W	92	110°	4Kg
175215 Quartz 120R/3000/28W/80/A110	1180 x 76.9 x 87.7 ± 1mm	3000K	2375	28W	85	110°	4Kg
175216 Quartz 120R/4000/28W/80/A110	1180 x 76.9 x 87.7 ± 1mm	4000K	2505	28W	90	110°	4Kg
175217 Quartz 120R/5000/28W/80/A110	1180 x 76.9 x 87.7 ± 1mm	5000K	2540	28W	91	110°	4Kg
175218 Quartz 120R/3000/36W/80/A110	1180 x 76.9 x 87.7 ± 1mm	3000K	2920	36W	82	110°	4Kg
175219 Quartz 120R/4000/36W/80/A110	1180 x 76.9 x 87.7 ± 1mm	4000K	3080	36W	86	110°	4Kg
175220 Quartz 120R/5000/36W/80/A110	1180 x 76.9 x 87.7 ± 1mm	5000K	3120	36W	87	110°	4Kg
175221 Quartz 120R/3000/43W/80/A110	1180 x 76.9 x 87.7 ± 1mm	3000K	3335	43W	78	110°	4Kg
175222 Quartz 120R/4000/43W/80/A110	1180 x 76.9 x 87.7 ± 1mm	4000K	3520	43W	82	110°	4Kg
175223 Quartz 120R/5000/43W/80/A110	1180 x 76.9 x 87.7 ± 1mm	5000K	3570	43W	84	110°	4Kg
175224 Quartz 150R/3000/26W/80/A110	1466 x 76.9 x 87.7 ± 1mm	3000K	2290	26W	89	110°	5Kg
175225 Quartz 150R/4000/26W/80/A110	1466 x 76.9 x 87.7 ± 1mm	4000K	2415	26W	93	110°	5Kg
175226 Quartz 150R/5000/26W/80/A110	1466 x 76.9 x 87.7 ± 1mm	5000K	2445	26W	95	110°	5Kg
175227 Quartz 150R/3000/35W/80/A110	1466 x 76.9 x 87.7 ± 1mm	3000K	2895	35W	83	110°	5Kg
175228 Quartz 150R/4000/35W/80/A110	1466 x 76.9 x 87.7 ± 1mm	4000K	3050	35W	88	110°	5Kg
175229 Quartz 150R/5000/35W/80/A110	1466 x 76.9 x 87.7 ± 1mm	5000K	3095	35W	89	110°	5Kg
175230 Quartz 150R/3000/45W/80/A110	1466 x 76.9 x 87.7 ± 1mm	3000K	3570	45W	80	110°	5Kg
175231 Quartz 150R/4000/45W/80/A110	1466 x 76.9 x 87.7 ± 1mm	4000K	3765	45W	84	110°	5Kg
175232 Quartz 150R/5000/45W/80/A110	1466 x 76.9 x 87.7 ± 1mm	5000K	3815	45W	85	110°	5Kg
175233 Quartz 150R/3000/53W/80/A110	1466 x 76.9 x 87.7 ± 1mm	3000K	4050	53W	77	110°	5Kg
175234 Quartz 150R/4000/53W/80/A110	1466 x 76.9 x 87.7 ± 1mm	4000K	4270	53W	81	110°	5Kg
175235 Quartz 150R/5000/53W/80/A110	1466 x 76.9 x 87.7 ± 1mm	5000K	4330	53W	82	110°	5Kg