

QUEEN Recessed

QE90L2R2



QE90L2R2

Basic Parameters

Application	Indoor
Material	ADC12, spraying surface
Coating	Black,White
IP Grade	IP20.Front IP54
Warranty	5 years
Working Temperature	-15℃~30℃

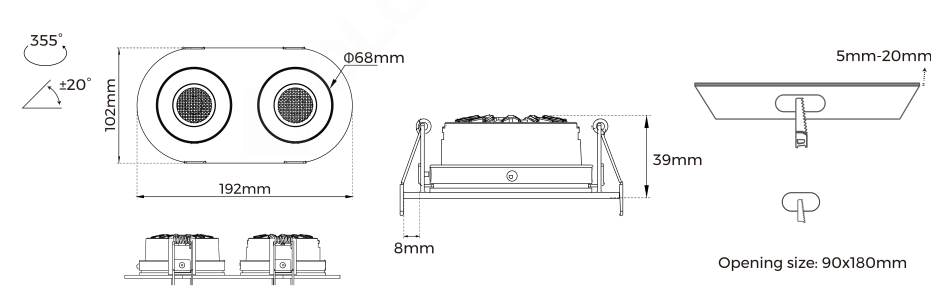
Electrical Parameters

Typ.power	2x6W,2x10W,2x12W
Control	Non-Dimming,0-10V Dimming,Triac Dimming,DALI Dimming,No Power

Optical Parameters

LED	COB Light Source >50,000h-L90-B10 (Ta 25℃)
SDCM	<3 Step
CRI	>90
CCT	2700K,3000K,3500K,4000K,2700K-3000K-3500K-4000K-5000K
Beam Angle	24°,40°,60°

Dimensions



Luminaire Parameters

Version	Type Power (W)	Input Voltage (V)	Input Current (mA)	CCT	Beam Angle	COB Luminous Flux(lm)	Luminaire Luminous Flux (lm)	UGR	Center Beam Candlepower (CBCP)	Beam Diameter
Normal	2x6W	36V	300mA	2700K	24°	1610	990	≤16	4000	45
Normal	2x6W	36V	300mA	2700K	40°	1610	1040	≤19	2040	68
Normal	2x6W	36V	300mA	2700K	60°	1610	1070	≤19	1280	108
Normal	2x6W	36V	300mA	3000K	24°	1670	1040	≤16	4200	45
Normal	2x6W	36V	300mA	3000K	40°	1670	1090	≤19	2160	68
Normal	2x6W	36V	300mA	3000K	60°	1670	1130	≤19	1340	108
Normal	2x6W	36V	300mA	3500K	24°	1694	1080	≤16	4300	45
Normal	2x6W	36V	300mA	3500K	40°	1694	1130	≤19	2240	68
Normal	2x6W	36V	300mA	3500K	60°	1694	1170	≤19	1380	108
Normal	2x6W	36V	300mA	4000K	24°	1700	1100	≤16	4400	45
Normal	2x6W	36V	300mA	4000K	40°	1700	1150	≤19	2280	68
Normal	2x6W	36V	300mA	4000K	60°	1700	1190	≤19	1400	108
Normal	2x10W	36V	500mA	2700K	24°	2682	1480	≤16	6080	45
Normal	2x10W	36V	500mA	2700K	40°	2682	1560	≤19	3200	68
Normal	2x10W	36V	500mA	2700K	60°	2682	1620	≤19	1960	108
Normal	2x10W	36V	500mA	3000K	24°	2782	1560	≤16	6400	45
Normal	2x10W	36V	500mA	3000K	40°	2782	1640	≤19	3360	68
Normal	2x10W	36V	500mA	3000K	60°	2782	1700	≤19	2060	108
Normal	2x10W	36V	500mA	3500K	24°	2824	1610	≤16	6600	45
Normal	2x10W	36V	500mA	3500K	40°	2824	1690	≤19	3460	68
Normal	2x10W	36V	500mA	3500K	60°	2824	1760	≤19	2120	108
Normal	2x10W	36V	500mA	4000K	24°	2836	1640	≤16	6740	45
Normal	2x10W	36V	500mA	4000K	40°	2836	1730	≤19	3540	68

Normal	2x10W	36V	500mA	4000K	60°	2836	1790	≤19	2160	108
Normal	2x12W	36V	600mA	2700K	24°	3220	1680	≤16	6680	45
Normal	2x12W	36V	600mA	2700K	40°	3220	1780	≤19	3520	68
Normal	2x12W	36V	600mA	2700K	60°	3220	1850	≤19	2400	108
Normal	2x12W	36V	600mA	3000K	24°	3340	1780	≤16	7000	45
Normal	2x12W	36V	600mA	3000K	40°	3340	1870	≤19	3800	68
Normal	2x12W	36V	600mA	3000K	60°	3340	1940	≤19	2600	108
Normal	2x12W	36V	600mA	3500K	24°	3390	1850	≤16	7200	45
Normal	2x12W	36V	600mA	3500K	40°	3390	1940	≤19	3800	68
Normal	2x12W	36V	600mA	3500K	60°	3390	2020	≤19	2600	108
Normal	2x12W	36V	600mA	4000K	24°	3402	1870	≤16	7400	45
Normal	2x12W	36V	600mA	4000K	40°	3402	1990	≤19	3800	68
Normal	2x12W	36V	600mA	4000K	60°	3402	2060	≤19	2600	108
5 CCT Dial Switch	2x6W	36V	300mA	2700K	24°	1590	730	≤16	2700	45
5 CCT Dial Switch	2x6W	36V	300mA	2700K	40°	1590	780	≤19	1540	68
5 CCT Dial Switch	2x6W	36V	300mA	2700K	60°	1590	820	≤19	980	108
5 CCT Dial Switch	2x6W	36V	300mA	3000K	24°	1674	780	≤16	3000	45
5 CCT Dial Switch	2x6W	36V	300mA	3000K	40°	1674	780	≤19	1540	68
5 CCT Dial Switch	2x6W	36V	300mA	3000K	60°	1674	800	≤19	900	108
5 CCT Dial Switch	2x6W	36V	300mA	3500K	24°	2074	820	≤16	3200	45
5 CCT Dial Switch	2x6W	36V	300mA	3500K	40°	2074	810	≤19	1640	68
5 CCT Dial Switch	2x6W	36V	300mA	3500K	60°	2074	840	≤19	960	108
5 CCT Dial Switch	2x6W	36V	300mA	4000K	24°	2074	890	≤16	3100	45
5 CCT Dial Switch	2x6W	36V	300mA	4000K	40°	2074	930	≤19	1800	68
5 CCT Dial Switch	2x6W	36V	300mA	4000K	60°	2074	990	≤19	1100	108
5 CCT Dial Switch	2x6W	36V	300mA	5000K	24°	1974	880	≤16	3500	45
5 CCT Dial Switch	2x6W	36V	300mA	5000K	40°	1974	850	≤19	1800	68
5 CCT Dial Switch	2x6W	36V	300mA	5000K	60°	1974	910	≤19	1040	108
5 CCT Dial Switch	2x10W	36V	500mA	2700K	24°	2652	1060	≤16	4100	45
5 CCT Dial Switch	2x10W	36V	500mA	2700K	40°	2652	1140	≤19	2320	68
5 CCT Dial Switch	2x10W	36V	500mA	2700K	60°	2652	1180	≤19	1460	108
5 CCT Dial Switch	2x10W	36V	500mA	3000K	24°	2790	1200	≤16	4800	45
5 CCT Dial Switch	2x10W	36V	500mA	3000K	40°	2790	1180	≤19	2400	68
5 CCT Dial Switch	2x10W	36V	500mA	3000K	60°	2790	1280	≤19	1440	108
5 CCT Dial Switch	2x10W	36V	500mA	3500K	24°	3458	1320	≤16	5140	45
5 CCT Dial Switch	2x10W	36V	500mA	3500K	40°	3458	1300	≤19	2600	68
5 CCT Dial Switch	2x10W	36V	500mA	3500K	60°	3458	1380	≤19	1540	108
5 CCT Dial Switch	2x10W	36V	500mA	4000K	24°	3458	1340	≤16	4800	45
5 CCT Dial Switch	2x10W	36V	500mA	4000K	40°	3458	1440	≤19	2800	68
5 CCT Dial Switch	2x10W	36V	500mA	4000K	60°	3458	1460	≤19	1700	108

5 CCT Dial Switch	2x10W	36V	500mA	5000K	24°	3290	1440	≤16	5600	45
5 CCT Dial Switch	2x10W	36V	500mA	5000K	40°	3290	1440	≤19	2900	68
5 CCT Dial Switch	2x10W	36V	500mA	5000K	60°	3290	1500	≤19	1700	108
5 CCT Dial Switch	2x12W	36V	600mA	2700K	24°	3182	1180	≤16	4400	45
5 CCT Dial Switch	2x12W	36V	600mA	2700K	40°	3182	1270	≤19	2600	68
5 CCT Dial Switch	2x12W	36V	600mA	2700K	60°	3182	1320	≤19	1620	108
5 CCT Dial Switch	2x12W	36V	600mA	3000K	24°	3350	1420	≤16	5600	45
5 CCT Dial Switch	2x12W	36V	600mA	3000K	40°	3350	1370	≤19	2800	68
5 CCT Dial Switch	2x12W	36V	600mA	3000K	60°	3350	1440	≤19	1660	108
5 CCT Dial Switch	2x12W	36V	600mA	3500K	24°	4150	1540	≤16	6000	45
5 CCT Dial Switch	2x12W	36V	600mA	3500K	40°	4150	1540	≤19	3100	68
5 CCT Dial Switch	2x12W	36V	600mA	3500K	60°	4150	1610	≤19	1800	108
5 CCT Dial Switch	2x12W	36V	600mA	4000K	24°	4150	1510	≤16	5000	45
5 CCT Dial Switch	2x12W	36V	600mA	4000K	40°	4150	1630	≤19	3080	68
5 CCT Dial Switch	2x12W	36V	600mA	4000K	60°	4150	1660	≤19	2000	108
5 CCT Dial Switch	2x12W	36V	600mA	5000K	24°	3950	1710	≤16	6600	45
5 CCT Dial Switch	2x12W	36V	600mA	5000K	40°	3950	1710	≤19	3400	68
5 CCT Dial Switch	2x12W	36V	600mA	5000K	60°	3950	1750	≤19	1980	108

Note:

1. The above parameters are tested based on the light source with Color Rendering Index Ra90 and 3000K.
2. The input voltage and input current belong to the light source.
3. The brand of the light source is CREE or LEDTEEN.
4. The power supply brand used is either EAGLERISE.
5. Installing a honeycomb will reduce luminous efficacy, lower UGR and narrow the beam angle.
6. Luminous flux permits a ±10% tolerance.
7. Center Beam Candlepower (CBCP) at 1m = Maximum Value.
8. The above parameters are typical values.

Light Distribution

Note:

1. Central light intensity value =1 meter maximum luminous intensity value;
 1. N meter maximum luminous intensity value = Central light intensity value/N²;
- For example:2 meter maximum luminous intensity value = Central light intensity value/2²;

Packing

Size (mm/box)	Quantity /box	QTY/CTN	NW (kg/box)	N. WT (ctn)	G.WT (ctn)	Size (cm/carton)
L210*W174*H55mm	1	30	0.53	15.9	19.5	L650*W370*H295mm

Attentions

- 1、 Non-professionals are prohibited from installing, disassembling and repairing the product.
- 2、 Avoid scratching, distortion and irregular bending of the product during installation; otherwise it may cause irreparable damage to the product.
- 3、 Please use professional cutting tools when cutting
- 4、 Do not use any acid or alkaline adhesive to fix products
- 5、 The product can not be used in outdoor or seaside environment.