

QUEEN Recessed

QE90L2R1



QE90L2R1

Basic Parameters

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

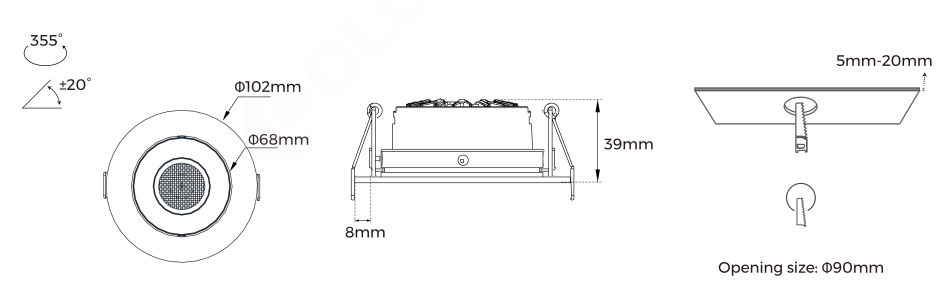
Electrical Parameters

Typ.power	6W,10W,12W
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	6W	36V	150mA	2700K	24°	805	495	≤16	2000	45
Normal	6W	36V	150mA	2700K	40°	805	520	≤19	1020	68
Normal	6W	36V	150mA	2700K	60°	805	535	≤19	640	108
Normal	6W	36V	150mA	3000K	24°	835	520	≤16	2100	45
Normal	6W	36V	150mA	3000K	40°	835	545	≤19	1080	68
Normal	6W	36V	150mA	3000K	60°	835	565	≤19	670	108
Normal	6W	36V	150mA	3500K	24°	847	540	≤16	2150	45
Normal	6W	36V	150mA	3500K	40°	847	565	≤19	1120	68
Normal	6W	36V	150mA	3500K	60°	847	585	≤19	690	108
Normal	6W	36V	150mA	4000K	24°	850	550	≤16	2200	45
Normal	6W	36V	150mA	4000K	40°	850	575	≤19	1140	68
Normal	6W	36V	150mA	4000K	60°	850	595	≤19	700	108
Normal	10W	36V	250mA	2700K	24°	1341	740	≤16	3040	45
Normal	10W	36V	250mA	2700K	40°	1341	780	≤19	1600	68
Normal	10W	36V	250mA	2700K	60°	1341	810	≤19	980	108
Normal	10W	36V	250mA	3000K	24°	1391	780	≤16	3200	45
Normal	10W	36V	250mA	3000K	40°	1391	820	≤19	1680	68
Normal	10W	36V	250mA	3000K	60°	1391	850	≤19	1030	108
Normal	10W	36V	250mA	3500K	24°	1412	805	≤16	3300	45
Normal	10W	36V	250mA	3500K	40°	1412	845	≤19	1730	68
Normal	10W	36V	250mA	3500K	60°	1412	880	≤19	1060	108
Normal	10W	36V	250mA	4000K	24°	1418	820	≤16	3370	45
Normal	10W	36V	250mA	4000K	40°	1418	865	≤19	1770	68

Normal	10W	36V	250mA	4000K	60°	1418	895	≤19	1080	108
Normal	12W	36V	300mA	2700K	24°	1610	840	≤16	3340	45
Normal	12W	36V	300mA	2700K	40°	1610	890	≤19	1760	68
Normal	12W	36V	300mA	2700K	60°	1610	925	≤19	1200	108
Normal	12W	36V	300mA	3000K	24°	1670	890	≤16	3500	45
Normal	12W	36V	300mA	3000K	40°	1670	935	≤19	1900	68
Normal	12W	36V	300mA	3000K	60°	1670	970	≤19	1300	108
Normal	12W	36V	300mA	3500K	24°	1695	925	≤16	3600	45
Normal	12W	36V	300mA	3500K	40°	1695	970	≤19	1900	68
Normal	12W	36V	300mA	3500K	60°	1695	1010	≤19	1300	108
Normal	12W	36V	300mA	4000K	24°	1701	935	≤16	3700	45
Normal	12W	36V	300mA	4000K	40°	1701	995	≤19	1900	68
Normal	12W	36V	300mA	4000K	60°	1701	1030	≤19	1300	108
5 CCT Dial Switch	6W	36V	150mA	2700K	24°	795	365	≤16	1350	45
5 CCT Dial Switch	6W	36V	150mA	2700K	40°	795	390	≤19	770	68
5 CCT Dial Switch	6W	36V	150mA	2700K	60°	795	410	≤19	490	108
5 CCT Dial Switch	6W	36V	150mA	3000K	24°	837	390	≤16	1500	45
5 CCT Dial Switch	6W	36V	150mA	3000K	40°	837	390	≤19	770	68
5 CCT Dial Switch	6W	36V	150mA	3000K	60°	837	400	≤19	450	108
5 CCT Dial Switch	6W	36V	150mA	3500K	24°	1037	410	≤16	1600	45
5 CCT Dial Switch	6W	36V	150mA	3500K	40°	1037	405	≤19	820	68
5 CCT Dial Switch	6W	36V	150mA	3500K	60°	1037	420	≤19	480	108
5 CCT Dial Switch	6W	36V	150mA	4000K	24°	1037	445	≤16	1550	45
5 CCT Dial Switch	6W	36V	150mA	4000K	40°	1037	465	≤19	900	68
5 CCT Dial Switch	6W	36V	150mA	4000K	60°	1037	495	≤19	550	108
5 CCT Dial Switch	6W	36V	150mA	5000K	24°	987	440	≤16	1750	45
5 CCT Dial Switch	6W	36V	150mA	5000K	40°	987	425	≤19	900	68
5 CCT Dial Switch	6W	36V	150mA	5000K	60°	987	455	≤19	520	108
5 CCT Dial Switch	10W	36V	250mA	2700K	24°	1326	530	≤16	2050	45
5 CCT Dial Switch	10W	36V	250mA	2700K	40°	1326	570	≤19	1160	68
5 CCT Dial Switch	10W	36V	250mA	2700K	60°	1326	590	≤19	730	108
5 CCT Dial Switch	10W	36V	250mA	3000K	24°	1395	600	≤16	2400	45
5 CCT Dial Switch	10W	36V	250mA	3000K	40°	1395	590	≤19	1200	68
5 CCT Dial Switch	10W	36V	250mA	3000K	60°	1395	640	≤19	720	108
5 CCT Dial Switch	10W	36V	250mA	3500K	24°	1729	660	≤16	2570	45
5 CCT Dial Switch	10W	36V	250mA	3500K	40°	1729	650	≤19	1300	68
5 CCT Dial Switch	10W	36V	250mA	3500K	60°	1729	690	≤19	770	108
5 CCT Dial Switch	10W	36V	250mA	4000K	24°	1729	670	≤16	2400	45
5 CCT Dial Switch	10W	36V	250mA	4000K	40°	1729	720	≤19	1400	68
5 CCT Dial Switch	10W	36V	250mA	4000K	60°	1729	730	≤19	850	108

5 CCT Dial Switch	10W	36V	250mA	5000K	24°	1645	720	≤16	2800	45
5 CCT Dial Switch	10W	36V	250mA	5000K	40°	1645	720	≤19	1450	68
5 CCT Dial Switch	10W	36V	250mA	5000K	60°	1645	750	≤19	850	108
5 CCT Dial Switch	12W	36V	300mA	2700K	24°	1591	590	≤16	2200	45
5 CCT Dial Switch	12W	36V	300mA	2700K	40°	1591	635	≤19	1300	68
5 CCT Dial Switch	12W	36V	300mA	2700K	60°	1591	660	≤19	810	108
5 CCT Dial Switch	12W	36V	300mA	3000K	24°	1675	710	≤16	2800	45
5 CCT Dial Switch	12W	36V	300mA	3000K	40°	1675	685	≤19	1400	68
5 CCT Dial Switch	12W	36V	300mA	3000K	60°	1675	720	≤19	830	108
5 CCT Dial Switch	12W	36V	300mA	3500K	24°	2075	770	≤16	3000	45
5 CCT Dial Switch	12W	36V	300mA	3500K	40°	2075	770	≤19	1550	68
5 CCT Dial Switch	12W	36V	300mA	3500K	60°	2075	805	≤19	900	108
5 CCT Dial Switch	12W	36V	300mA	4000K	24°	2075	755	≤16	2500	45
5 CCT Dial Switch	12W	36V	300mA	4000K	40°	2075	815	≤19	1540	68
5 CCT Dial Switch	12W	36V	300mA	4000K	60°	2075	830	≤19	1000	108
5 CCT Dial Switch	12W	36V	300mA	5000K	24°	1975	855	≤16	3300	45
5 CCT Dial Switch	12W	36V	300mA	5000K	40°	1975	855	≤19	1700	68
5 CCT Dial Switch	12W	36V	300mA	5000K	60°	1975	875	≤19	990	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)
L174*W166*H55mm	1	40	0.28	11.2	15.5	L685*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.