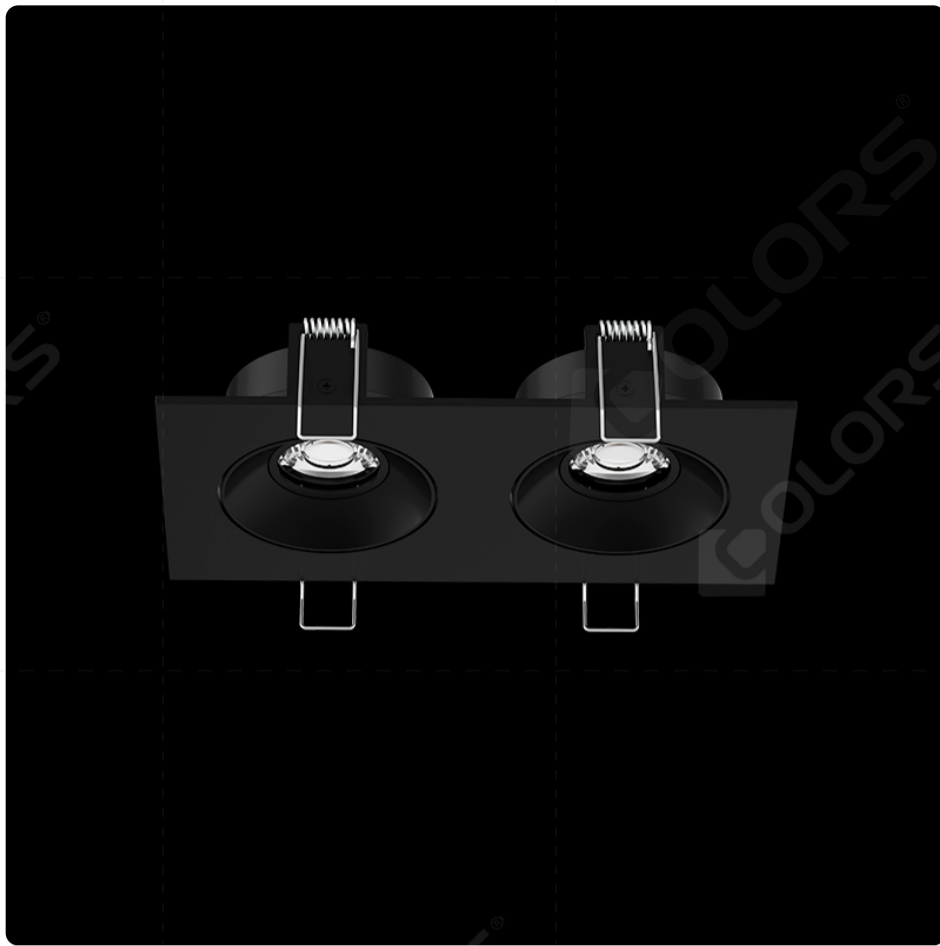


QUEEN Recessed

QE90L2S2



QE90L2S2

Basic Parameters

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

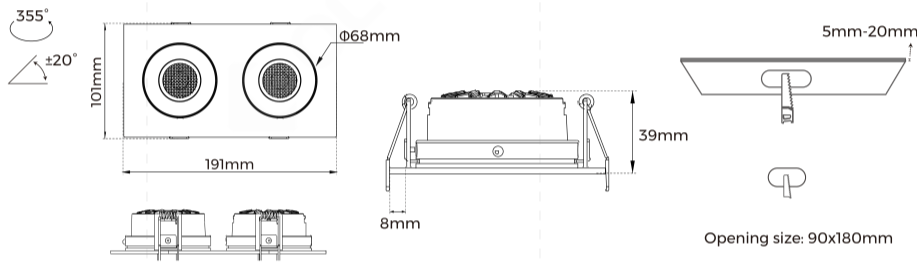
Electrical Parameters

| | |
|-----------|---|
| 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°C) |
| 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 | 300mA | 2700K | 24° | 2682 | 1480 | ≤16 | 6080 | 45 |
| Normal | 2x10W | 36V | 300mA | 2700K | 40° | 2682 | 1560 | ≤19 | 3200 | 68 |
| Normal | 2x10W | 36V | 300mA | 2700K | 60° | 2682 | 1620 | ≤19 | 1960 | 108 |
| Normal | 2x10W | 36V | 300mA | 3000K | 24° | 2782 | 1560 | ≤16 | 6400 | 45 |
| Normal | 2x10W | 36V | 300mA | 3000K | 40° | 2782 | 1640 | ≤19 | 3360 | 68 |
| Normal | 2x10W | 36V | 300mA | 3000K | 60° | 2782 | 1700 | ≤19 | 2060 | 108 |
| Normal | 2x10W | 36V | 300mA | 3500K | 24° | 2824 | 1610 | ≤16 | 6600 | 45 |
| Normal | 2x10W | 36V | 300mA | 3500K | 40° | 2824 | 1690 | ≤19 | 3460 | 68 |
| Normal | 2x10W | 36V | 300mA | 3500K | 60° | 2824 | 1760 | ≤19 | 2120 | 108 |
| Normal | 2x10W | 36V | 300mA | 4000K | 24° | 2836 | 1640 | ≤16 | 6740 | 45 |
| Normal | 2x10W | 36V | 300mA | 4000K | 40° | 2836 | 1730 | ≤19 | 3540 | 68 |

| | | | | | | | | | | |
|-------------------|-------|-----|-------|-------|-----|------|------|-----|------|-----|
| Normal | 2x10W | 36V | 300mA | 4000K | 60° | 2836 | 1790 | ≤19 | 2160 | 108 |
| Normal | 2x12W | 36V | 300mA | 2700K | 24° | 3220 | 1680 | ≤16 | 6680 | 45 |
| Normal | 2x12W | 36V | 300mA | 2700K | 40° | 3220 | 1780 | ≤19 | 3520 | 68 |
| Normal | 2x12W | 36V | 300mA | 2700K | 60° | 3220 | 1850 | ≤19 | 2400 | 108 |
| Normal | 2x12W | 36V | 300mA | 3000K | 24° | 3340 | 1780 | ≤16 | 7000 | 45 |
| Normal | 2x12W | 36V | 300mA | 3000K | 40° | 3340 | 1870 | ≤19 | 3800 | 68 |
| Normal | 2x12W | 36V | 300mA | 3000K | 60° | 3340 | 1940 | ≤19 | 2600 | 108 |
| Normal | 2x12W | 36V | 300mA | 3500K | 24° | 3390 | 1850 | ≤16 | 7200 | 45 |
| Normal | 2x12W | 36V | 300mA | 3500K | 40° | 3390 | 1940 | ≤19 | 3800 | 68 |
| Normal | 2x12W | 36V | 300mA | 3500K | 60° | 3390 | 2020 | ≤19 | 2600 | 108 |
| Normal | 2x12W | 36V | 300mA | 4000K | 24° | 3402 | 1870 | ≤16 | 7400 | 45 |
| Normal | 2x12W | 36V | 300mA | 4000K | 40° | 3402 | 1990 | ≤19 | 3800 | 68 |
| Normal | 2x12W | 36V | 300mA | 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 | 300mA | 2700K | 24° | 2652 | 1060 | ≤16 | 4100 | 45 |
| 5 CCT Dial Switch | 2x10W | 36V | 300mA | 2700K | 40° | 2652 | 1140 | ≤19 | 2320 | 68 |
| 5 CCT Dial Switch | 2x10W | 36V | 300mA | 2700K | 60° | 2652 | 1180 | ≤19 | 1460 | 108 |
| 5 CCT Dial Switch | 2x10W | 36V | 300mA | 3000K | 24° | 2790 | 1200 | ≤16 | 4800 | 45 |
| 5 CCT Dial Switch | 2x10W | 36V | 300mA | 3000K | 40° | 2790 | 1180 | ≤19 | 2400 | 68 |
| 5 CCT Dial Switch | 2x10W | 36V | 300mA | 3000K | 60° | 2790 | 1280 | ≤19 | 1440 | 108 |
| 5 CCT Dial Switch | 2x10W | 36V | 300mA | 3500K | 24° | 3458 | 1320 | ≤16 | 5140 | 45 |
| 5 CCT Dial Switch | 2x10W | 36V | 300mA | 3500K | 40° | 3458 | 1300 | ≤19 | 2600 | 68 |
| 5 CCT Dial Switch | 2x10W | 36V | 300mA | 3500K | 60° | 3458 | 1380 | ≤19 | 1540 | 108 |
| 5 CCT Dial Switch | 2x10W | 36V | 300mA | 4000K | 24° | 3458 | 1340 | ≤16 | 4800 | 45 |
| 5 CCT Dial Switch | 2x10W | 36V | 300mA | 4000K | 40° | 3458 | 1440 | ≤19 | 2800 | 68 |
| 5 CCT Dial Switch | 2x10W | 36V | 300mA | 4000K | 60° | 3458 | 1460 | ≤19 | 1700 | 108 |

| | | | | | | | | | | |
|-------------------|-------|-----|-------|-------|-----|------|------|-----|------|-----|
| 5 CCT Dial Switch | 2x10W | 36V | 300mA | 5000K | 24° | 3290 | 1440 | ≤16 | 5600 | 45 |
| 5 CCT Dial Switch | 2x10W | 36V | 300mA | 5000K | 40° | 3290 | 1440 | ≤19 | 2900 | 68 |
| 5 CCT Dial Switch | 2x10W | 36V | 300mA | 5000K | 60° | 3290 | 1500 | ≤19 | 1700 | 108 |
| 5 CCT Dial Switch | 2x12W | 36V | 300mA | 2700K | 24° | 3182 | 1180 | ≤16 | 4400 | 45 |
| 5 CCT Dial Switch | 2x12W | 36V | 300mA | 2700K | 40° | 3182 | 1270 | ≤19 | 2600 | 68 |
| 5 CCT Dial Switch | 2x12W | 36V | 300mA | 2700K | 60° | 3182 | 1320 | ≤19 | 1620 | 108 |
| 5 CCT Dial Switch | 2x12W | 36V | 300mA | 3000K | 24° | 3350 | 1420 | ≤16 | 5600 | 45 |
| 5 CCT Dial Switch | 2x12W | 36V | 300mA | 3000K | 40° | 3350 | 1370 | ≤19 | 2800 | 68 |
| 5 CCT Dial Switch | 2x12W | 36V | 300mA | 3000K | 60° | 3350 | 1440 | ≤19 | 1660 | 108 |
| 5 CCT Dial Switch | 2x12W | 36V | 300mA | 3500K | 24° | 4150 | 1540 | ≤16 | 6000 | 45 |
| 5 CCT Dial Switch | 2x12W | 36V | 300mA | 3500K | 40° | 4150 | 1540 | ≤19 | 3100 | 68 |
| 5 CCT Dial Switch | 2x12W | 36V | 300mA | 3500K | 60° | 4150 | 1610 | ≤19 | 1800 | 108 |
| 5 CCT Dial Switch | 2x12W | 36V | 300mA | 4000K | 24° | 4150 | 1510 | ≤16 | 5000 | 45 |
| 5 CCT Dial Switch | 2x12W | 36V | 300mA | 4000K | 40° | 4150 | 1630 | ≤19 | 3080 | 68 |
| 5 CCT Dial Switch | 2x12W | 36V | 300mA | 4000K | 60° | 4150 | 1660 | ≤19 | 2000 | 108 |
| 5 CCT Dial Switch | 2x12W | 36V | 300mA | 5000K | 24° | 3950 | 1710 | ≤16 | 6600 | 45 |
| 5 CCT Dial Switch | 2x12W | 36V | 300mA | 5000K | 40° | 3950 | 1710 | ≤19 | 3400 | 68 |
| 5 CCT Dial Switch | 2x12W | 36V | 300mA | 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 | 0.55 | 16.5 | 20 | 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.