

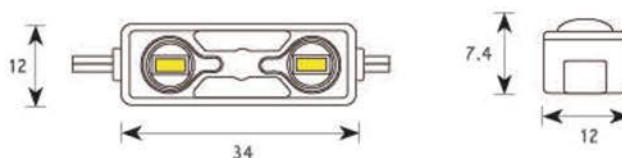
MINI LED MODULE GOQ 2xLED

5630SMD 3000K 0.72W

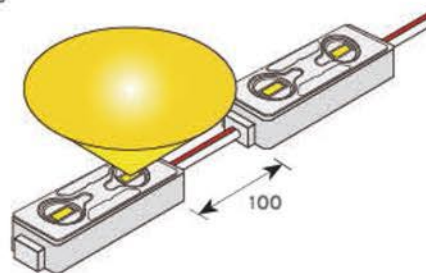


0.72W

IP68



Viewing Angle
150°



unit : mm

PARAMETERS

| | | | |
|---------------------|--------------------------------------|-----------------|----------------------|
| Product No.: | GOQ MINI LED (3000K) | Module Pitch: | 100 mm |
| LED Dimension: | 5630 type (5.6 x 3.0 x 0.8mm) | Size: | 34 x 11.6 x 7.4 mm |
| Power Consumption: | 0.72 Watt | Weight: | 3.8 g |
| Input Voltage: | 12 V DC | Max. in Series: | 50 EA |
| Input Current: | 60 mA | Operating Temp: | - 30 ~ 85 °C |
| View Angle: | 150° | Storage Temp: | - 40 ~ 100 °C |
| Luminous Intensity: | 70 lm (Typ.) | Waterproof: | IP 68 |
| CRI: | 80 | Cable: | UL, 20AWG 300V/80 °C |



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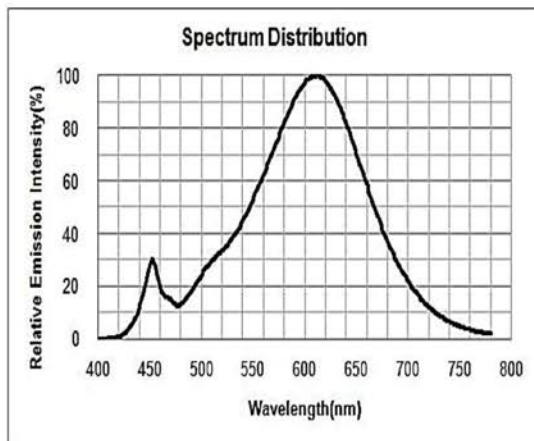
Absolute Maximum Ratings

| Item | Symbol | Rating | Condition |
|------------------------------|-------------------|----------------|----------------------------|
| Operating temperature range | T _{op} | -40°C ~ +85°C | - |
| Storage temperature range | T _{stg} | -40°C ~ +120°C | - |
| LED junction temperature | T _j | 110°C | - |
| Forward Current | I _F | 150 mA | - |
| Peak Pulsed Forward Current | I _{FP} | 300 mA | Duty 1/10 pulse width 10ms |
| Thermal resistance | R _{θj-s} | 16°C/W | Junction to solder point |
| Assembly Process Temperature | - | 260°C, < 10sec | - |
| ESD | - | 5KV | HBM |

Characteristics

| Item | Unit | Nominal CCT | Product Code | Rank | Min | Typ | Max |
|--|------|-------------|--------------|------|------|-----|------|
| Forward Voltage ⁽¹⁾ (V _F) (@85 mA, T _s = 25°C) | V | - | - | AZ | 2.70 | - | 2.80 |
| | | | | A1 | 2.80 | - | 2.90 |
| | | | | A2 | 2.90 | - | 3.00 |
| | | | | A3 | 3.00 | - | 3.10 |
| | | | | A4 | 3.10 | - | 3.20 |
| Luminous Intensity ⁽²⁾ (I _v) (@85 mA, T _s = 25°C) | lm | 3000K | *WAV☆SB | S2 | 26.5 | - | 28.5 |
| | | | | S3 | 28.5 | - | 30.5 |
| | | | | S3 | 28.5 | - | 30.5 |
| | | | | S4 | 30.5 | - | 32.5 |
| | | | | S4 | 30.5 | - | 32.5 |
| Reverse Voltage (@5 mA, T _s = 25°C) | V | - | - | - | 0.7 | - | 1.2 |
| | | | | - | 0.7 | - | 1.2 |

Spectrum (Ts=25°C)



Radiation Characteristics

