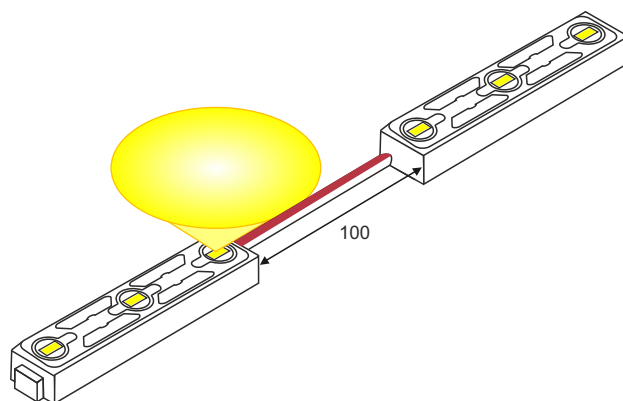
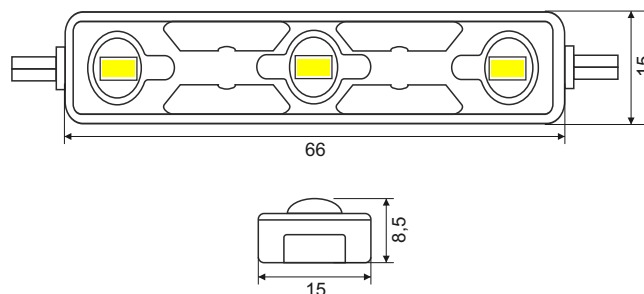


LED MODULE GOQ 3xLED

5630 SMD 1.08 W 11000K 150°

1.08W IP68



TECHNICAL DATA DANE TECHNICZNE / TECHNISCHE DATEN

| | |
|--|-------------------------|
| Product No.: | GOQ 3 LED (WHITE) |
| LED Dimension: Wymiary diody / Diodenabmessungen | 5630 type (5.6 x 3.0mm) |
| Rated Power: Moc znamionowa / Nennleistung | 1.08 W |
| Input Voltage: Napięcie zasilania / Spannungsversorgung | 12 V DC |
| Input Current: Prąd wejściowy / Eingangsstrom | 90 mA |
| View Angle: Kąt świecenia / Abstrahlwinkel | 150° |
| Luminous Intensity: Strumień świetlny / Lichtstrom | 120 lm (typ.) |
| CRI: | 80 |

| | |
|--|----------------------|
| Module Pitch: Podział modułu / Modulplatz | 100 mm |
| Size: Wymiar / Größe | 66 x 15 x 8.5mm |
| Weight: Waga / Gewicht | 8 g |
| Max. in Series: Max. w szeregu / Maximale in Serie | 50 EA |
| Operating Temperature: Temperatura pracy / Arbeitstemperatur | -30 ~ 85° C |
| Storage Temperature: Temperatura przechowywania / Lagertemperatur | -40 ~ 100° C |
| IP | 68 |
| Cable: Przewód / Kabel | UL, 20AWG 300V/80° C |



LED MODULE GOQ 3xLED

5630 SMD 1.08 W 11000K 150°

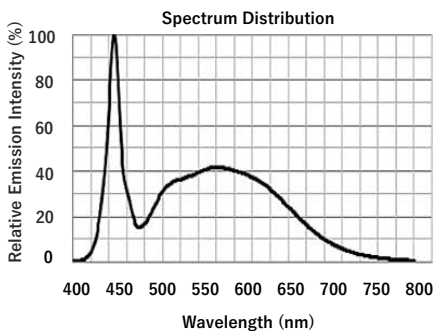
Absolute Maximum Ratings

| Item | Symbol | Rating | Condition |
|------------------------------|--------------|---------------|-------------------------------|
| Operating temperature range | T_{op} | -40 ~ 85° C | - |
| Storage temperature range | T_{stg} | -40 ~ 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 10 ms |
| Thermal resistance | $R_{th j-s}$ | 16° C / W | Junction to solder point |
| Assembly Process Temperature | - | 260° < 10 sec | - |
| ESD | - | 5kV | HBM |

Characteristics

| Item | Unit | Nominal CCT | Product Code | Rank | Min | Typ | Max |
|---|------|-------------|--------------|------|------|-----|------|
| Forward Voltage ¹⁾ (V_F) (@65 mA, $T_s = 25^\circ C$) | 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) (@65 mA, $T_s = 25^\circ C$) | lm | 10000K | *WAAUS0 | S0 | 24,0 | - | 31,5 |
| Reverse Voltage (@5 mA, $T_s = 25^\circ C$) | V | - | - | - | 0,7 | - | 1,2 |

Spectrum ($T_s=25^\circ C$)



Radiation Characteristic

