

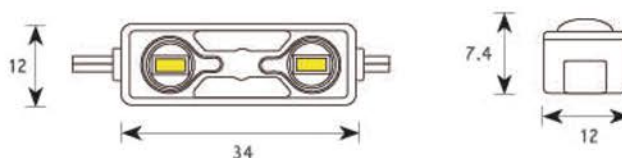
# MINI LED MODULE GOQ 2xLED

5630SMD 6500K 0.72W

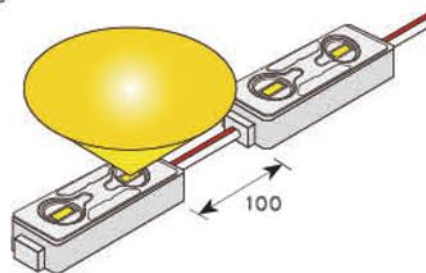


0.72W

IP68



Viewing Angle  
150°



unit : mm

## PARAMETERS

Product No.:	GOQ MINI LED (6500K)	Module Pitch:	100 mm
LED Dimension:	<b>5630 type (5.6 x 3.0 x 0.8mm)</b>	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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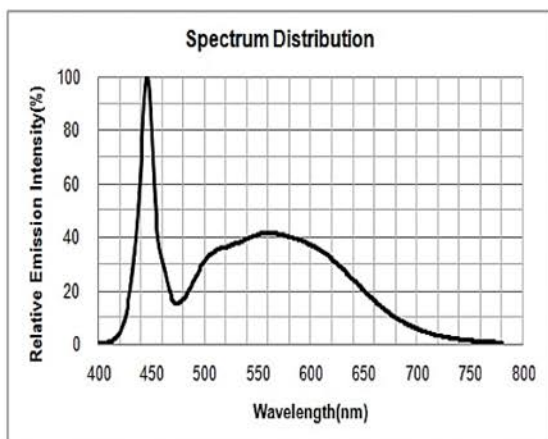
### Absolute Maximum Ratings

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	$R_{\theta, j-s}$	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 <sup>1)</sup> ( $V_f$ ) (@85 mA, $T_s = 25^\circ\text{C}$ )	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 <sup>2)</sup> ( $I_v$ ) (@85 mA, $T_s = 25^\circ\text{C}$ )	lm	6500K (P★)	*WAP★S1	S1	26.0	-	28.0
			*WAP★S2	S2	28.0	-	30.0
			*WAP★S3	S3	30.0	-	32.0
Reverse Voltage (@5 mA, $T_s = 25^\circ\text{C}$ )	V	-	-	-	0.7	-	1.2

### Spectrum ( $T_s=25^\circ\text{C}$ )



### Radiation Characteristics

