

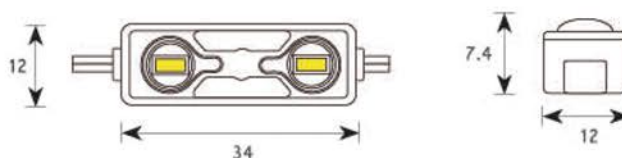
MINI LED MODULE GOQ 2xLED

5252SMD 0.48W RED

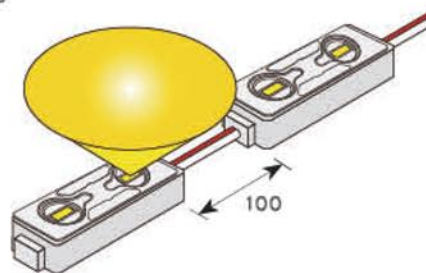


0.48W

IP68



Viewing Angle
150°



unit : mm

PARAMETERS

Product No.:	GOQ MINI LED (RED)	Module Pitch:	100 mm
LED Dimension:	5252 type (5.2 x 5.2 x 1.8mm)	Size:	34 x 11.6 x 8.5 mm
Power Consumption:	0.48 Watt	Weight:	3.8 g
Input Voltage:	12 V DC	Max. in Series:	50 EA
Input Current:	40 mA	Operating Temp:	- 30 ~ 85 °C
View Angle:	150°	Storage Temp:	- 40 ~ 100 °C
Luminous Intensity:	6 lm (Typ.)	Waterproof:	IP 68
CRI:	80	Cable:	UL, 20AWG 300V/80 °C



MINI LED MODULE GOQ 2xLED

5630SMD 3000K 0.72W



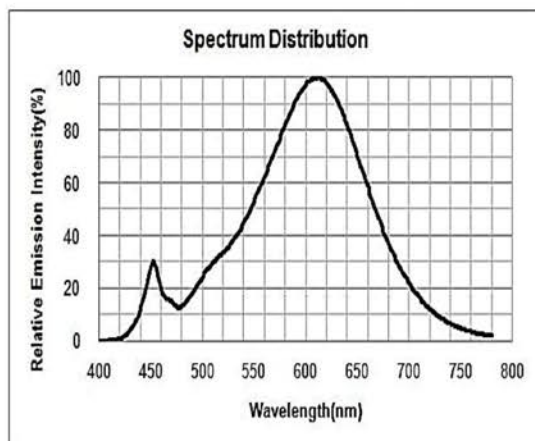
Absolute Maximum Ratings

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

