

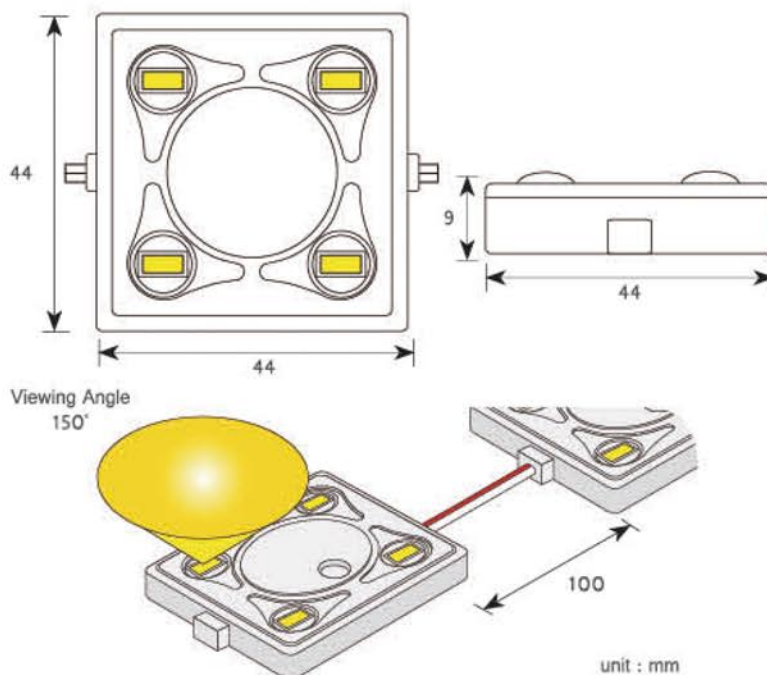
# LED MODULE GOQ 4xLED

5630SMD 2.16W 11000K 150°



2.16W

IP68



## PARAMETERS

Product No.:	GOQ 4 LED(WHITE)	Module Pitch:	100 mm
LED Dimension:	<b>5630 type</b>	Size:	44 x 44 x 9 mm
Power Consumption:	2.16 Watt	Weight:	11 g
Input Voltage:	12 V DC	Max. in Series:	50 EA
Input Current:	180 mA	Operating Temp:	- 30 ~ 85 °C
View Angle:	150°	Storage Temp:	- 40 ~ 100 °C
Luminous Intensity:	160 lm(Typ.)	Waterproof:	IP 68
CRI:	80	Cable:	UL, 20AWG 300V/80 °C



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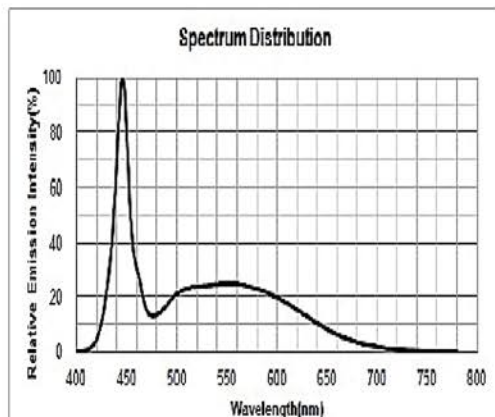
## Absolute Maximum Ratings

Item	Symbol	Rating	Condition
Operating temperature range	T <sub>op</sub>	-40°C ~ +85°C	-
Storage temperature range	T <sub>stg</sub>	-40°C ~ +120°C	-
LED junction temperature	T <sub>j</sub>	110°C	-
Forward Current	I <sub>F</sub>	150 mA	-
Peak Pulsed Forward Current	I <sub>FP</sub>	300 mA	Duty 1/10 pulse width 10ms
Thermal resistance	R <sub>th, j-s</sub>	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 <sub>F</sub> ) (@85 mA, T <sub>s</sub> = 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 <sup>2)</sup> (I <sub>v</sub> ) (@85 mA, T <sub>s</sub> = 25°C)	lm	10000K	*WAAUS0	S0	24.0	-	31.5
Reverse Voltage (@5 mA, T <sub>s</sub> = 25°C)	V	-	-	-	0.7	-	1.2

Spectrum (T<sub>s</sub>=25°C)



Viewing Radiation Characteristics

