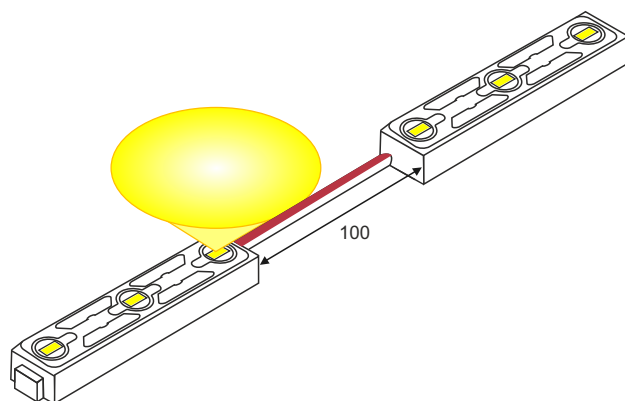
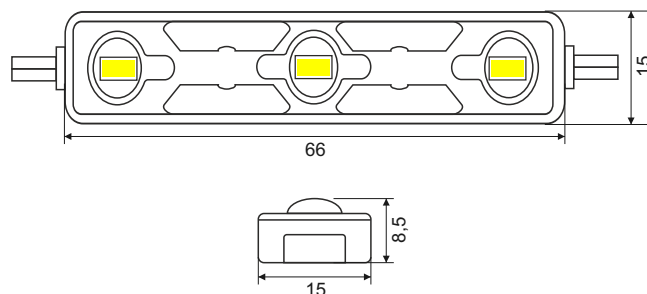


# LED MODULE GOQ 3xLED

5630 SMD 1.08W 3000K 150°

1.08W IP68



## TECHNICAL DATA DANE TECHNICZNE / TECHNISCHE DATEN

Product No.:	GOQ 3 LED (WARM WHITE)_3000K
LED Dimension: Wymiary diody / Diodenabmessungen	5630 type (5.6 x 3.0 x 0.8mm)
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



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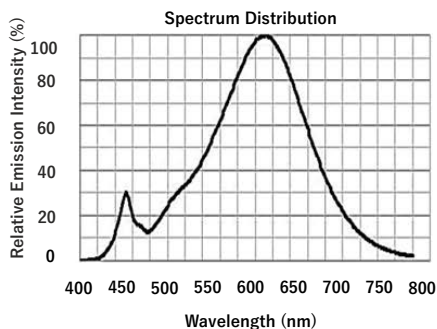
## Absolute Maximum Ratings

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 <sup>1)</sup> ( $V_F$ ) (@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 <sup>2)</sup> ( $I_v$ ) (@65 mA, $T_s = 25^\circ C$ )	lm	3000K (P ☆)	*WAV☆SB *WAV☆SC *WAV☆SD	S2	26,5	-	28,5
				S2	28,5	-	30,5
				S3	28,5	-	30,5
				S4	30,5	-	32,5
				S4	30,5	-	32,5
S5	32,5	-	34,5				
Reverse Voltage (@5 mA, $T_s = 25^\circ C$ )	V	-	-	-	0,7	-	1,2

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



## Radiation Characteristic

