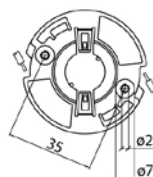
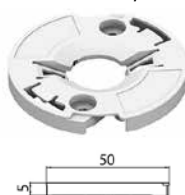


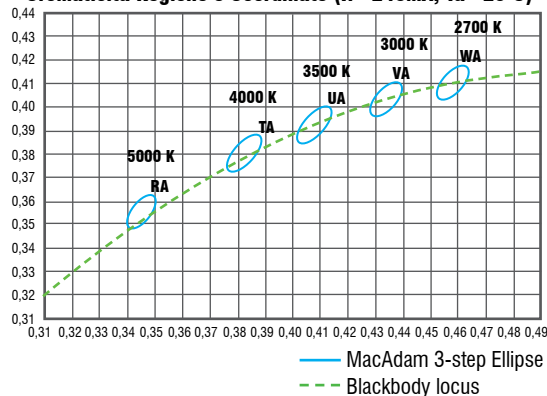
Article Articolo	Code Codice	CRI min.	CCT K	MacAdam Step	Tc 25°C Flux Typ. lm	Efficacy Typ. lm/W	Tc 85°C Flux Typ. lm	Efficacy Typ. lm/W	If typ mA	Vf typ V
LC019B	462601259	80	2700	3	2760	144	2512	137	540	35,5
	462601260		3000		2876	150	2617	142		
	462601261		4000		2992	156	2722	148		

LC019B	
<b>Absolute maximum rating</b> Valore assoluto nominale massimo	
LED junction temperature Temperatura di giunzione del LED	Tj = 150 °C
Case temperature Temperatura involucro	Tc = 105 °C
Forward current Corrente diretta	If = 980mA
<b>Electro-optical characteristics (If=540mA, Ta=25 °C)</b> Caratteristiche elettro-ottiche	
Thermal resistance (junction to chip point) Resistenza termica (giunzione per punto chip)	1,5 °C/W
Beam Angle Angolo fascio luminoso	115°
Nominal Power Potenza nominale	19,2 W
Eye protection Protezione per gli occhi	Risk 1

Holder 8203/G2



Chromaticity Region e Coordinates (If=240mA, Ta=25°C)  
Cromaticità Regione e Coordinate (If=240mA, Ta=25°C)



Product not available for the German market.  
Prodotto non disponibile per il mercato tedesco.

5.

High efficacy COB LED  
COB LED ad alta efficienza

Reference Norms

Norme di riferimento

- EN 55015
- EN 61547
- EN 62031
- EN 62471
- UL 8750

Features

- Chip on Board (COB) solution makes it easy to design in.
- Simple assembly reduces manufacturing cost.
- Low thermal resistance.
- InGaN/GaN MQW LED with long time reliability.
- Completed 6,000 hours of LM-80 testing.
- LES: Ø 12,4 mm.
- Footprint: 17 mm x 17 mm.

Applications

- Spotlight and Downlight.
- LED retrofit bulbs.
- Outdoor illumination.

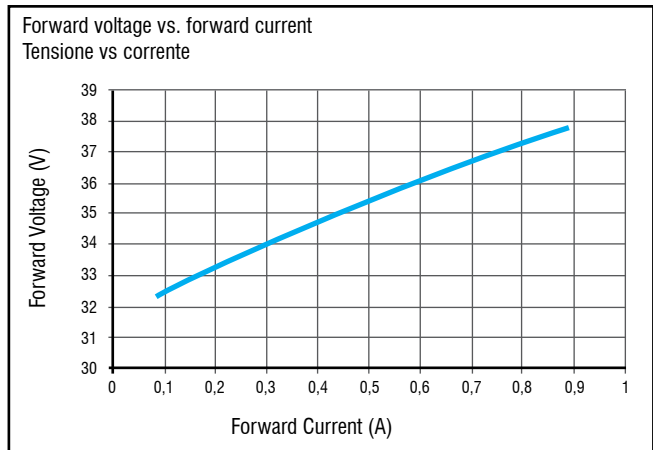
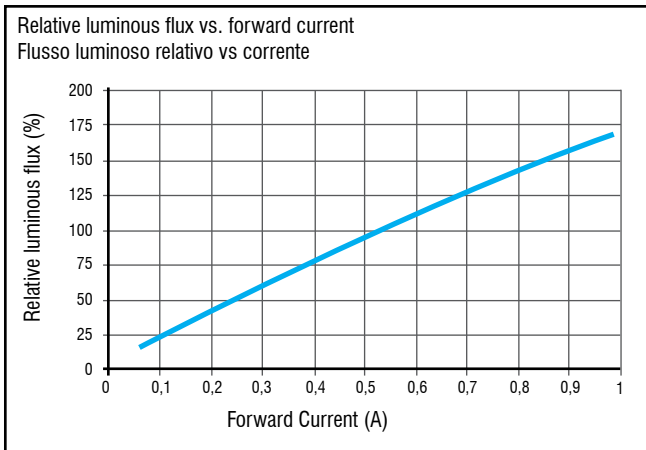
Caratteristiche

- Le soluzioni COB rendono facile la progettazione.
- Montaggio semplice che riduce i costi di produzione.
- Bassa resistenza termica.
- InGaN / GaN MQW LED con durevole affidabilità.
- Completato test di 6.000 ore, LM-80 test.
- LES: Ø 12,4 mm.
- Footprint: 17 mm x 17 mm.

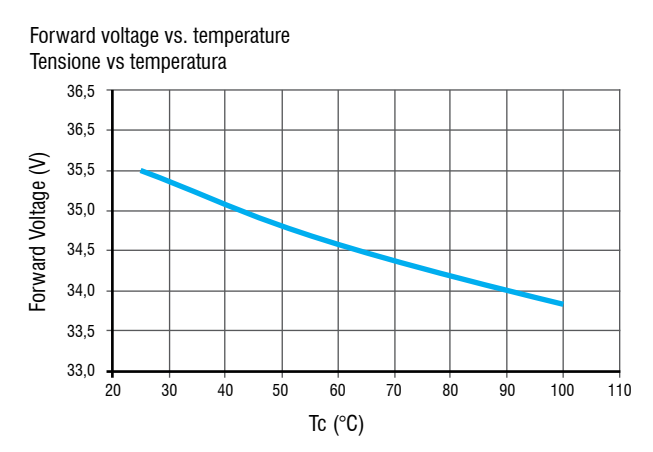
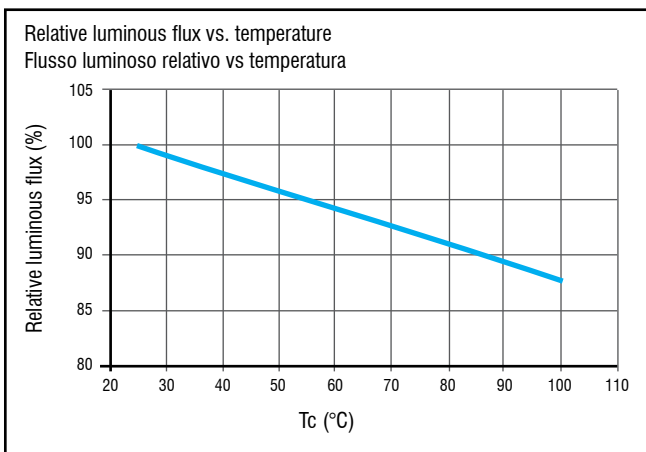
Applicazioni

- Spotlight e faretto ad incasso.
- Lampadine LED retrofit.
- Illuminazione esterna.

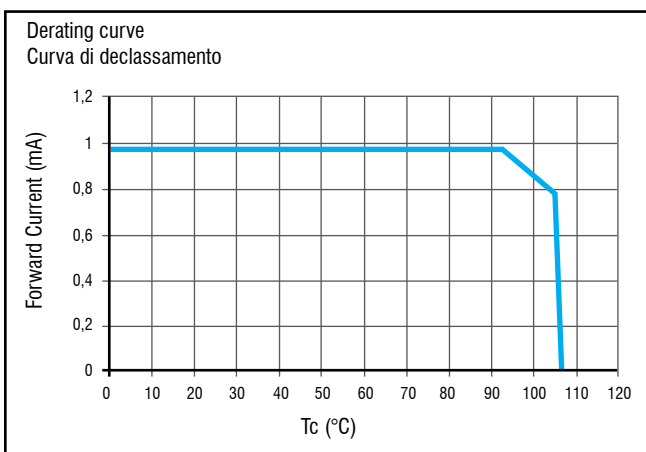
**Forward current characteristics (ta=25 °C) - Caratteristiche corrente (ta = 25 °C)**



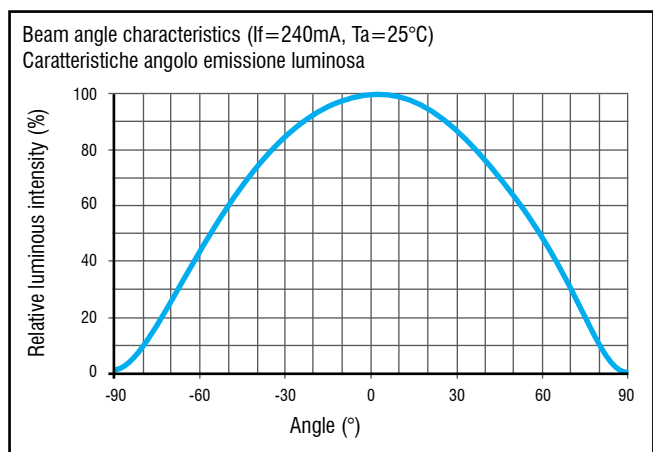
**Temperature characteristics (ta=25 °C) - Caratteristiche di temperatura (Ta = 25 °C)**



**Derating curve - Curva di declassamento**



**Beam angle characteristics (If=240mA, ta=25 °C)  
Caratteristiche angolo di emissione luminosa (If=240mA, ta=25 °C)**



**5.**  
High efficacy COB LED  
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