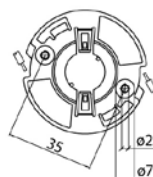
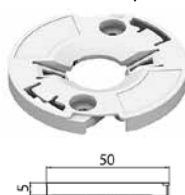


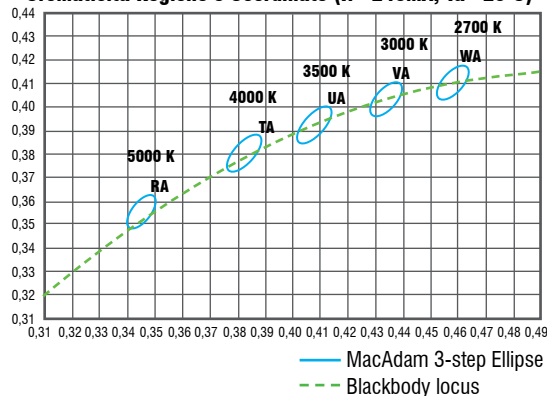
Article Articolo	Code Codice	CRI min.	CCT K	MacAdam Step	Tc 25°C Flux Typ. lm	Efficacy Typ. lm/W	Tc 85°C Flux Typ. lm	Efficacy Typ. lm/W	If typ mA	Vf typ V
LC019B	462601259	80	2700	3	2760	144	2512	137	540	35,5
	462601260		3000		2876	150	2617	142		
	462601261		4000		2992	156	2722	148		

LC019B	
Absolute maximum rating 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
Electro-optical characteristics (If=540mA, Ta=25 °C) 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.

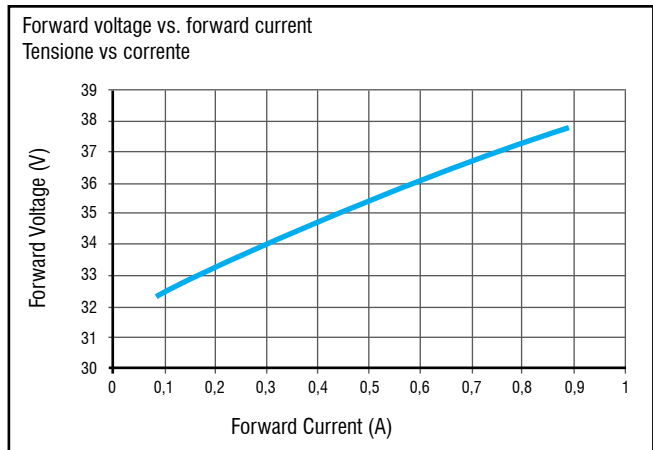
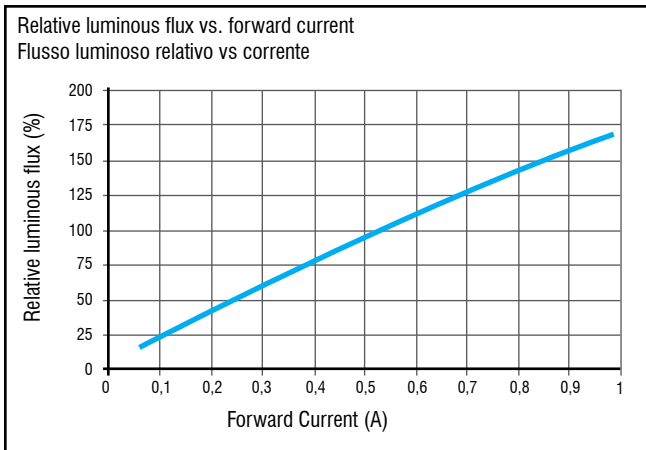
Caratteristiche

- 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.

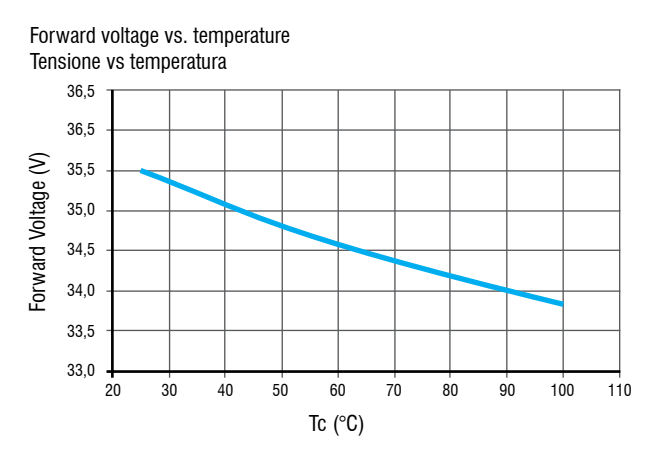
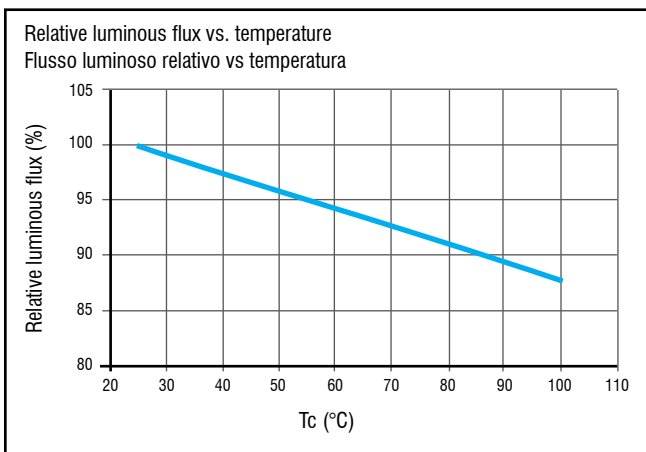
Applicazioni

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

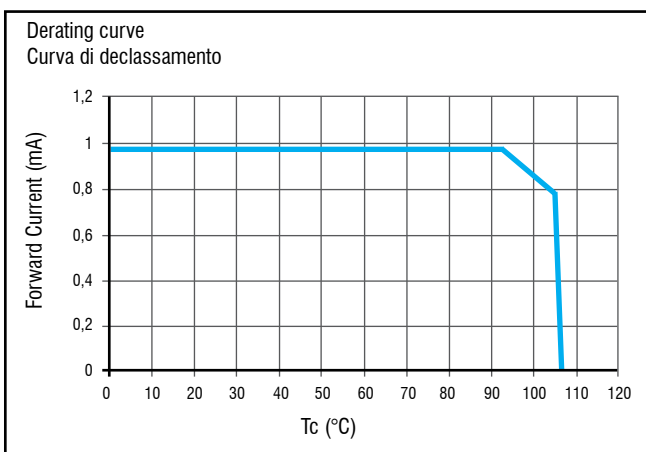
Forward current characteristics (ta=25 °C) - Caratteristiche corrente (ta = 25 °C)



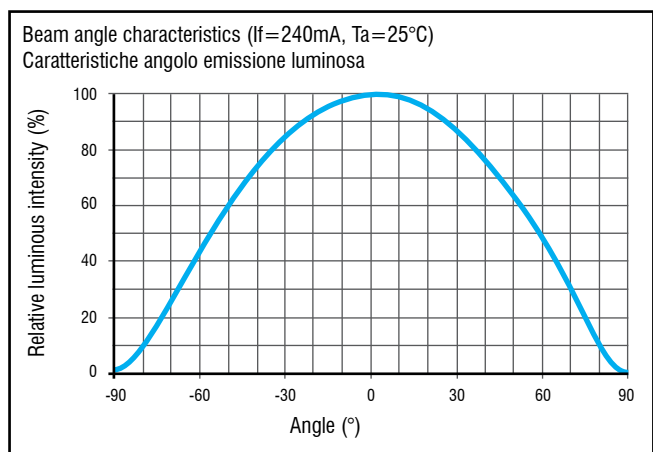
Temperature characteristics (ta=25 °C) - Caratteristiche di temperatura (Ta = 25 °C)



Derating curve - Curva di declassamento



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



5.
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COB LED ad alta efficienza