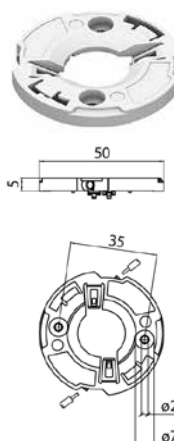


Article Articolo	Code Codice	CRI min.	CCT K	MacAdam Step	Tc 25°C Flux Typ. lm	Efficacy Typ. lm/W	Tc 85°C Flux Typ. lm	Efficacy Typ. lm/W	If typ mA	Vf typ V
LC040B	462601268	80	2700	3	5521	144	5024	137	1080	35,5
	462601269		3000		5751	150	5233	142		
	462601270		4000		5983	156	5445	148		

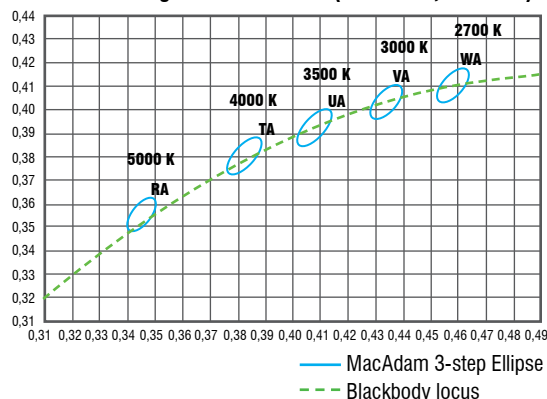
LC040B	
Absolute maximum rating Valore assoluto nominale massimo	
LED junction temperature Temperatura di giunzione del LED	Tj = 150 °C
Case temperature Temperatura involucro	Tc = 105 °C
Forward current Corrente diretta	If = 1900mA
Electro-optical characteristics (If=1080mA, Ta=25 °C) Caratteristiche elettro-ottiche	
Thermal resistance (junction to chip point) Resistenza termica (giunzione per punto chip)	0,8 °C/W
Beam Angle Angolo fascio luminoso	115°
Nominal Power Potenza nominale	38,3 W
Eye protection Protezione per gli occhi	Risk 1

Holder 8201/G2



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

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



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 17 mm.
- Footprint: 21,5 mm x 21,5 mm.

Applications

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

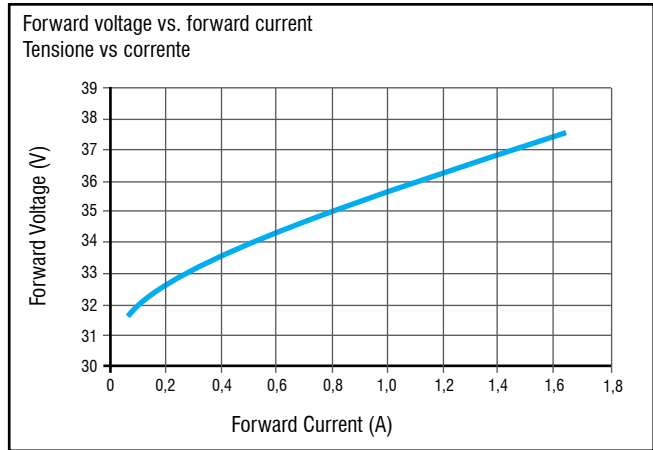
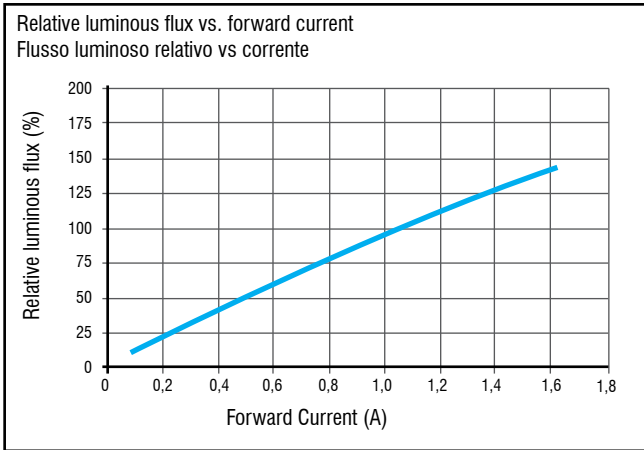
Caratteristiche

- 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 17 mm.
- Footprint: 21,5 mm x 21,5 mm.

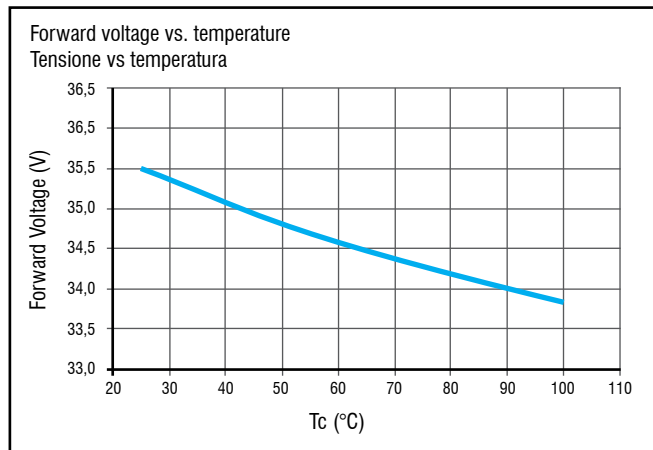
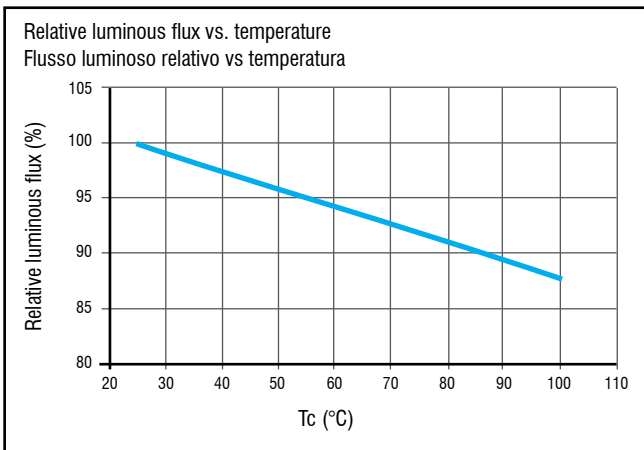
Applicazioni

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

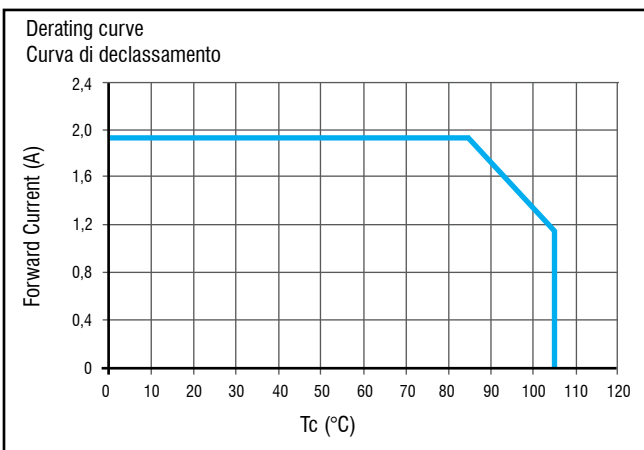
Forward current characteristics (ta=25 °C) - Caratteristiche corrente (ta = 25 ° C)



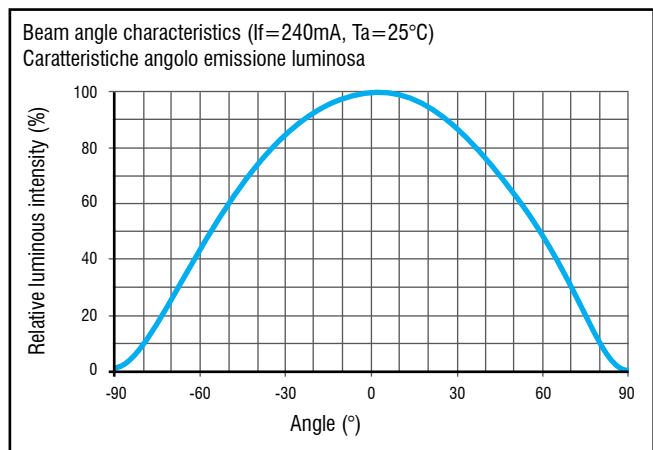
Temperature characteristics (ta=25 °C) - Caratteristiche di temperatura (Ta = 25 ° C)



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
COB LED ad alta efficienza