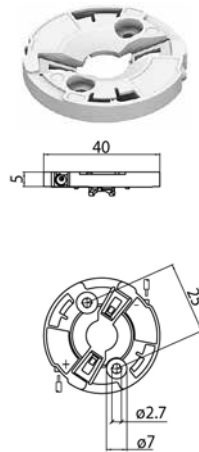


Article Articolo	Code Codice	CRI min.	CCT K	MacAdam Step	Tc 25°C Flux Typ. lm	Efficacy Typ. lm/W	Tc 85°C Flux Typ. lm	Efficacy Typ. lm/W	If typ mA	Vf typ V
LC008B	462601243	80	2700	3	1261	144	1148	137	240	36,5
	462601244		3000		1314	150	1196	142		
	462601245		4000		1367	156	1244	148		

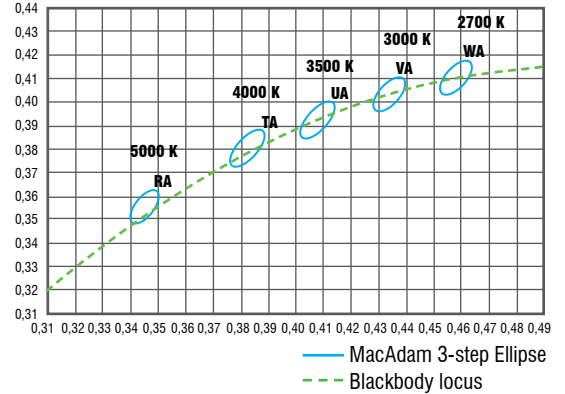
LC008B	
Absolute maximum rating Valore assoluto nominale massimo	
LED junction temperature Temperatura di giunzione del LED	Tj = 140 °C
Case temperature Temperatura involucro	Tc = 105 °C
Forward current Corrente diretta	If = 430mA
Electro-optical characteristics (If=430mA, Ta=25 °C) Caratteristiche elettro-ottiche	
Thermal resistance (junction to chip point) Resistenza termica (giunzione per punto chip)	2,4 °C/W
Beam Angle Angolo fascio luminoso	115°
Nominal Power Potenza nominale	8,6 W
Eye protection Protezione per gli occhi	Risk 1

Holder 8202/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 8 mm.
- Footprint: 13,5 mm x 13,5 mm.

Applications

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

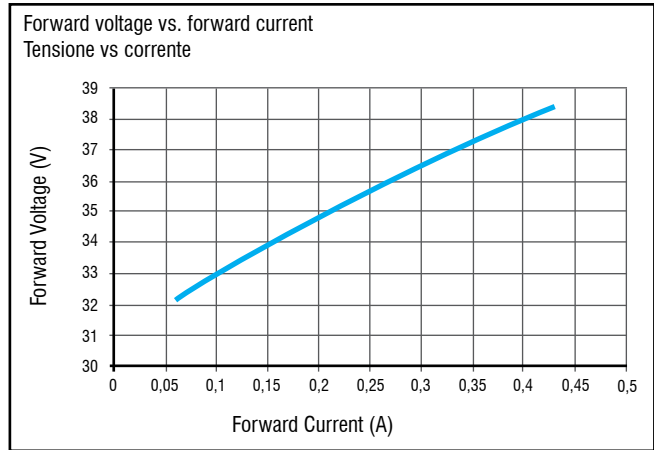
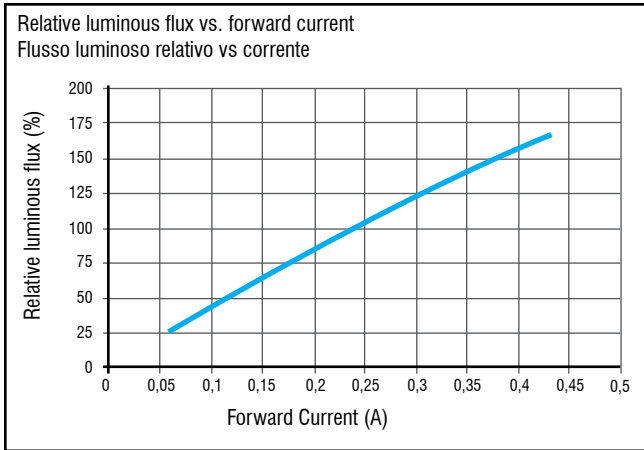
Caratteristiche

- Le soluzioni COB rendono facile la progettazione.
- Montaggio semplice che riduce i costi di produzione.
- Bassa resistenza termica.
- InGaN / GaN MQW LED con elevata affidabilità.
- Completato test di 6.000 ore, LM-80 test.
- LES: Ø 8 mm.
- Footprint: 13,5 mm x 13,5 mm.

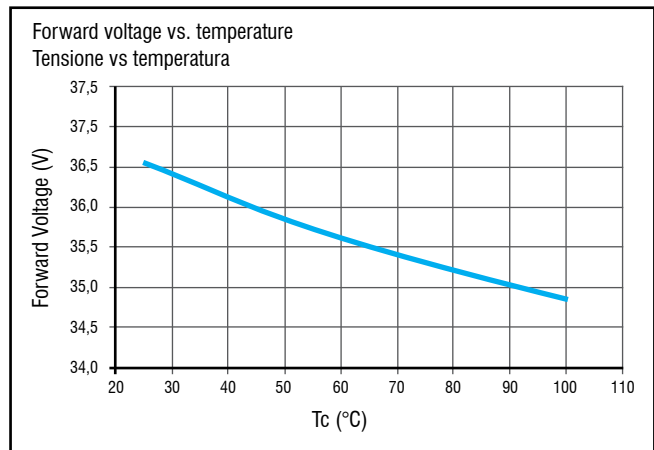
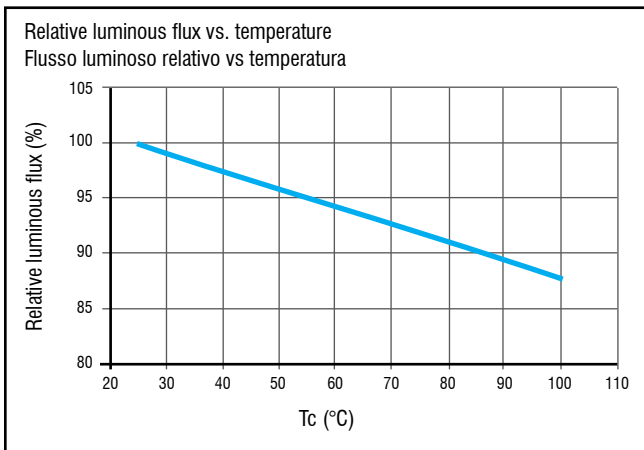
Applicazioni

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

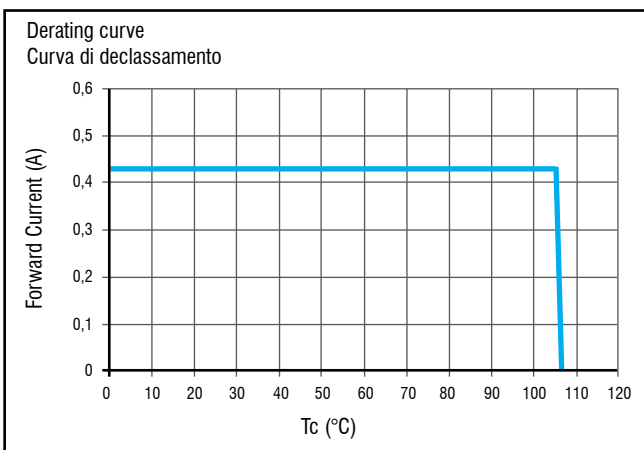
Forward current characteristics (ta=25 °C) - Caratteristiche corrente (ta = 25 °C)



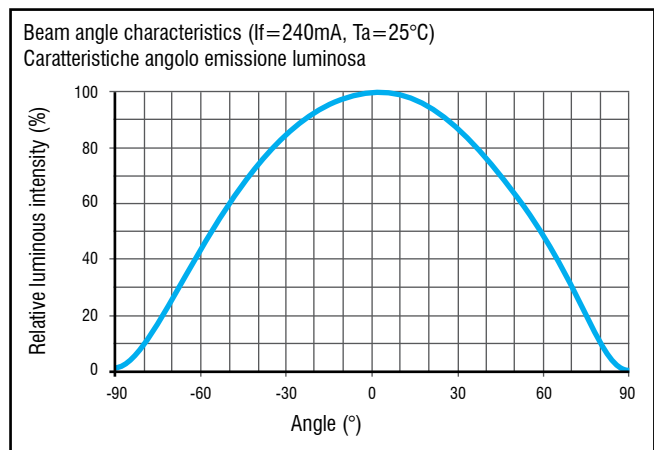
Temperature characteristics (ta=25 °C) - Caratteristiche di temperatura (Ta = 25 °C)



Derating curve - Curva di declassamento



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



5.
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