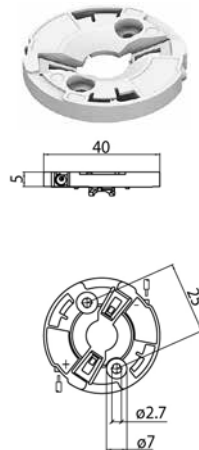


| Article Articolo | Code Codice | CRI min. | CCT K | MacAdam Step | Tc 25°C Flux Typ. lm | Efficacy Typ. lm/W | Tc 85°C Flux Typ. lm | Efficacy Typ. lm/W | If typ mA | Vf typ V |
|---------------------|----------------|-------------|----------|-----------------|----------------------------|--------------------------|----------------------------|----------------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

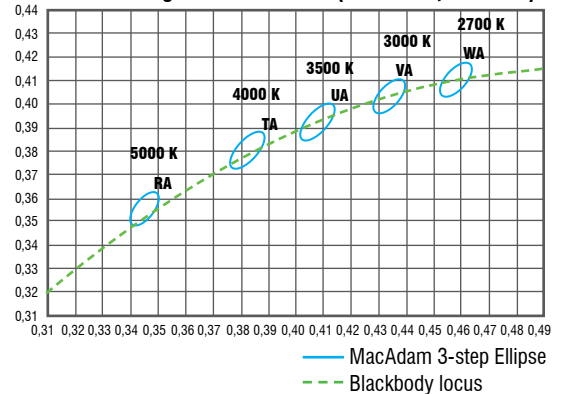
| LC008B | |
|--|-------------|
| Absolute maximum rating Valore assoluto nominale massimo | |
| LED junction temperature Temperatura di giunzione del LED | Tj = 140 °C |
| Case temperature Temperatura involucro | Tc = 105 °C |
| Forward current Corrente diretta | If = 430mA |
| Electro-optical characteristics (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.

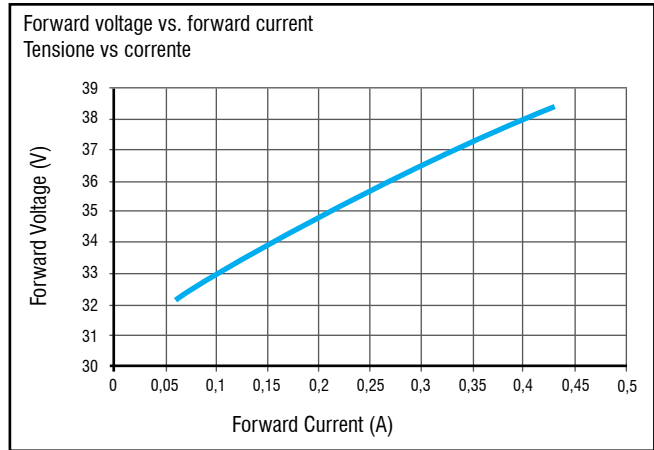
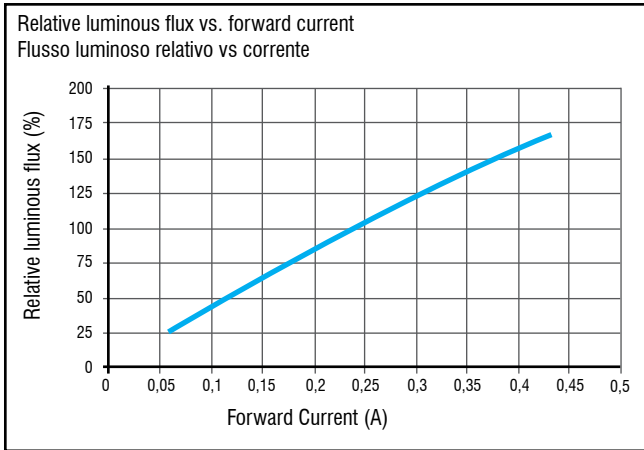
Caratteristiche

- 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.

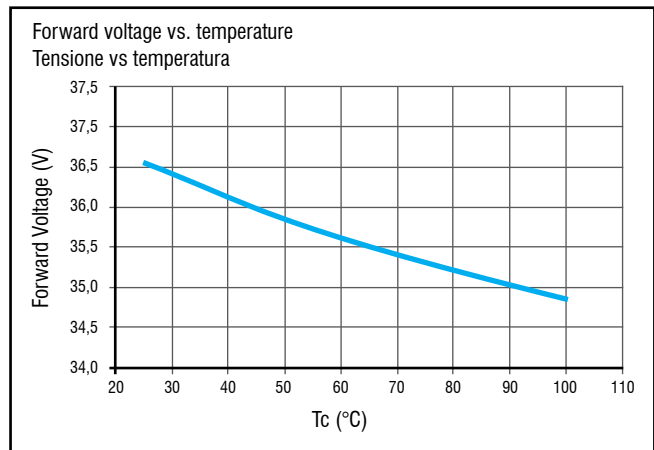
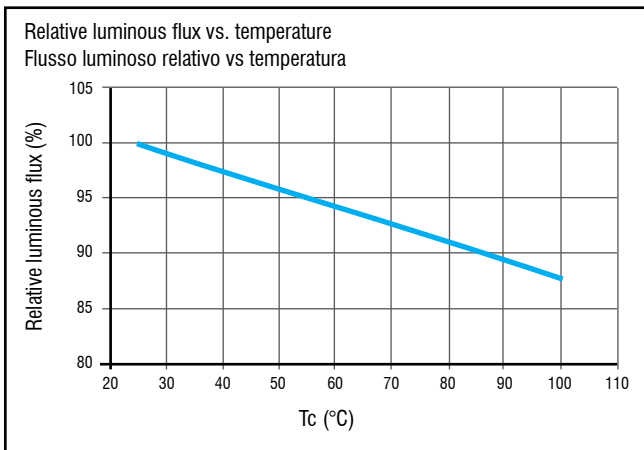
Applicazioni

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

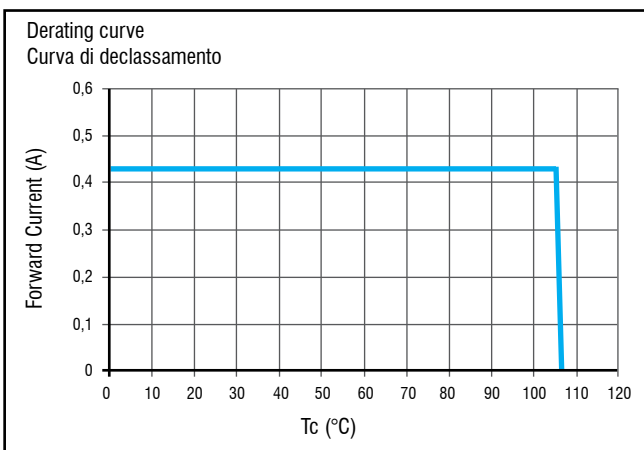
Forward current characteristics (ta=25 °C) - Caratteristiche corrente (ta = 25 °C)



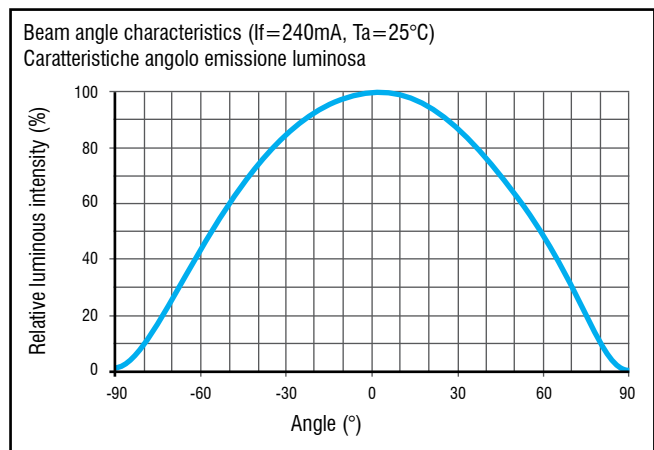
Temperature characteristics (ta=25 °C) - Caratteristiche di temperatura (Ta = 25 °C)



Derating curve - Curva di declassamento



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



5.
High efficacy COB LED
COB LED ad alta efficienza