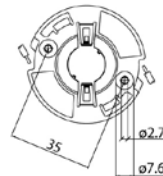


Article Articolo	Code Codice	CRI min.	CCT K	MacAdam Step	Tc 25°C Flux Typ. lm	Efficacy Typ. lm/W	Tc 85°C Flux Typ. lm	Efficacy Typ. lm/W	If typ mA	Vf typ V
LC013B	462601246	80	2700	3	1840	144	1675	137	360	35,5
	462601282		3000		1917	150	1744	142		
	462601258		4000		1994	156	1815	148		

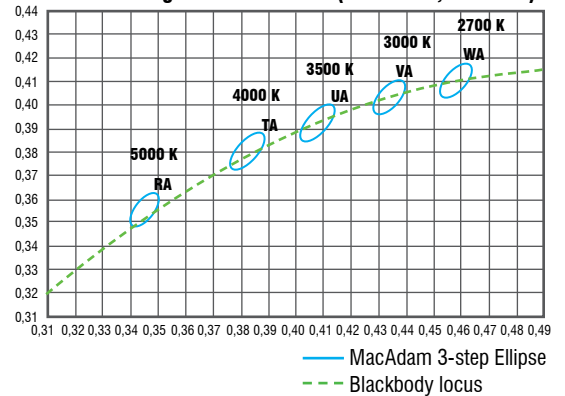
LC013B	
<b>Absolute maximum rating</b> Valore assoluto nominale massimo	
LED junction temperature Temperatura di giunzione del LED	Tj = 150 °C
Case temperature Temperatura involucro	Tc = 105 °C
Forward current Corrente diretta	If = 660mA
<b>Electro-optical characteristics (If=360mA, Ta=25 °C)</b> Caratteristiche elettro-ottiche	
Thermal resistance (junction to chip point) Resistenza termica (giunzione per punto chip)	1,6 °C/W
Beam Angle Angolo fascio luminoso	115°
Nominal Power Potenza nominale	12,8 W
Eye protection Protezione per gli occhi	Risk 1

Holder 8200/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 11 mm.
- Footprint: 17 mm x 17 mm.

**Applications**

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

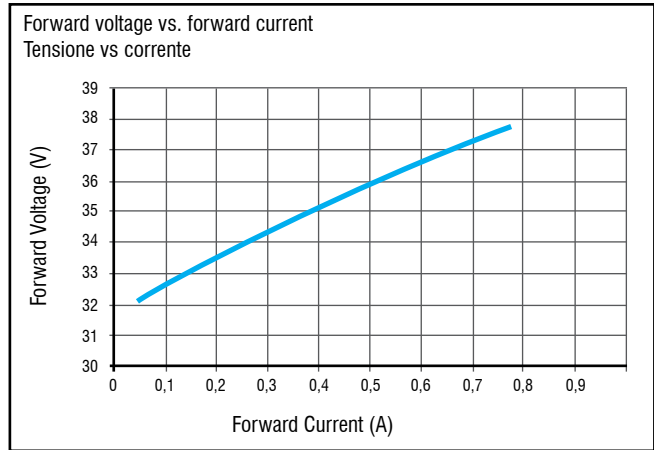
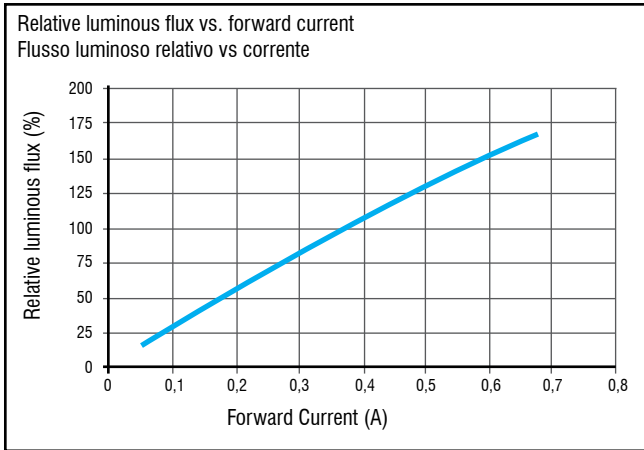
**Caratteristiche**

- 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 11 mm.
- Footprint: 17 mm x 17 mm.

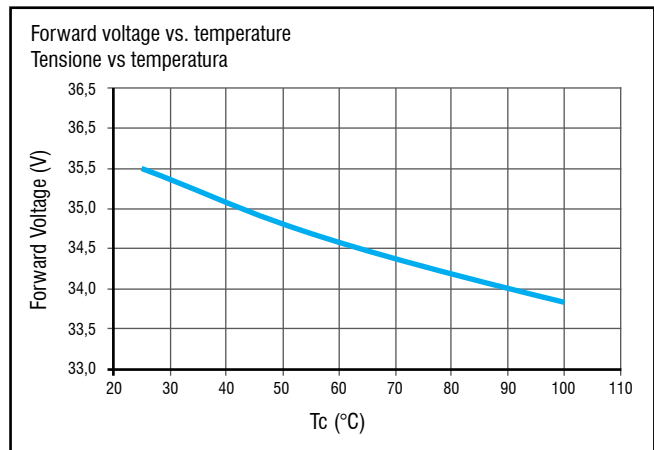
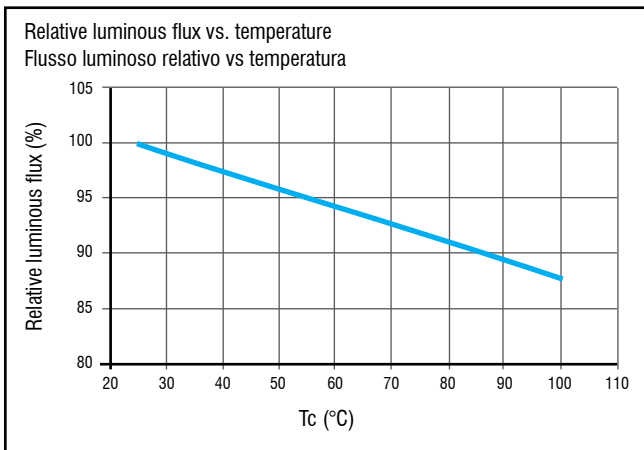
**Applicazioni**

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

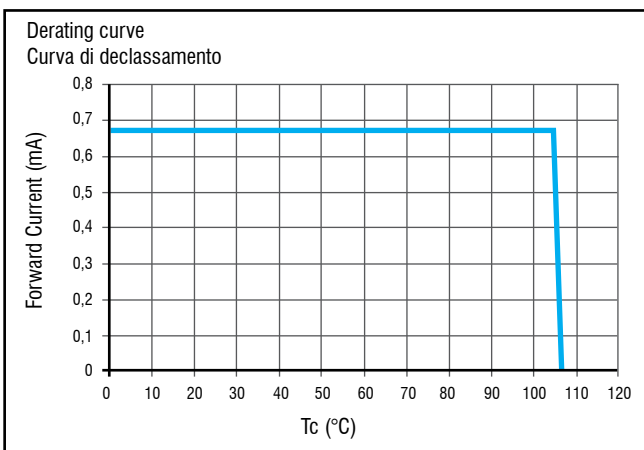
**Forward current characteristics (ta=25 °C) - Caratteristiche corrente (ta = 25 ° C)**



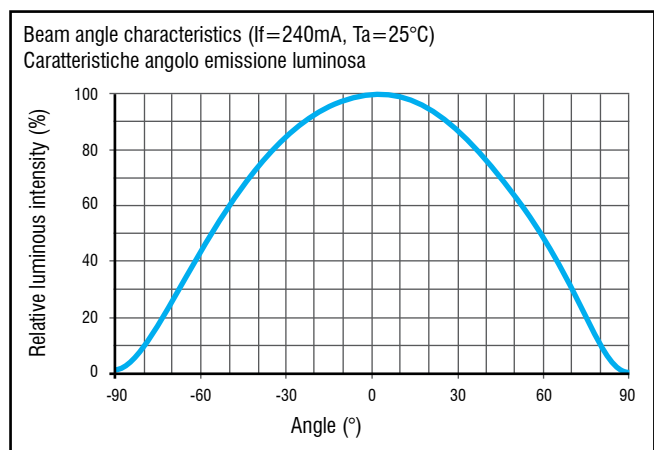
**Temperature characteristics (ta=25 °C) - Caratteristiche di temperatura (Ta = 25 ° C)**



**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  
COB LED ad alta efficienza