

LIGHT ENGINE AMBER 12 LEDs 30mmØ

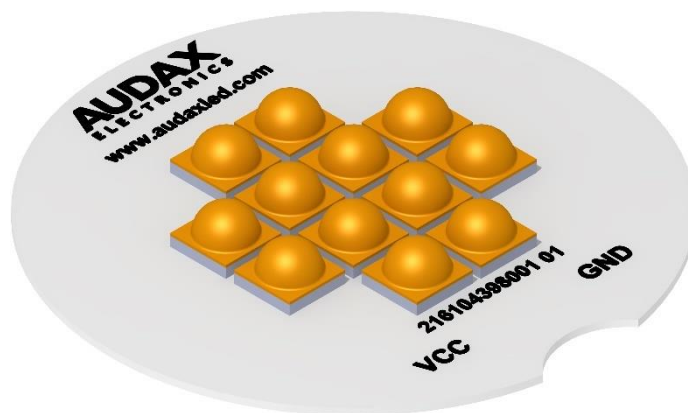
Issue Date	November, 2019
Issued by	Malassise, V.

Applications

- Turtle Lighting
- Outdoor Lighting
- Decorative Lighting
- Path Light

Characteristics

- Module Efficacy – up to 80.5 lm/W
- Input: 350mA
- Color: Amber
- Wavelength – 585nm
- 05 years warranty



INPUT CURRENT

Parameter	Nominal	Max
LIGHT ENGINE AMBER 12 LEDs 30mmØ	350mA	1,000mA

MODULE TEMPERATURES

Parameter	Nominal	Max
Tc (case temperature at Tc point)	25 °C	85 °C

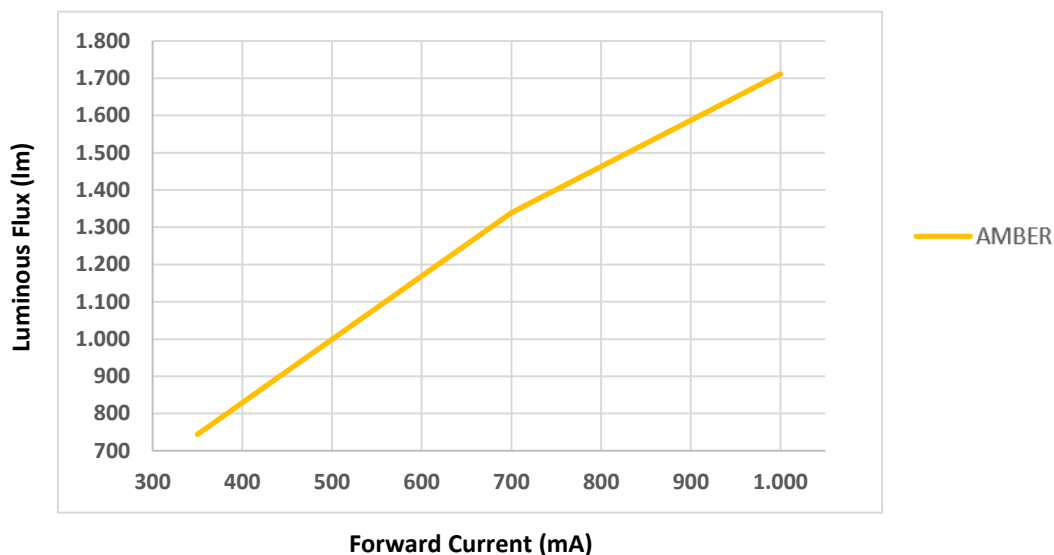
PRODUCT PART NUMBER

80283000100
AMBER – 585nm

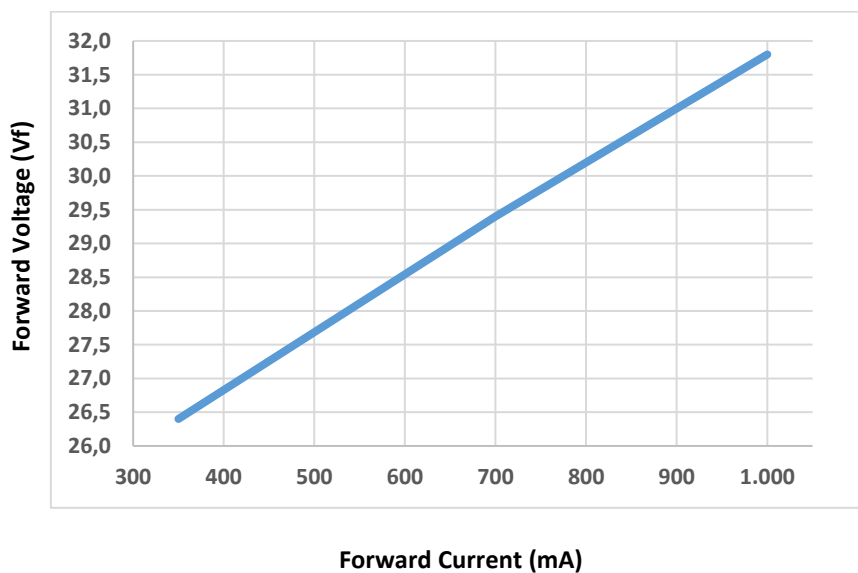
TECHNICAL INFORMATION

CCT	LED Driver Current (mA)	# LEDs	Luminous Flux (lm)	Forward Voltage (V)	LED Forward Current (mA)	TC (°C)	Power (W)	Efficacy (lm/W)*
AMBER	350	12	744	26.4	350	25	9.24	80.5

Luminous Flux (lm) x Forward Current (mA) (TC 60°C)



Luminous Flux (lm) x Forward Current (mA) (TC 60°C)

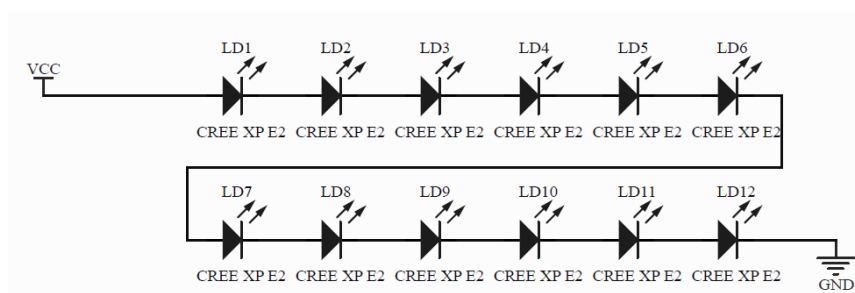


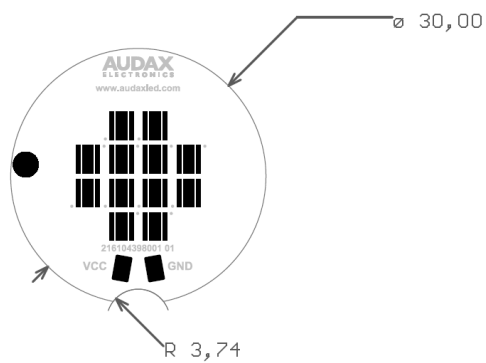
LED TYPE

Manufacturer: CREE

LED Series: XPEBAM-L1-0000-00601

SCHEMATICS





Unit: mm

WIRING

Specification item	Value	Unit	Condition
Input wire cross- section	0.25...0.75 18...24	mm ² AWG	Solid wire
Input wire strip length	7.5...8.5	mm	Solid wire
Input wire cross-section	0.33...0.5 20...22	mm ² AWG	Stranded wire
Input wire strip length	7.5...8.5	mm	Stranded wire