

LIGHT ENGINE COB 50W

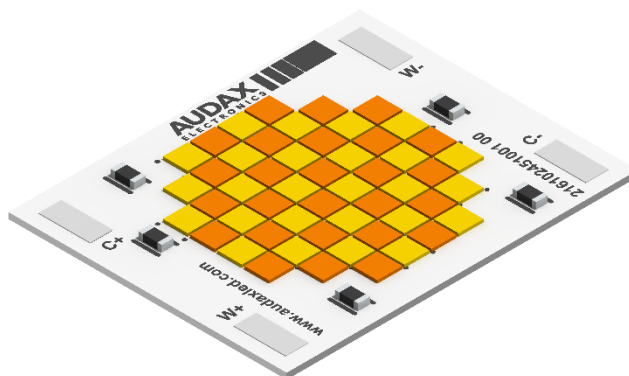
Issue Date	Ago - 2018
Issued by	Bitencourt E.

Applications

- Indoor lighting fixtures

Characteristics

- Module Efficacy – up to 158 lm/W
- L70 > 60.000 hours
- CRI > 80
- 03 SDCM
- CCTs 2.700K - 5.000K
- 05 years warranty



DRIVE CURRENTS

Parameter	Nominal	Max
LIGHT ENGINE COB 50W	350 mA	700 mA

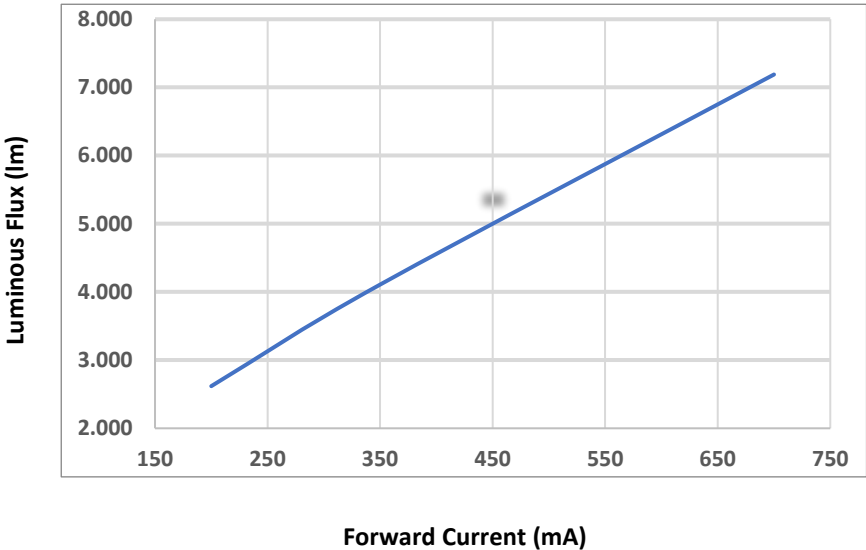
MODULE TEMPERATURES

Parameter	Nominal	Max
Tc (case temperature at Tc point)	60 °C	85 °C

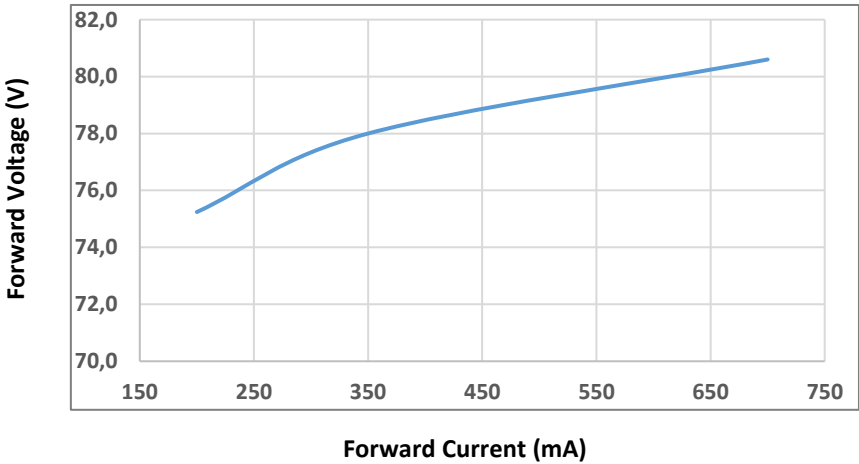
TECHNICAL INFORMATION

CCT	LED Driver Current (mA)	# LEDs	Luminous Flux (lm)	Forward Voltage (V)	LED Forward Current (mA)	TC (°C)	Power (W)	Efficacy (lm/W)
2.700K	200	26	2353,1	75,24	200,00	75	15,0	156
2.700K	350	26	3692,0	78,00	350,00	75	27,3	135
2.700K	700	26	6461,0	80,60	700,00	75	56,4	115
5.000K	200	26	2618,3	75,24	200,00	75	15,0	174
5.000K	350	26	4108,0	75,24	350,00	75	26,3	156
5.000K	700	26	7189,0	80,60	700,00	75	56,4	127

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



Forward Voltage (V) x Forward Current (mA) (TC 60°C)

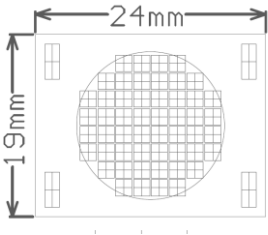


LED TYPE

Manufacturer: Nichia Corporation

LED Series: NVS E17A

MECHANICAL DRAWING



Unit: mm