

LIGHT ENGINE COB 16W 19x16mm

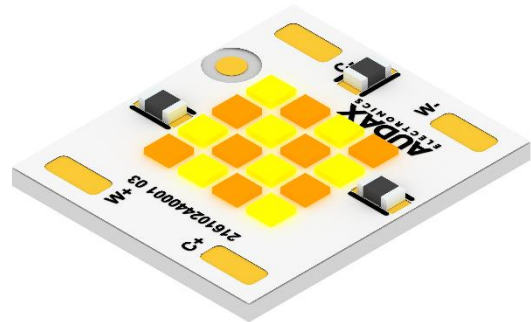
Issue Date	Feb - 2021
Issued by	Vegner I.

Applications

- Indoor lighting fixtures

Characteristics

- Module Efficacy – up to 144 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 16W 24x19mm	350 mA	1000 mA

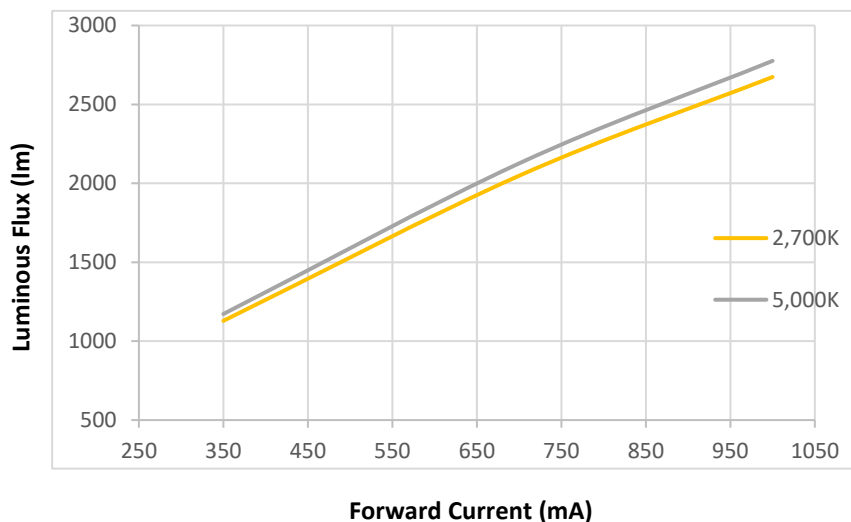
MODULE TEMPERATURES

Parameter	Nominal	Max
Tc (case temperature at Tc point)	75 °C	85 °C

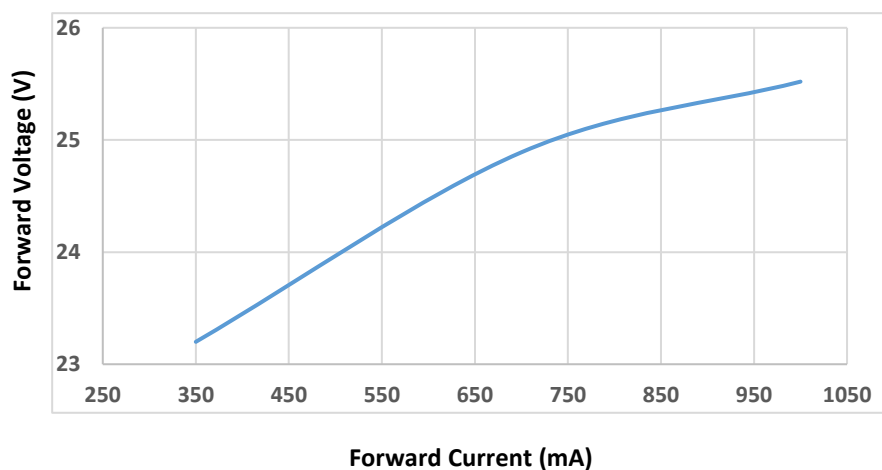
TECHNICAL INFORMATION

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	350	8	1,129	23.2	350	75	8.1	139
2,700K	700	8	2,048	24.9	700	75	17.4	118
2,700K	1,000	8	2,674	25.5	1,000	75	25.5	105
5,000K	350	8	1,172	23.2	350	75	8.1	144
5,000K	700	8	2,126	24.9	700	75	17.4	122
5,000K	1,000	8	2,776	25.5	1,000	75	25.5	109

Luminous Flux (lm) x Forward Current (mA) (Tc 75°C)



Forward Voltage (V) x Forward Current (mA) (Tc 75°C)

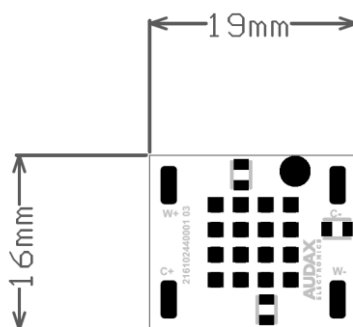


LED TYPE

Manufacturer: Nichia Corporation

LED Series: NCS E17A

MECHANICAL DRAWING



Unit: mm