

LIGHT ENGINE 96 LEDs 560mm x 40mm

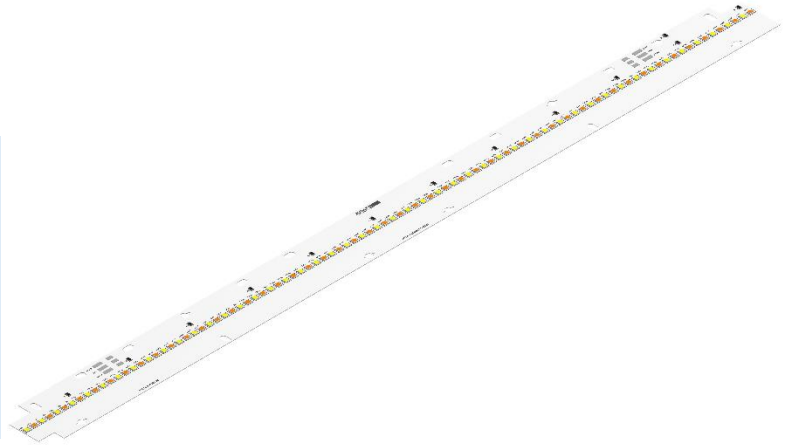
Issue Date	Ago - 2018
Issued by	Bitencourt E.

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 96 LEDs	1.680 mA	1.800 mA

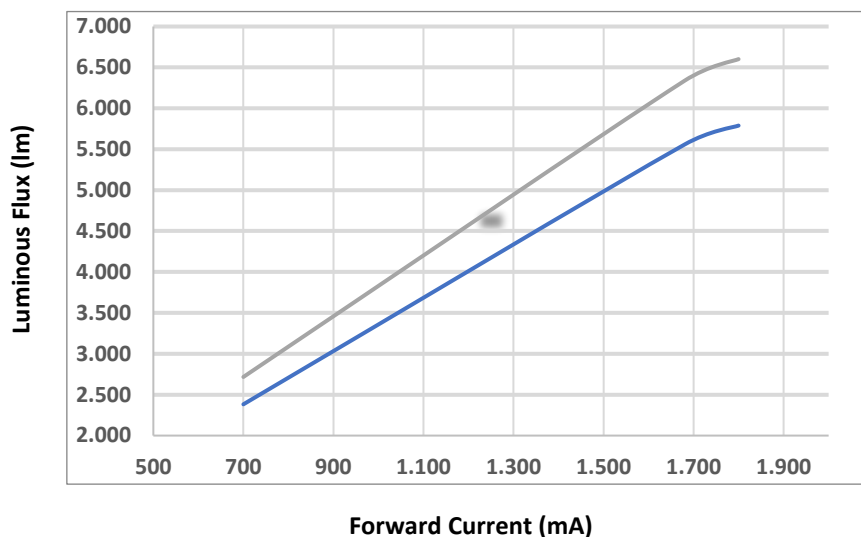
MODULE TEMPERATURES

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

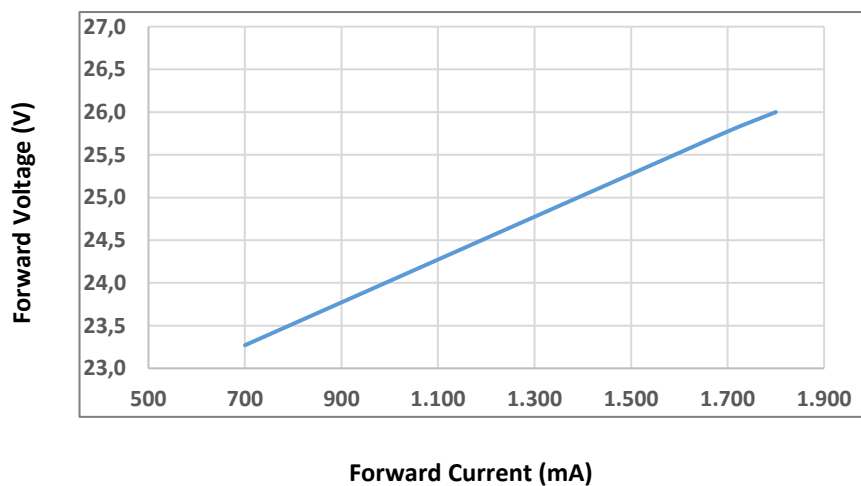
TECHNICAL INFORMATION

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	700	48	2311,1	23,27	58,33	75	16,3	142
2.700K	1680	48	5391,4	25,72	140,00	75	43,2	125
2.700K	1800	48	5616,0	26,00	150,00	75	46,8	120
5.000K	700	48	2382,2	23,27	58,33	75	16,3	146
5.000K	1680	48	5557,2	23,27	140,00	75	39,1	142
5.000K	1800	48	5788,8	26,00	150,00	75	46,8	124

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



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

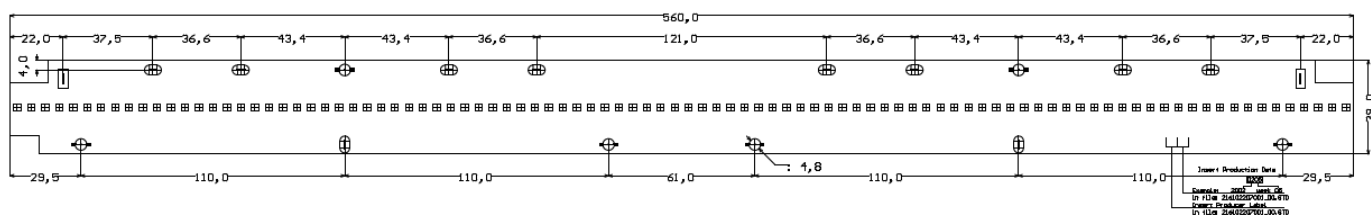


LED TYPE

Manufacturer: Nichia Corporation

LED Series: 757

MECHANICAL DRAWING



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