

LIGHT ENGINE 80 LEDs 560mm x 20mm

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 80 LEDs	720 mA	750 mA

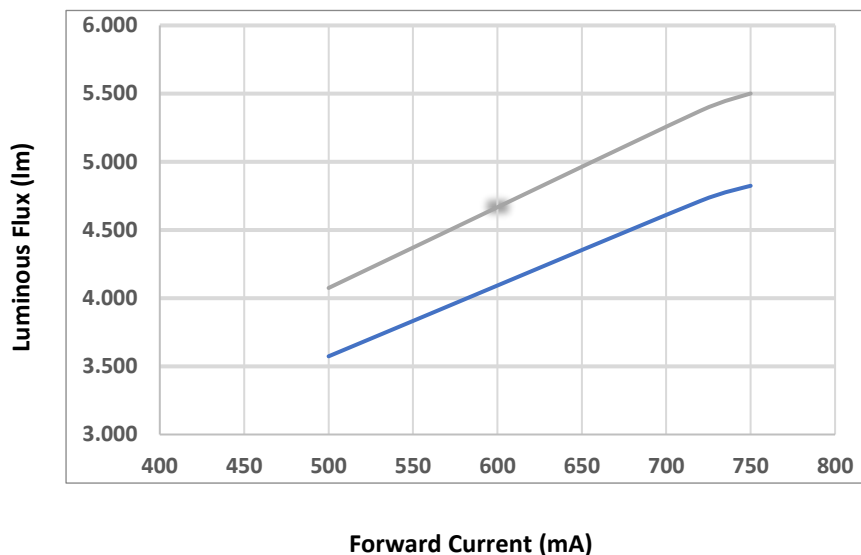
MODULE TEMPERATURES

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

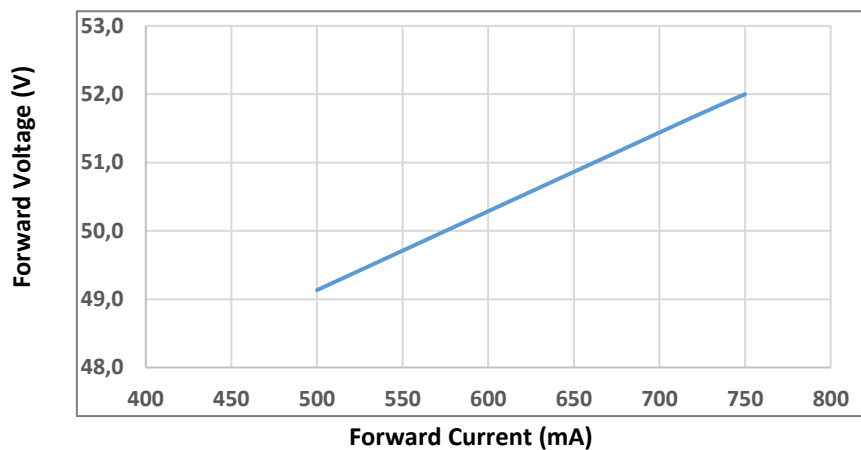
TECHNICAL INFORMATION

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	500	40	3466,7	49,13	100,00	75	24,6	141
2.700K	720	40	4571,0	51,67	144,00	75	37,2	123
2.700K	750	40	4680,0	52,00	150,00	75	39,0	120
5.000K	500	40	3573,3	49,13	100,00	75	24,6	145
5.000K	720	40	4711,7	49,13	144,00	75	35,4	133
5.000K	750	40	4824,0	52,00	150,00	75	39,0	124

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



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

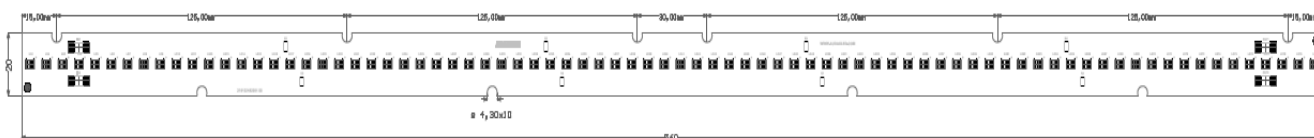


LED TYPE

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