

LIGHT ENGINE Ø79mm 900lm

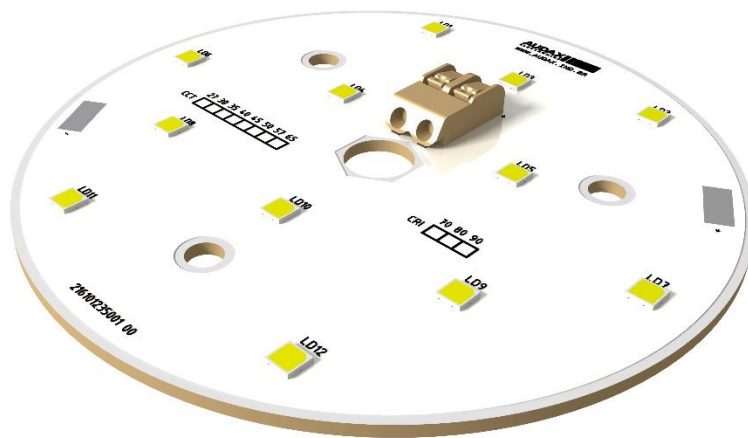
Issue Date	June – 2018
Issued by	Thiago S.

Application

- Point lights
- Downlights
- Optical fiber

Characteristics

- Module Efficacy – up to 169 lm/W
- L70 > 60.000 hours
- CRI > 80 (Typ.85)
- 03 SDCM
- CCTs 3.000K / 4.000K / 5.000K
- 05 years warranty



DRIVE CURRENTS

Parameter	Nominal	Max
Light Engine Round Fit	350 mA	350 mA

MODULE TEMPERATURES

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

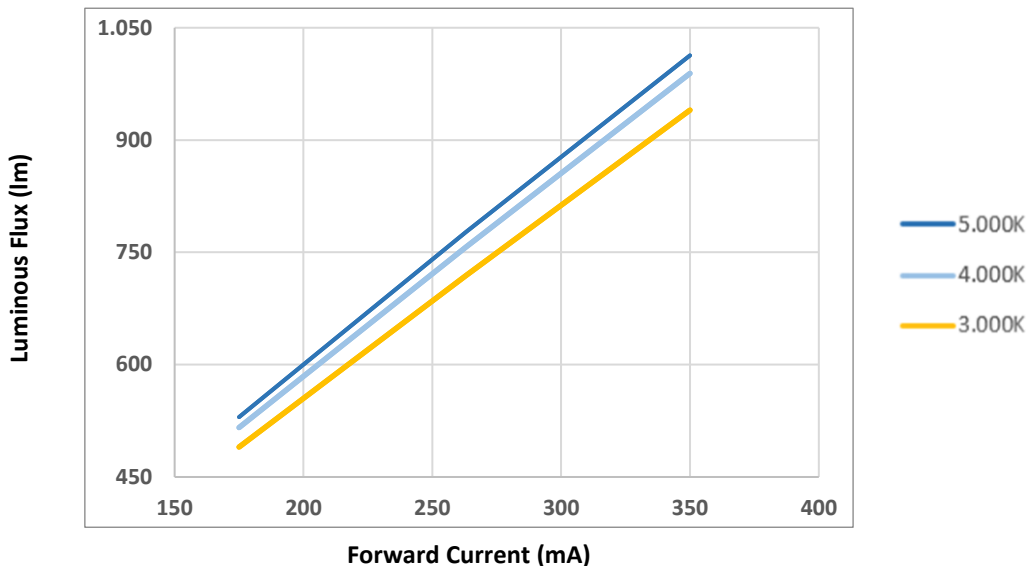
PRODUCT PART NUMBER

80046900100	80047000100	80047100100
3.000 K	4.000 K	5.000 K

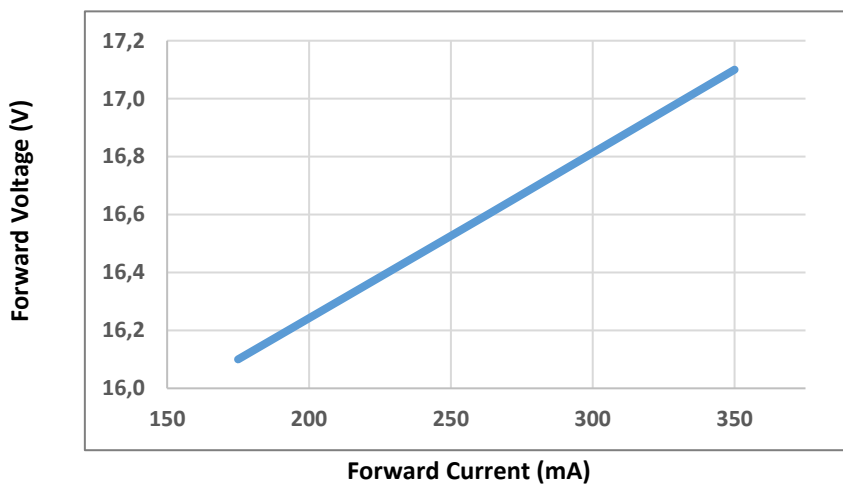
TECHNICAL INFORMATION

CCT	LED Driver Current (mA)	# LEDs	Luminous Flux (lm)	Forward Voltage (V)	LED Forward Current (mA)	TC (°C)	Power (W)	Efficacy (lm/W)
3.000 K	175	15	490	16.1	35	75	2.8	175
3.000 K	263	15	719	16.6	52.5	75	4.4	163
3.000 K	350	15	940	17.1	70	75	6	157
4.000 K	175	15	516	16.1	35	75	2.8	184
4.000 K	263	15	757	16.6	52.5	75	4.4	172
4.000 K	350	15	989	17.1	70	75	6	165
5.000 K	175	15	530	16.1	35	75	2.8	189
5.000 K	263	15	777	16.6	52.5	75	4.4	177
5.000 K	350	15	1,013	17.1	70	75	6	169

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



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

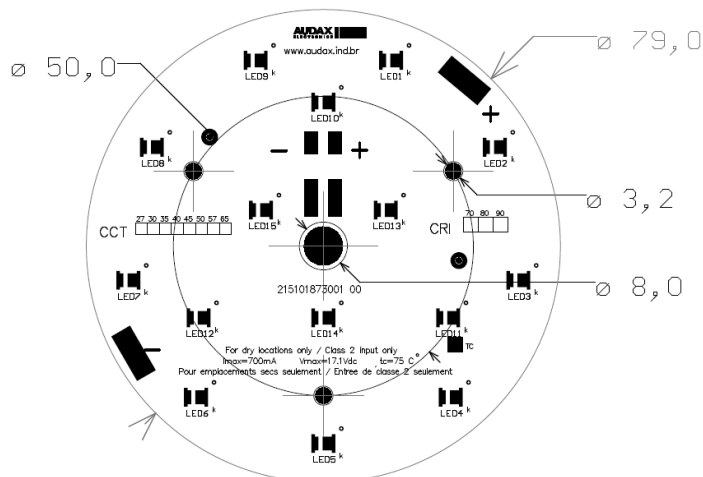


LED TYPE

Manufacturer: Nichia Corporation

LED Series: 757

MECHANICAL DRAWING



Unit: mm

WIRING

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

DRIVER FOR 1 LIGHT ENGINES: LED DRIVER 8W 100-240VAC (EIP008C0350LHS)

