

LIGHT ENGINE 280 x 20mm 1.100lm

Issue Date	May - 2018
Issued by	Thiago S.

Application

- Troffers
- Batten
- Retrofit T8
- Retrofit HO
- Linear Fixtures



Zhaga

Characteristics

- Module Efficacy – up to 157 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	700 mA	700 mA

MODULE TEMPERATURES

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

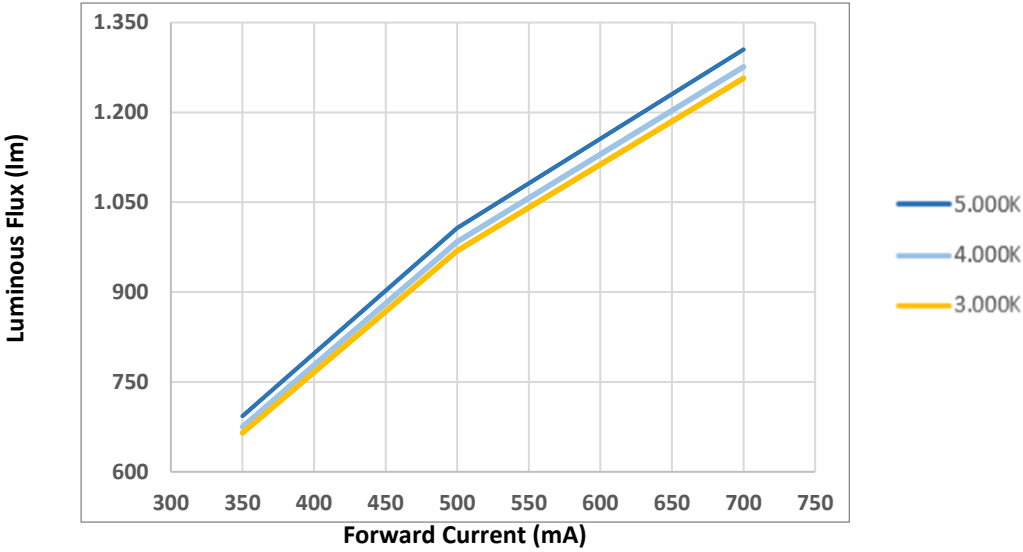
PRODUCT PART NUMBER

80084700100	80084800100	80084900100
3.000 K	4.000 K	5.000 K

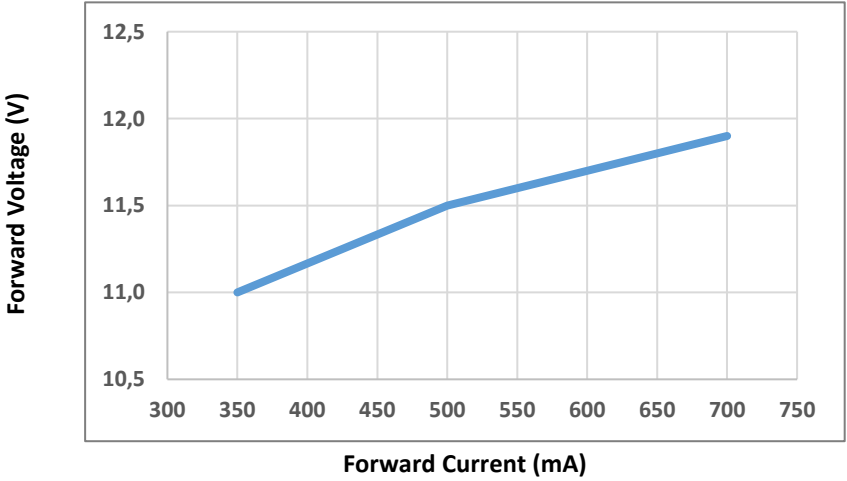
TECHNICAL INFORMATION

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	350	14	665	11	50	75	3.9	171
3.000 K	500	14	969	11.5	75	75	6	162
3.000 K	700	14	1,257	11.9	100	75	8.3	151
4.000 K	350	14	675	11	50	75	3.9	173
4.000 K	500	14	984	11.5	75	75	6	164
4.000 K	700	14	1,276	11.9	100	75	8.3	154
5.000 K	350	14	693	11	50	75	3.9	178
5.000 K	500	14	1,007	11.5	75	75	6	168
5.000 K	700	14	1,305	11.9	100	75	8.3	157

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



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

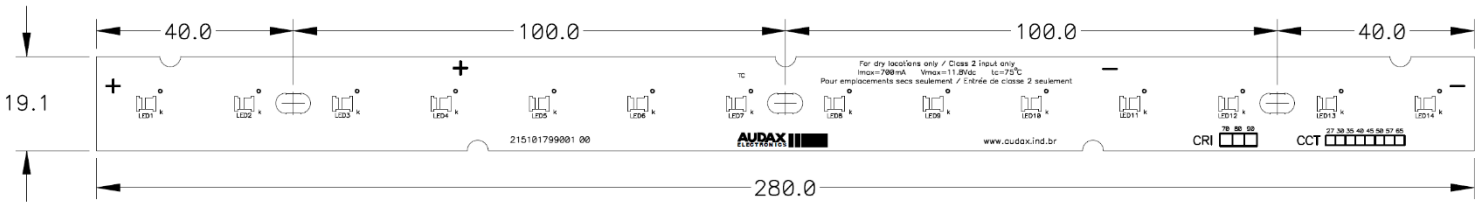


LED TYPE

Manufacturer: Nichia Corporation

LED Series: 757

MECHANICAL DRAWING

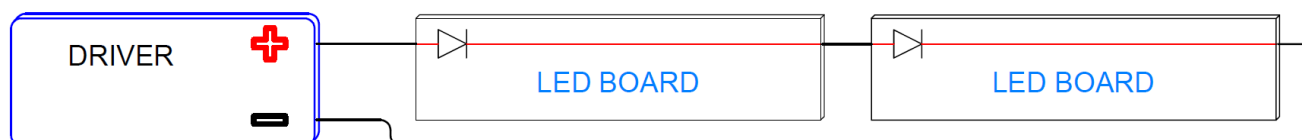


Unit: mm

WIRING

Specification item	Value	Unit	Condition
Input wire cross- section	0.25...0.75 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

DRIVER FOR 2 LIGHT ENGINES: LED DRIVER 21W 220-240VAC (EIP021C0700L2)



DRIVER FOR 4 LIGHT ENGINES: LED DRIVER 40W 220-240VAC (EIP040C0700L1)

