

LIGHT ENGINE 280 x 20mm 1.100lm

Issue Date	Jul - 2017
Issued by	Wilbur C.

Application

- Troffers
- Battens
- Retrofit T8 / HO
- Linear Luminaire

Characteristics

- Module Efficacy – up to 139lm/W
- L70 > 50.000 hours
- CRI > 80 (Typ.85)
- 03 SDCM
- CCTs 3.000K / 4.000K / 5.000K
- 05 years warranty



Zhaga

DRIVE CURRENTS

Parameter	Nominal	Max
Light Engine Linear Fit	700 mA	700 mA

MODULE TEMPERATURES

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

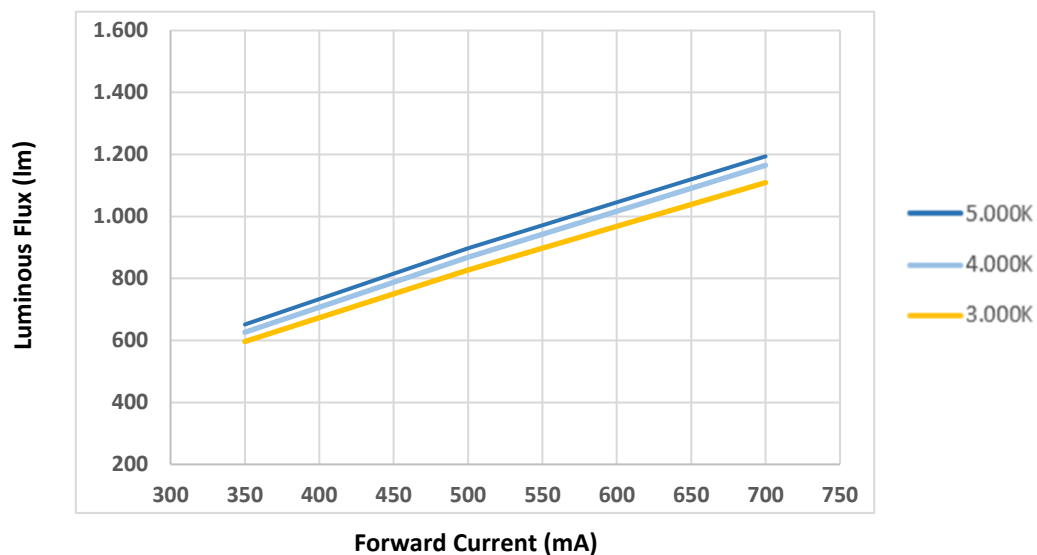
PRODUCT PART NUMBER

80050200100	80050300100	80050400100
3.000 K	4.000 K	5.000 K

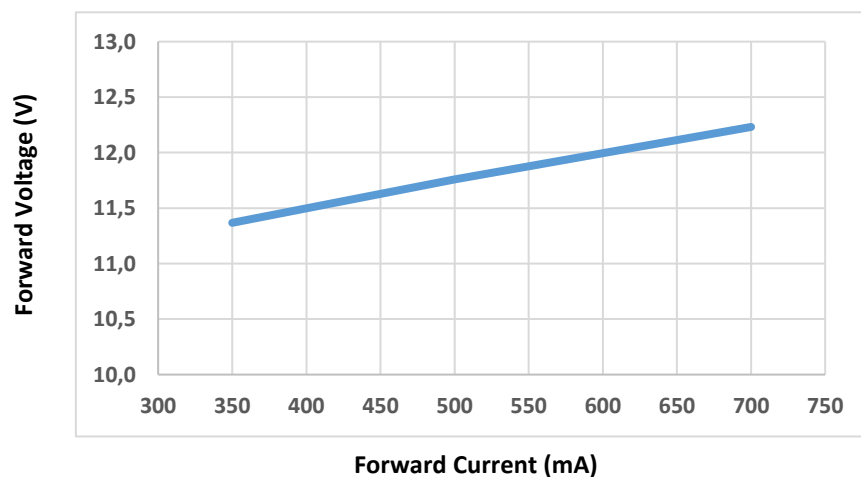
TECHNICAL INFORMATION

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	10	596	11,4	70	75	4,0	150
3.000 K	500	10	827	11,8	100	75	5,9	141
3.000 K	700	10	1.109	12,2	140	75	8,6	130
4.000 K	350	10	626	11,4	70	75	4,0	157
4.000 K	500	10	869	11,8	100	75	5,9	148
4.000 K	700	10	1.165	12,2	140	75	8,6	136
5.000 K	350	10	651	11,4	70	75	4,0	164
5.000 K	500	10	897	11,8	100	75	5,9	153
5.000 K	700	10	1.194	12,2	140	75	8,6	139

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



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

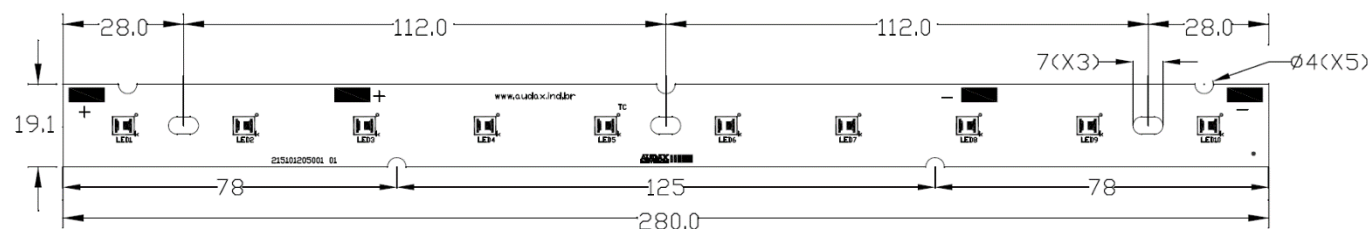


LED TYPE

Manufacturer: Nichia Corporation

LED Series: 757

MECHANICAL DRAWING

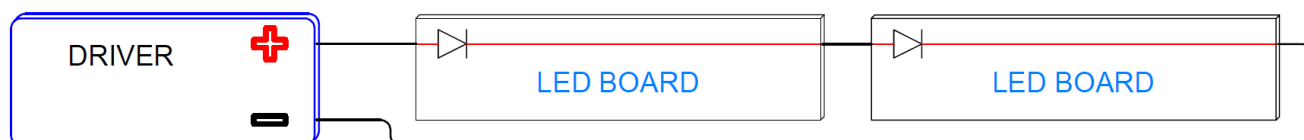


Unit: mm

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

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



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

