

## LIGHT ENGINE Ø120mm 2.000lm

Issue Date	Jul - 2017
Issued by	Wilbur C.

### Application

- Downlights

### Characteristics

- Module Efficacy – up to 139 lm/W
- L70 > 50.000 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

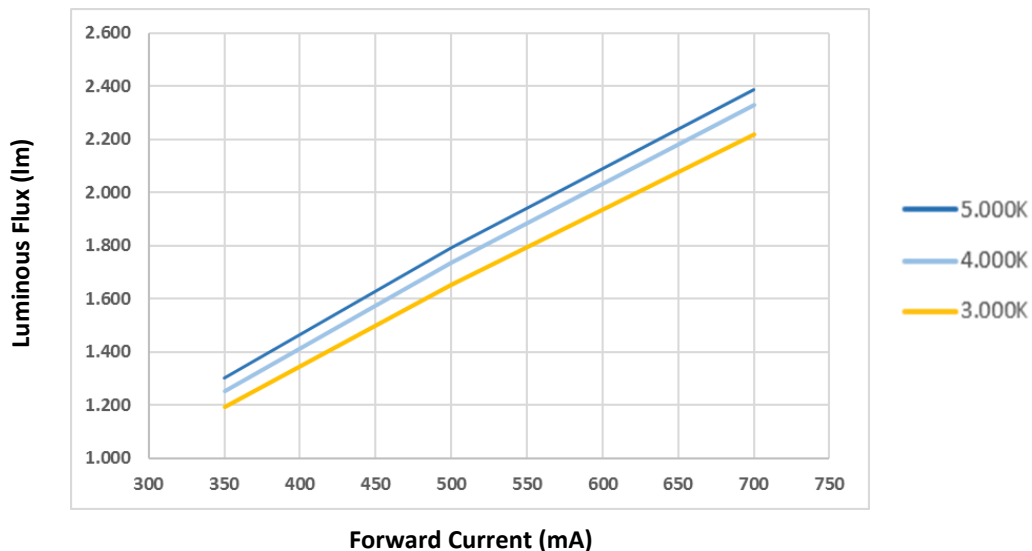
### PRODUCT PART NUMBER

80047200100	80047300100	80047400100
3.000 K	4.000 K	5.000 K

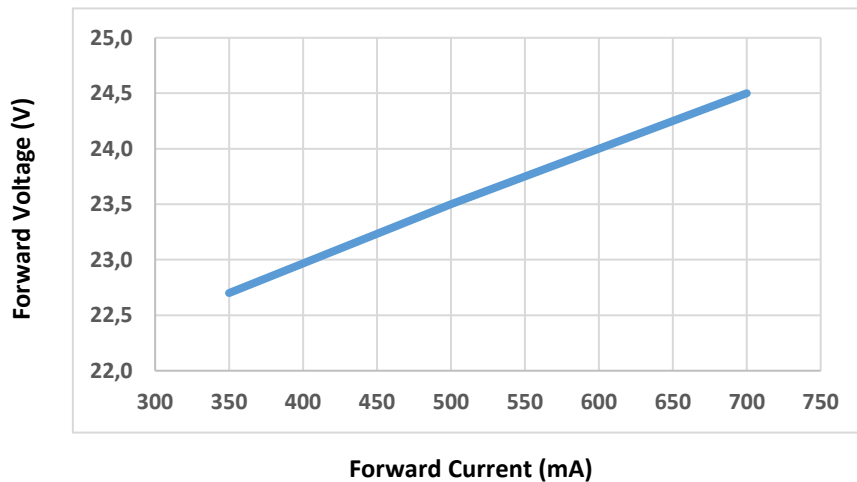
### TECHNICAL INFORMATION

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	20	1.193	22,7	70	75	8,0	149
3.000 K	500	20	1.654	23,5	100	75	11,8	140
3.000 K	700	20	2.218	24,5	140	75	17,1	130
4.000 K	350	20	1.253	22,7	70	75	8,0	157
4.000 K	500	20	1.737	23,5	100	75	11,8	147
4.000 K	700	20	2.330	24,5	140	75	17,1	136
5.000 K	350	20	1.303	22,7	70	75	8,0	163
5.000 K	500	20	1.794	23,5	100	75	11,8	152
5.000 K	700	20	2.388	24,5	140	75	17,1	140

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



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

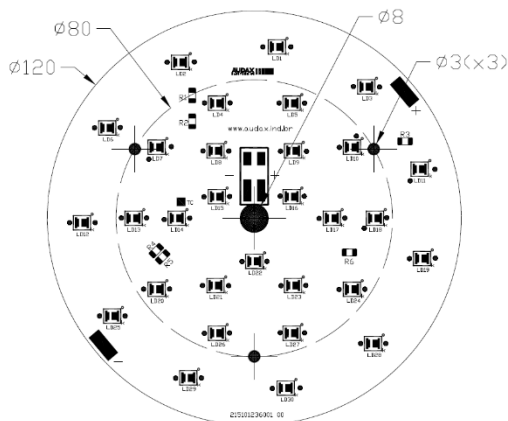


LED TYPE

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 <sup>2</sup> 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 <sup>2</sup> AWG	Stranded wire
Input wire strip length	7.5...8.5	mm	Stranded wire

### DRIVER FOR 1 LIGHT ENGINES: LED DRIVER 21W 220-240VAC (EIP021C0700L2)

