

ROUND FIT DLC

HIGH EFFICACY FOR INTERNAL APPLICATIONS

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 DLC	700 mA	700 mA

MODULE TEMPERATURES

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

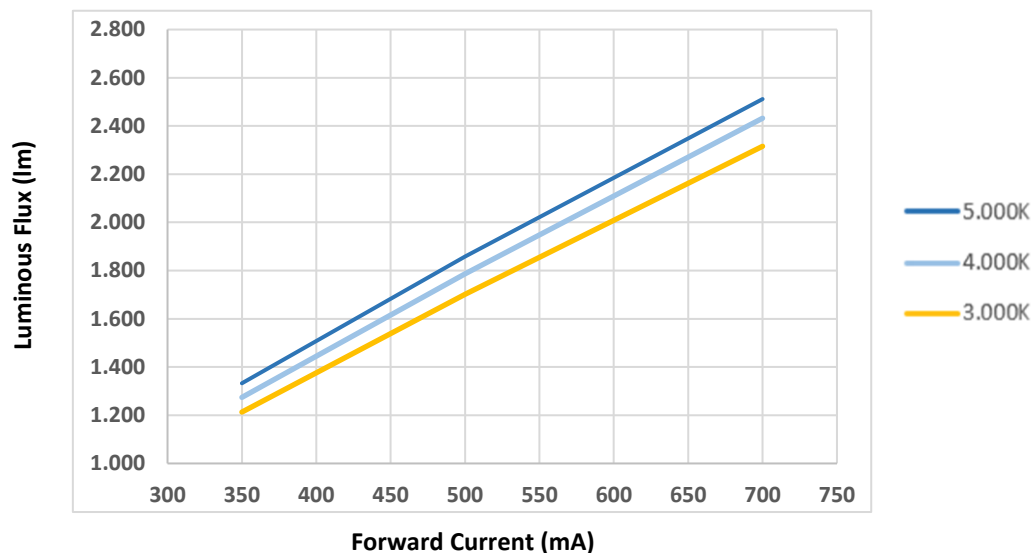
PRODUCT PART NUMBER

80083200100	80083300100	80083400100
3.000 K	4.000 K	5.000 K

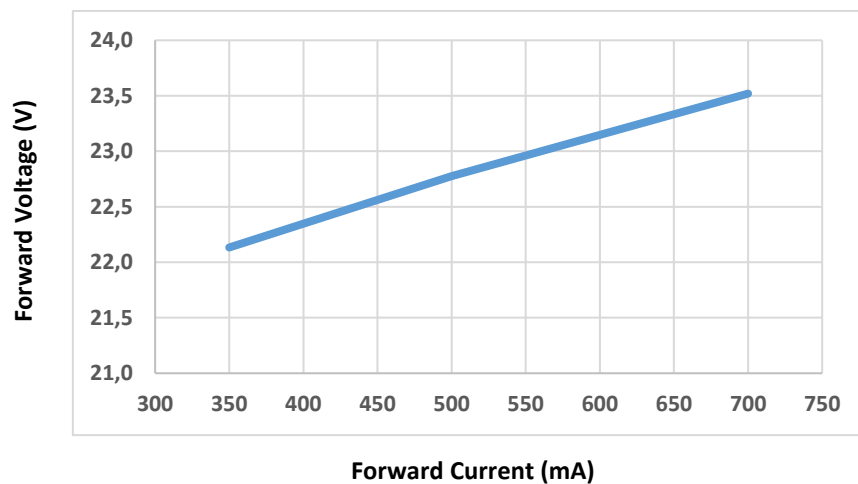
TECHNICAL INFORMATION

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	28	1.213	22,1	50	75	7,7	157
3.000 K	500	28	1.701	22,8	71	75	11,4	149
3.000 K	700	28	2.316	23,5	100	75	16,5	141
4.000 K	350	28	1.274	22,1	50	75	7,7	164
4.000 K	500	28	1.787	22,8	71	75	11,4	157
4.000 K	700	28	2.432	23,5	100	75	16,5	148
5.000 K	350	28	1.333	22,1	50	75	7,7	172
5.000 K	500	28	1.858	22,8	71	75	11,4	163
5.000 K	700	28	2.512	23,5	100	75	16,5	153

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



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

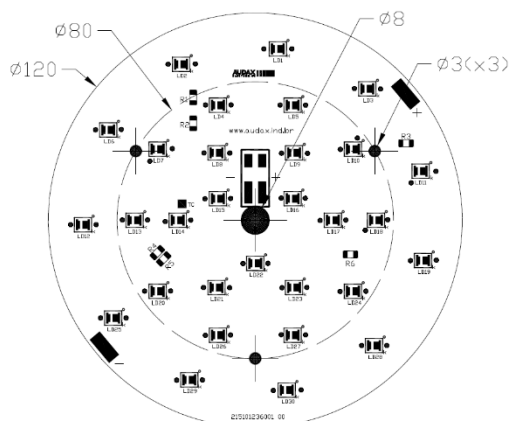


LED TYPE

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

