

ROUND FIT DLC

HIGH EFFICACY FOR INTERNAL APPLICATIONS

AUDAX
ELECTRONICS

LIGHT ENGINE Ø120mm 3.000lm

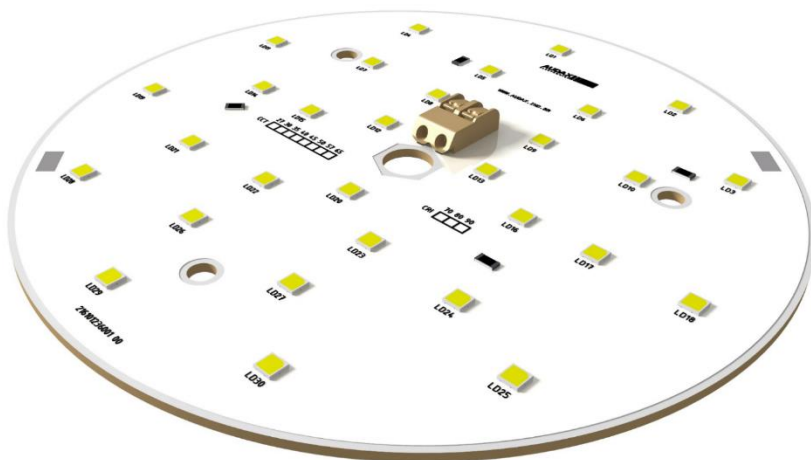
Issue Date	Jul - 2017
Issued by	Wilbur C.

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

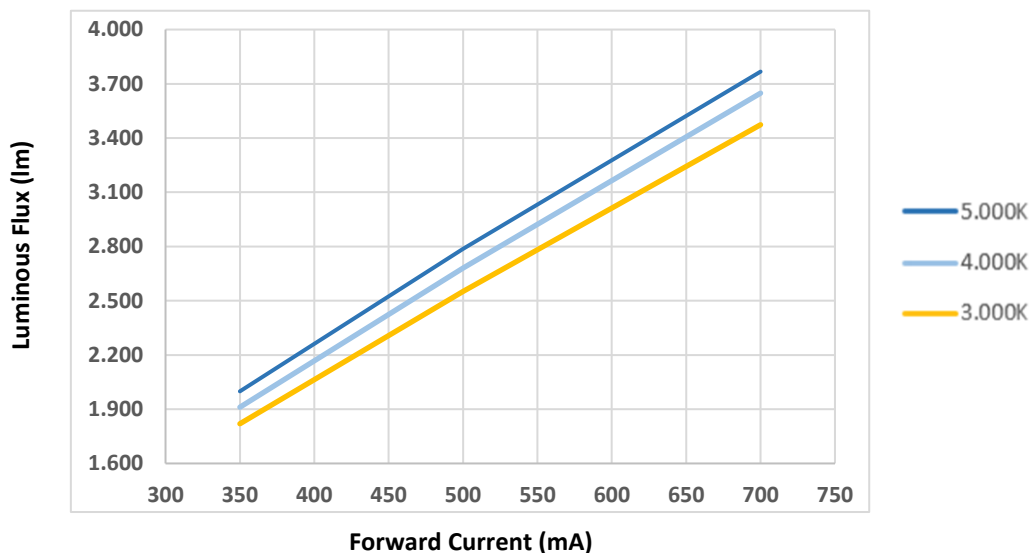
PRODUCT PART NUMBER

80083500100	80083600100	80083700100
3.000 K	4.000 K	5.000 K

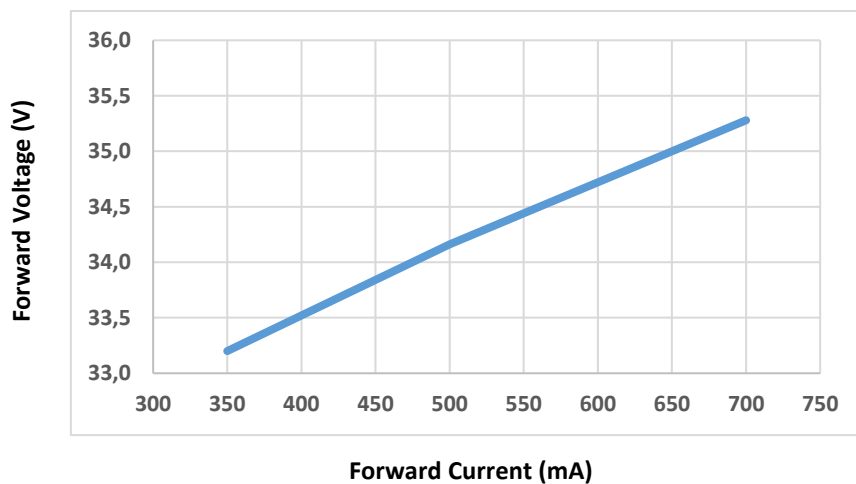
TECHNICAL INFORMATION

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	42	1.819	33,2	50	75	11,6	157
3.000 K	500	42	2.552	34,2	71	75	17,1	149
3.000 K	700	42	3.474	35,3	100	75	24,7	141
4.000 K	350	42	1.911	33,2	50	75	11,6	164
4.000 K	500	42	2.681	34,2	71	75	17,1	157
4.000 K	700	42	3.648	35,3	100	75	24,7	148
5.000 K	350	42	1.999	33,2	50	75	11,6	172
5.000 K	500	42	2.787	34,2	71	75	17,1	163
5.000 K	700	42	3.767	35,3	100	75	24,7	153

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



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

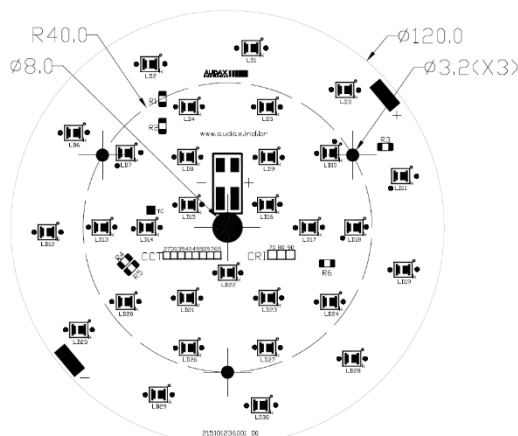


LED TYPE

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

