

LIGHT ENGINE Ø120mm 3.000lm

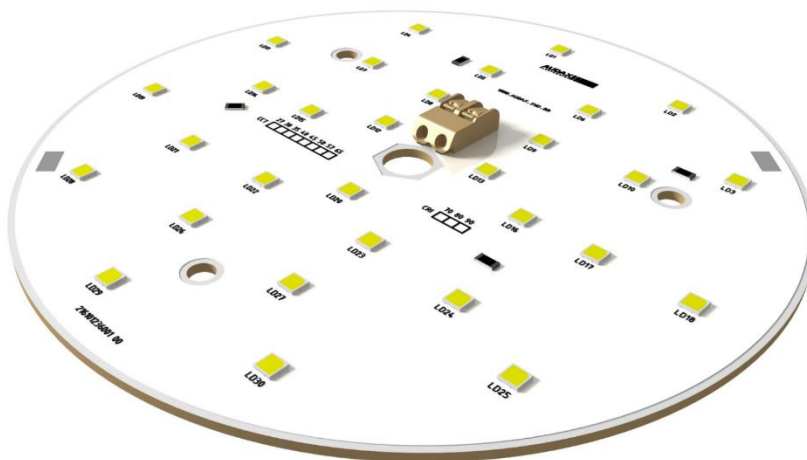
Issue Date	Feb - 2020
Issued by	Bitencourt E.

Application

- Downlights

Characteristics

- Module Efficacy – up to 167 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)	75 °C	85 °C

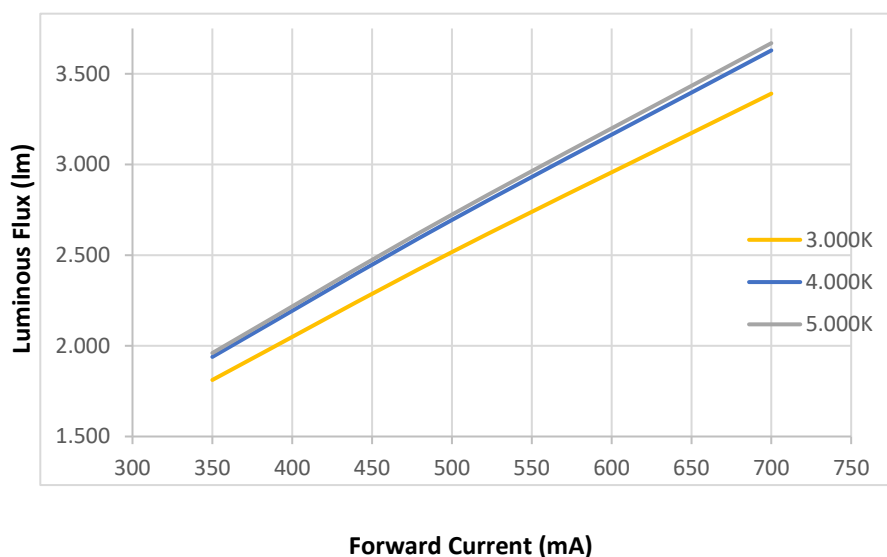
PRODUCT PART NUMBER

80047500100	80047600100	80047700100
3.000 K	4.000 K	5.000 K

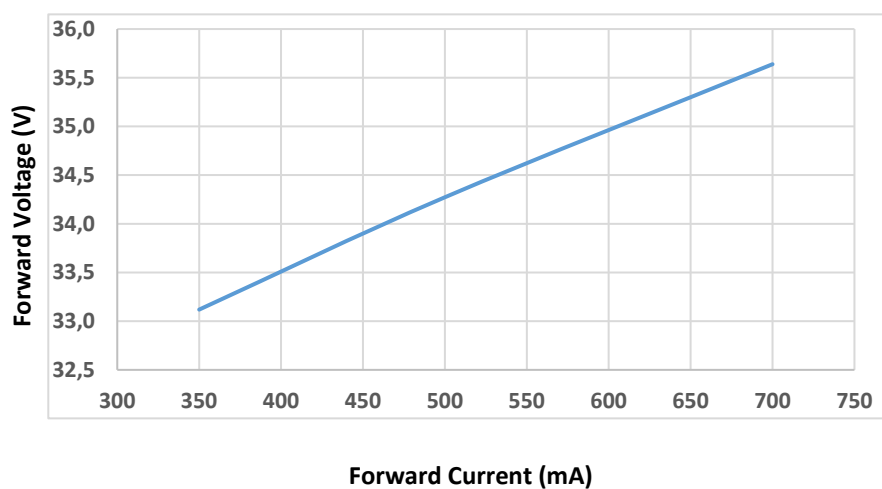
TECHNICAL INFORMATION

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	30	1812	33,1	70	75	11,6	156
3.000 K	500	30	2517	34,3	100	75	17,1	147
3.000 K	700	30	3391	35,6	140	75	24,9	136
4.000 K	350	30	1939	33,1	70	75	11,6	167
4.000 K	500	30	2694	34,3	100	75	17,1	157
4.000 K	700	30	3629	35,6	140	75	24,9	145
5.000 K	350	30	1960	33,1	70	75	11,6	169
5.000 K	500	30	2723	34,3	100	75	17,1	159
5.000 K	700	30	3669	35,6	140	75	24,9	147

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



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

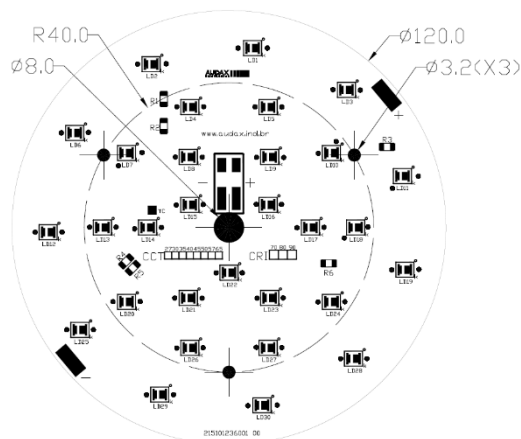


LED TYPE

Manufacturer: Lumileds

LED Series: Luxeon 3030

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 40W 220-240VAC ([EIP040C0700L1](#))

