

LIGHT ENGINE 560 x 20mm 2.200lm

Issue Date	Oct - 2018
Issued by	Bitencourt E.

Application

- Troffers
- Batten
- Retrofit T8
- Retrofit HO
- Linear Fixtures

Characteristics

- Module Efficacy – up to 140 lm/W
- L70 > 60.000 hours
- CRI > 80 (Typ.85)
- 03 SDCM
- CCTs 3.000K / 4.000K / 5.000K
- 05 years warranty



DRIVE CURRENTS

Parameter	Nominal	Max
Light Engine 560x20 2.200 lm	350 mA	400 mA

MODULE TEMPERATURES

Parameter	Nominal	Max
Tc (case temperature at Tc point)	75 °C	85 °C

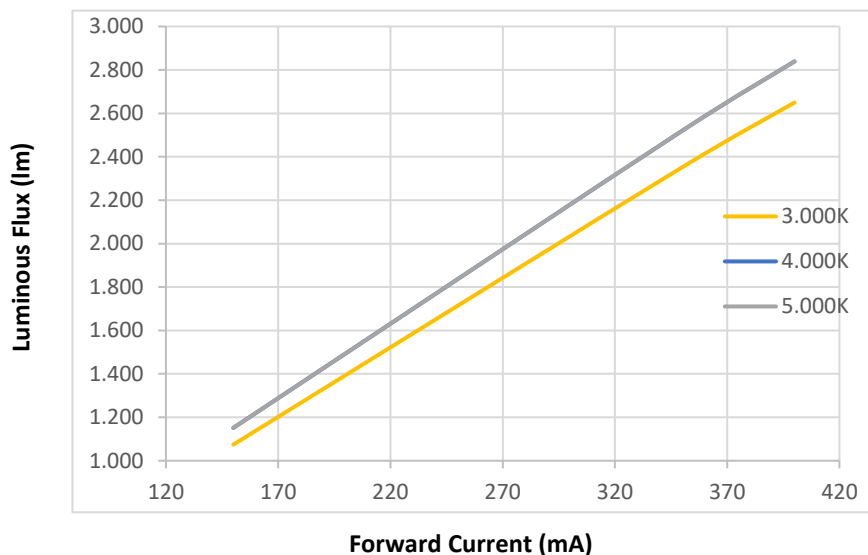
PRODUCT PART NUMBER

80157800100	80157900100	80158000100
3.000 K	4.000 K	5.000 K

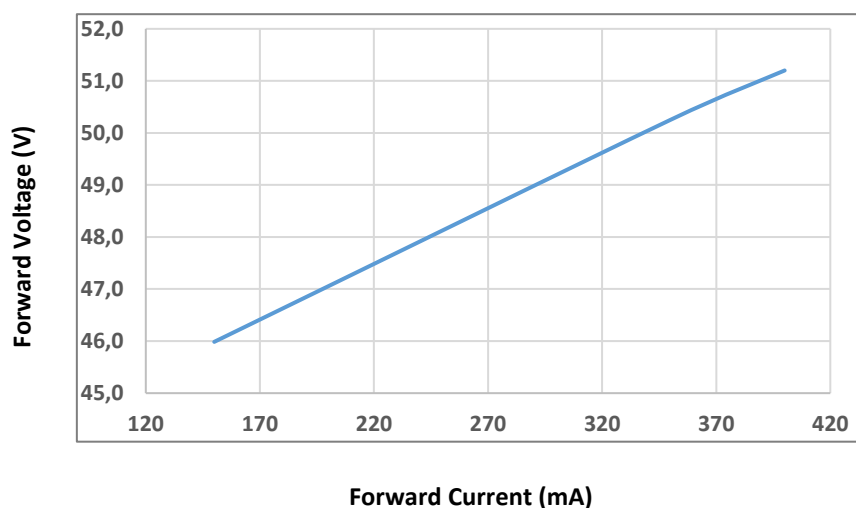
TECHNICAL INFORMATION

CCT	LED Driver Current (mA)	# LEDs	Luminous Flux (lm)	Forward Voltage (V)	LED Forward Current (mA)	TC (°C)	Power (W)	Efficacy (lm/W)
3.000K	150	32	1074,4	45,99	75,00	75	6,9	156
3.000K	350	32	2352,1	50,25	175,00	75	17,6	134
3.000K	400	32	2649,8	51,20	200,00	75	20,5	129
4.000K	150	32	1151,2	45,99	75,00	75	6,9	167
4.000K	350	32	2520,1	50,25	175,00	75	17,6	143
4.000K	400	32	2839,1	51,20	200,00	75	20,5	139
5.000K	150	32	1151,2	45,99	75,00	75	6,9	167
5.000K	350	32	2520,1	50,25	175,00	75	17,6	143
5.000K	400	32	2839,1	51,20	200,00	75	20,5	139

Luminous Flux (lm) x Forward Current (mA) (TC 75°C)



Forward Voltage (V) x Forward Current (mA) (TC 75°C)



LED TYPE

Manufacturer: Lumileds Company

LED Series: LUXEON 2835C 3V

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 (EIP040C0700L1)

