

LIGHT ENGINE 280 x 20mm 1.100lm

Issue Date	Ago - 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 280 x 20 1.100 lm	350 mA	450mA

MODULE TEMPERATURES

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

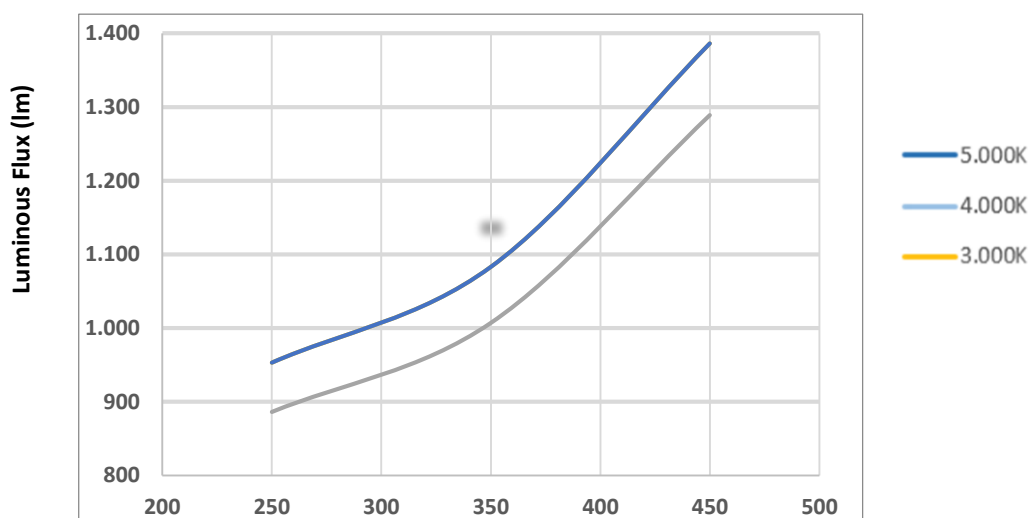
PRODUCT PART NUMBER

80156000100	80156100100	80156200100
3.000 K	4.000 K	5.000 K

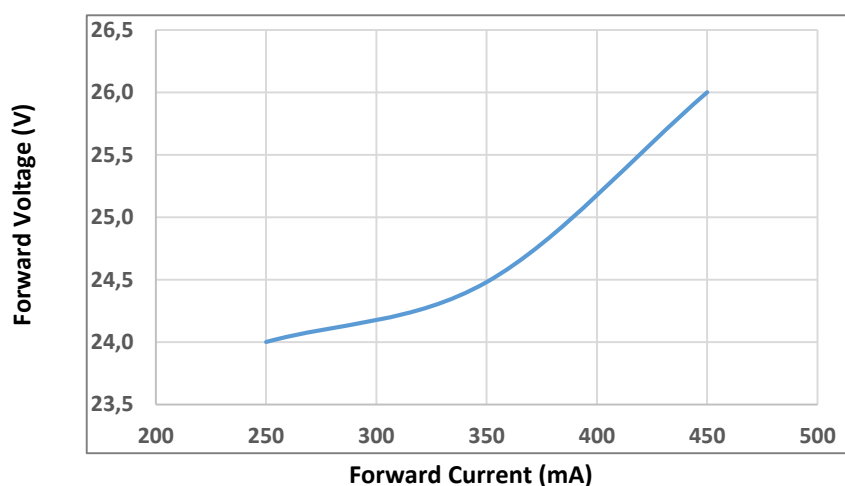
TECHNICAL INFORMATION

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	250	16	886	24,0	125,00	75	6,0	148
3.000 K	350	16	1.007	24,5	175,00	75	8,6	118
3.000 K	450	16	1.289	26,0	225,00	75	11,7	110
4.000 K	250	16	953	24,0	125,00	75	6,0	159
4.000 K	350	16	1.083	24,5	175,00	75	8,6	126
4.000 K	450	16	1.386	26,0	225,00	75	11,7	118
5.000 K	250	16	953	24,0	125,00	75	6,0	159
5.000 K	350	16	1.083	24,5	175,00	75	8,6	126
5.000 K	450	16	1.386	26,0	225,00	75	11,7	118

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 (EIP021C0700L2)

