

LIGHT ENGINE 280 x 20mm 890lm

Issue Date	Ago - 2018
Issued by	Bitencourt E.

Application

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

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 20 890 lm	350 mA	450mA

MODULE TEMPERATURES

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

PRODUCT PART NUMBER

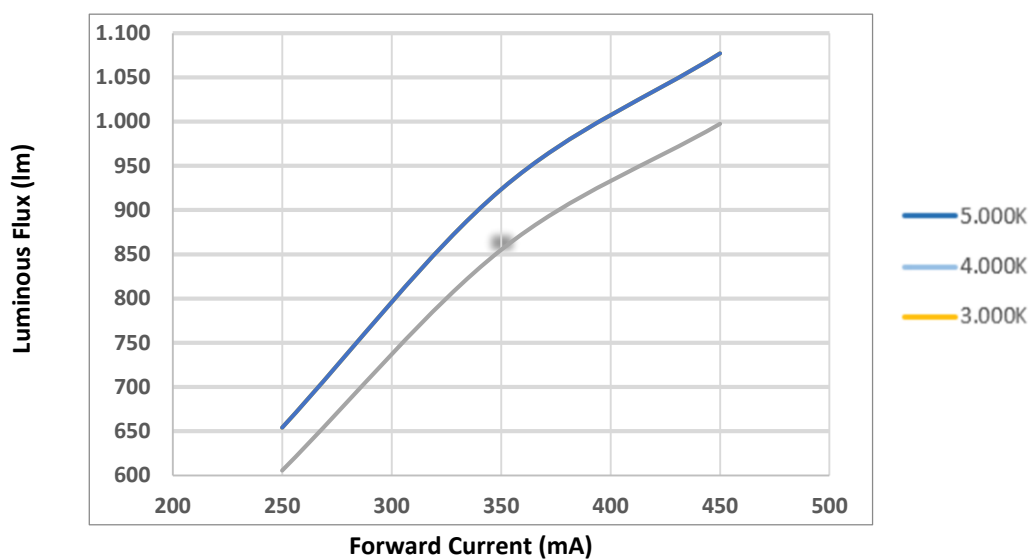
80152400100	80152500100	80152600100
3.000 K	4.000 K	5.000 K

TECHNICAL INFORMATION

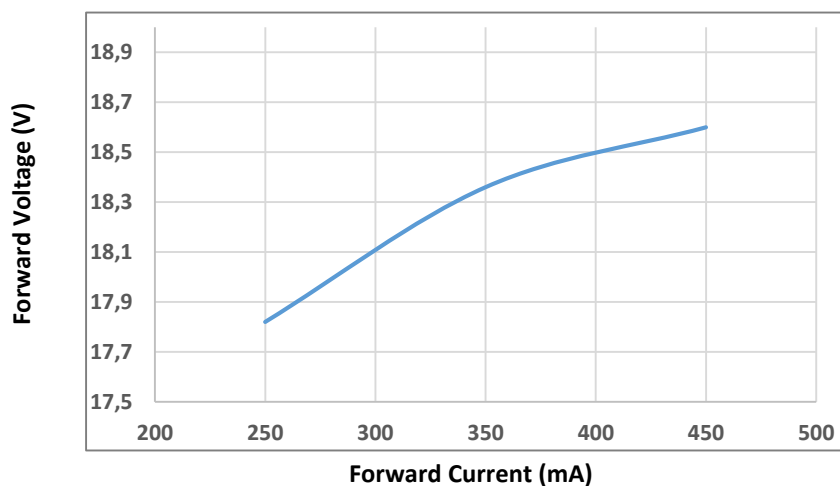
CCT	LED Driver Current (mA)	# LEDs	Luminous Flux (lm)	Forward Voltage (V)	LED Forward Current (mA)	TC (°C)	Power (W)	Efficacy (lm/W)
3.000 K	250	30	606	17,8	50,00	75	4,5	136
3.000 K	350	30	855	18,4	70,00	75	6,4	133
3.000 K	450	30	998	18,6	90,00	75	8,4	119
4.000 K	250	30	654	17,8	50,00	75	4,5	147
4.000 K	350	30	923	18,4	70,00	75	6,4	144
4.000 K	450	30	1.077	18,6	90,00	75	8,4	129
5.000 K	250	30	654	17,8	50,00	75	4,5	147
5.000 K	350	30	923	18,4	70,00	75	6,4	144
5.000 K	450	30	1.077	18,6	90,00	75	8,4	129

TECHNICAL GRAPHS

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



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

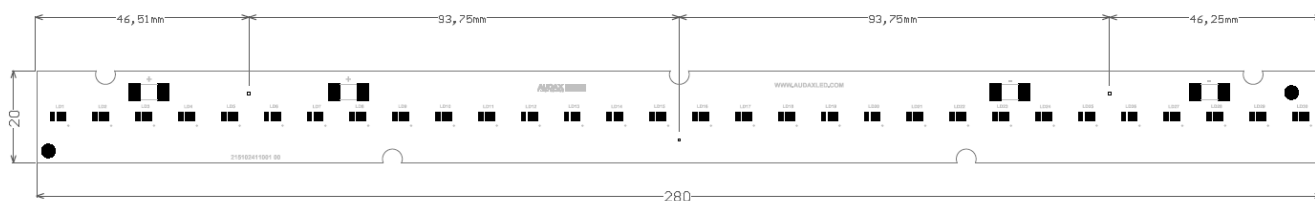


LED TYPE

Manufacturer: Lumileds Company

LED Series: LUXEON 2835E 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)

