

LIGHT ENGINE 406 x 6mm 2300lm (16")

Issue Date	Jul - 2018
Issued by	Bitencourt E.

Applications

- Linear Fixture
- Profiles

Characteristics

- Module Efficacy – up to 127lm/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 Linear Ultra Slim	700 mA	700 mA

MODULE TEMPERATURES

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

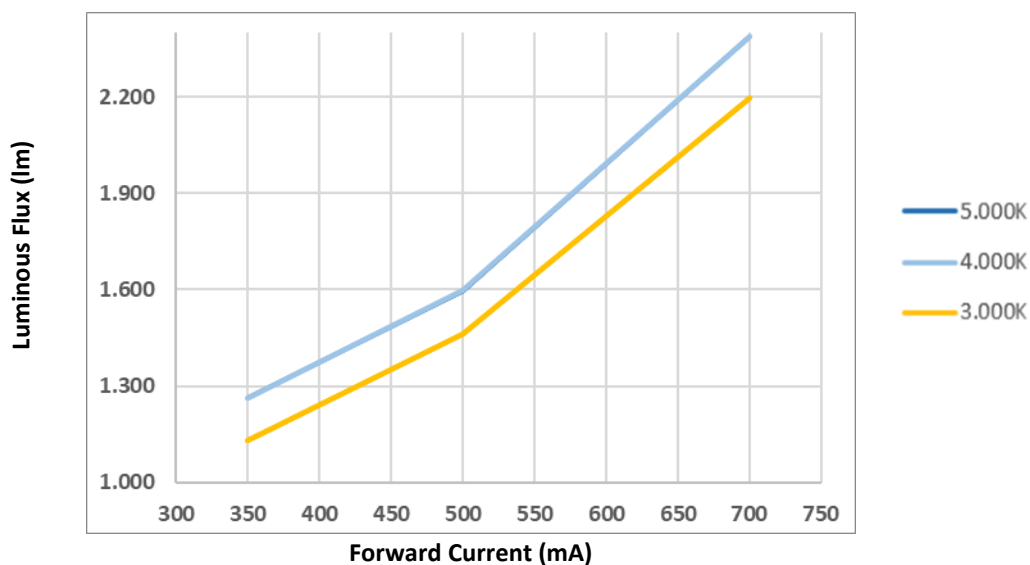
PRODUCT PART NUMBER

80162200100	80162300100	80162400100
3.000 K	4.000 K	5.000 K

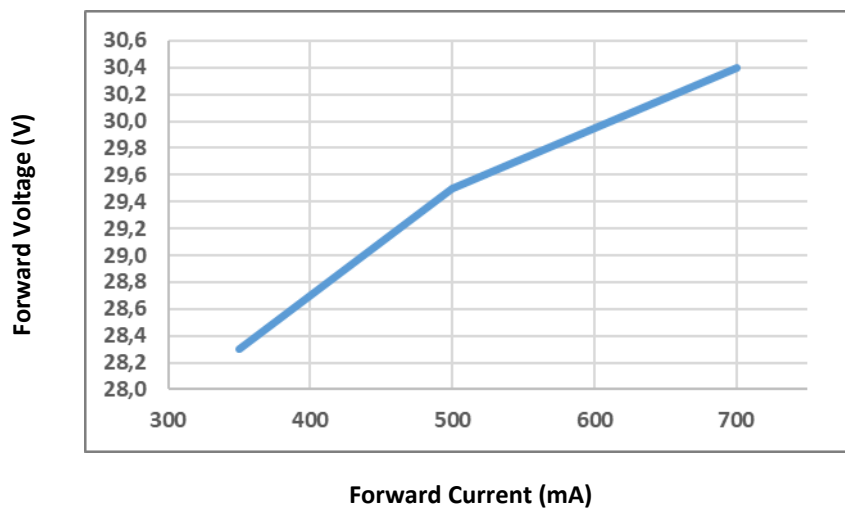
TECHNICAL INFORMATION

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	70	1.130	28.3	50,00	60	9.9	114
3.000 K	500	70	1.463	29.5	71,43	60	14.7	99
3.000 K	700	70	2.198	30.4	100,00	60	21.3	103
4.000 K	350	70	1.263	28.3	50,00	60	9.9	127
4.000 K	500	70	1.596	29.5	71,43	60	14.7	108
4.000 K	700	70	2.387	30.4	100,00	60	21.3	112
5.000 K	350	70	1.263	28.3	50,00	60	9.9	127
5.000 K	500	70	1.596	29.5	71,43	60	14.7	108
5.000 K	700	70	2.387	30.4	100,00	60	21.3	112

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



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

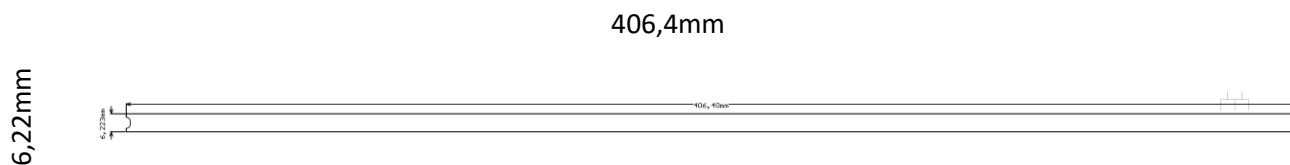


LED TYPE

Manufacturer: Luminus

LED Series: 2016

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 ENGINE: LED DRIVER 30W 220-240VAC ([EWP030C0700LER](#))