

LIGHT ENGINE 2X6 FIT

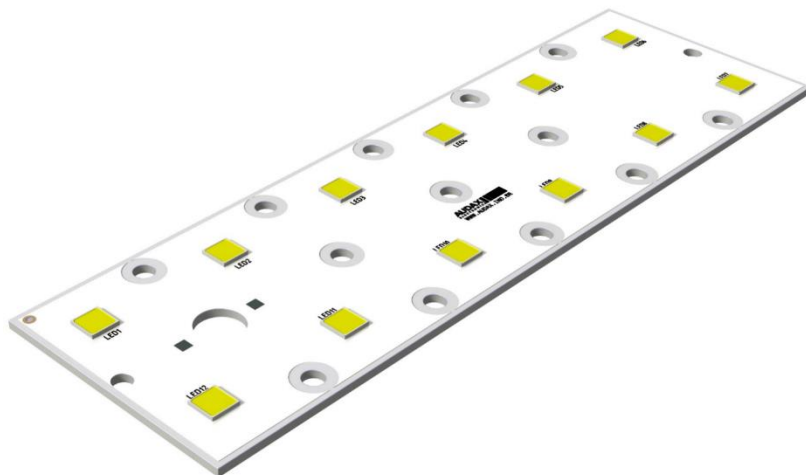
Issue Date	July, 2019
Issued by	Malassise, V.

Applications

- Highbay
- Street Light
- Gas station
- Projectors
- Decorative Poles

Characteristics

- Module Efficacy – up to 190 lm/W
- L70 > 90.000 hours
- CRI > 80 (Typ.85)
- 03 SDCM
- CCTs 2.700K / 4.000K / 5.000K
- 05 years warranty



DRIVE CURRENTS

Parameter	Nominal	Max
Light Engine 2X6 FIT	700 mA	1250 mA

MODULE TEMPERATURES

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

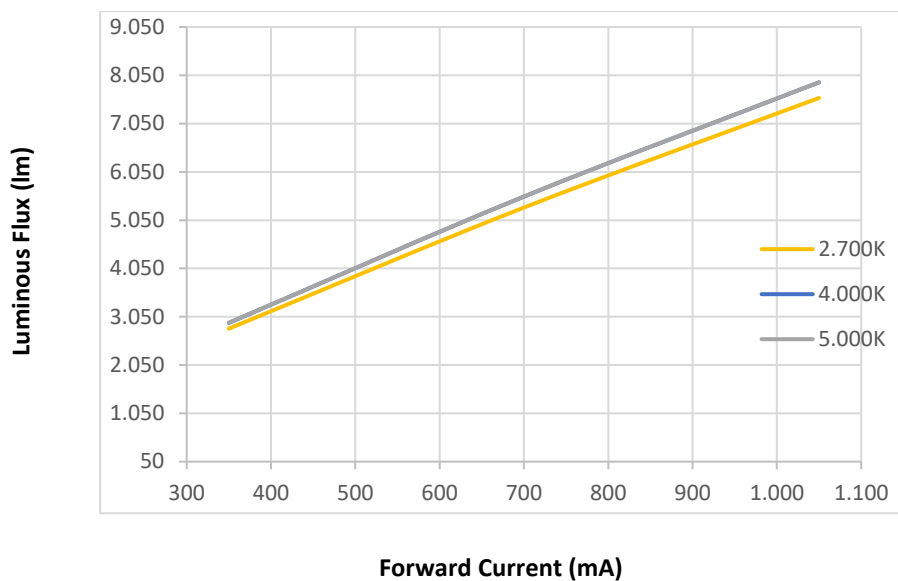
PRODUCT PART NUMBER

80088300100	80088400100	80088500100
2.700 K	4.000 K	5.000 K

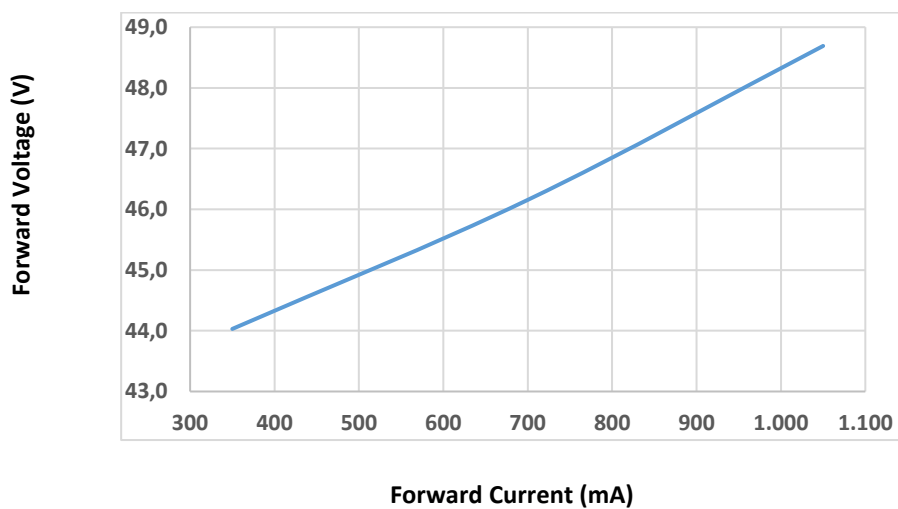
TECHNICAL INFORMATION

CCT	LED Driver Current (mA)	# LEDs	Luminous Flux (lm)	Forward Voltage (V)	LED Forward Current (mA)	Tc (°C)	Power (W)	Efficacy (lm/W)
2.700K	350	12	2804	44,03	58,3	75	15,4	182
2.700K	700	12	5312	46,16	116,7	75	32,3	164
2.700K	1050	12	7581	48,69	175,0	75	51,1	148
4.000K	350	12	2924	44,03	58,3	75	15,4	190
4.000K	700	12	5539	46,16	116,7	75	32,3	171
4.000K	1050	12	7905	48,69	175,0	75	51,1	155
5.000K	350	12	2924	44,03	58,3	75	15,4	190
5.000K	700	12	5539	46,16	116,7	75	32,3	171
5.000K	1050	12	7905	48,69	175,0	75	51,1	155

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



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

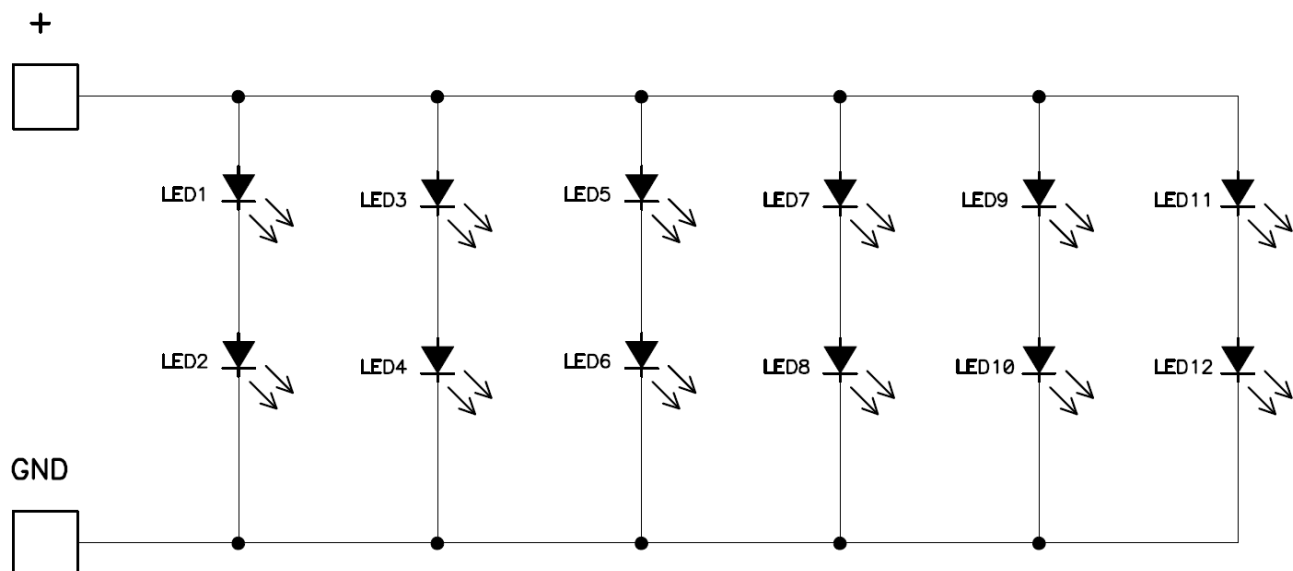


LED TYPE

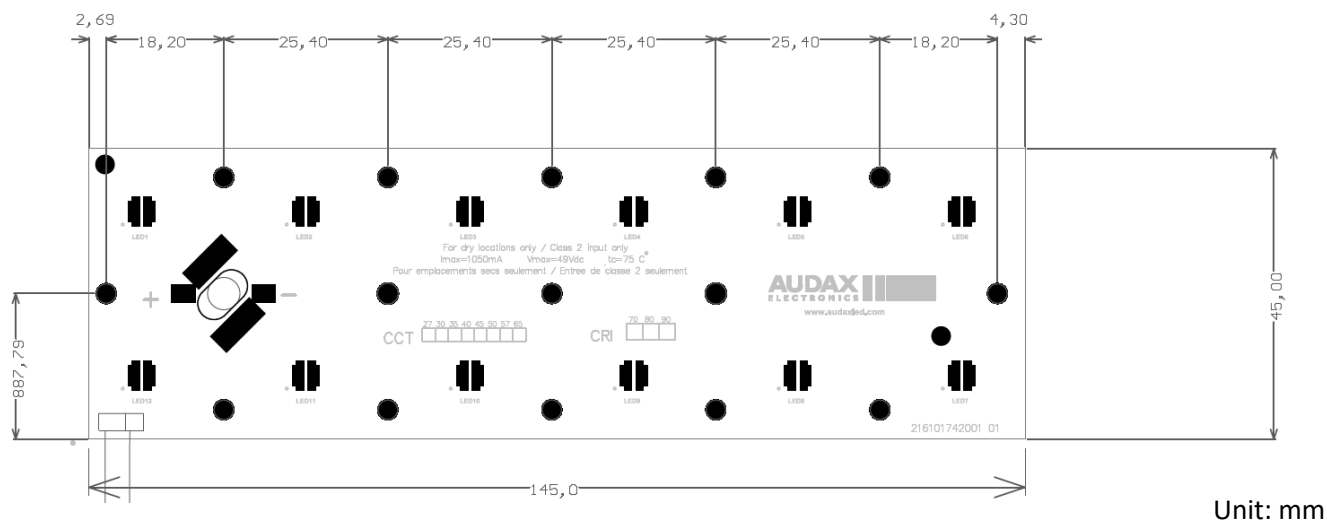
Manufacturer: LUMILEDS

LED Series: Luxeon 5050

SCHEMATICS



MECHANICAL DRAWING



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