

## LIGHT ENGINE 2X8 FIT 488

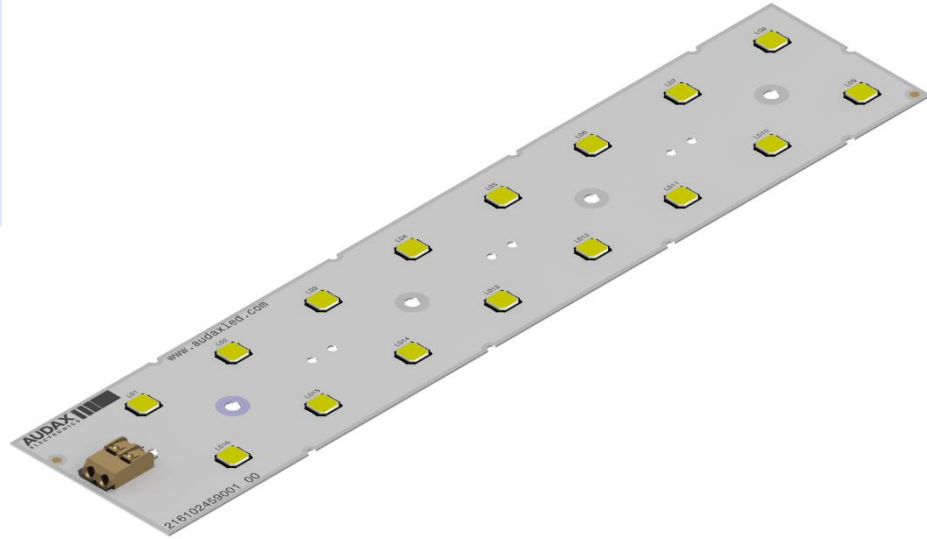
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Issued by	Malassise, V.

### Applications

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

### Characteristics

- Module Efficacy – up to 140 lm/W
- L70 > 50.000 hours
- CRI > 70 (Typ.85)
- 03 SDCM
- CCTs 3.000K / 4.000K / 5.000K
- 05 years warranty



### DRIVE CURRENTS

Parameter	Nominal	Max
Light Engine 2X8 FIT 488	2,800 mA	3,200 mA

### MODULE TEMPERATURES

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

### PRODUCT PART NUMBER

80172000100	80172100100	80172200100
2.700 K	4.000 K	5.000 K

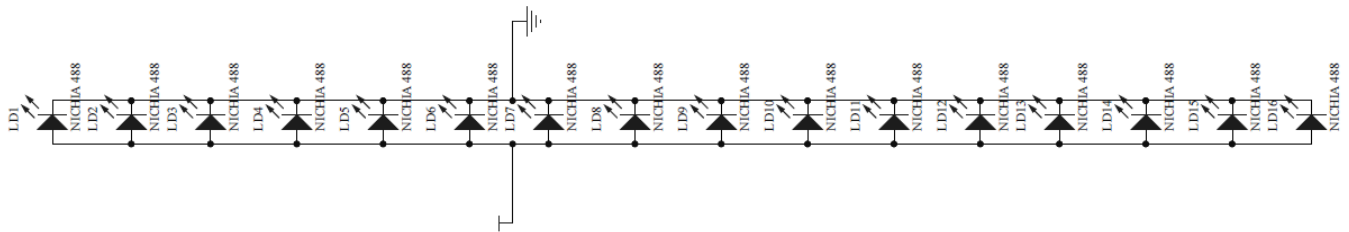
### TECHNICAL INFORMATION

CCT	LED Driver Current (mA)	# LEDs	Luminous Flux (lm)*	Forward Voltage (V)	LED Forward Current (mA)	TC (°C)	Power (W)	Efficacy (lm/W)*
2.700 K	2,800	16	14,591	43.1	175	60	120.6	121
4.000 K	2,800	16	16,894	43.1	175	60	120.6	140
5.000 K	2,800	16	16,894	43.1	175	60	120.6	140

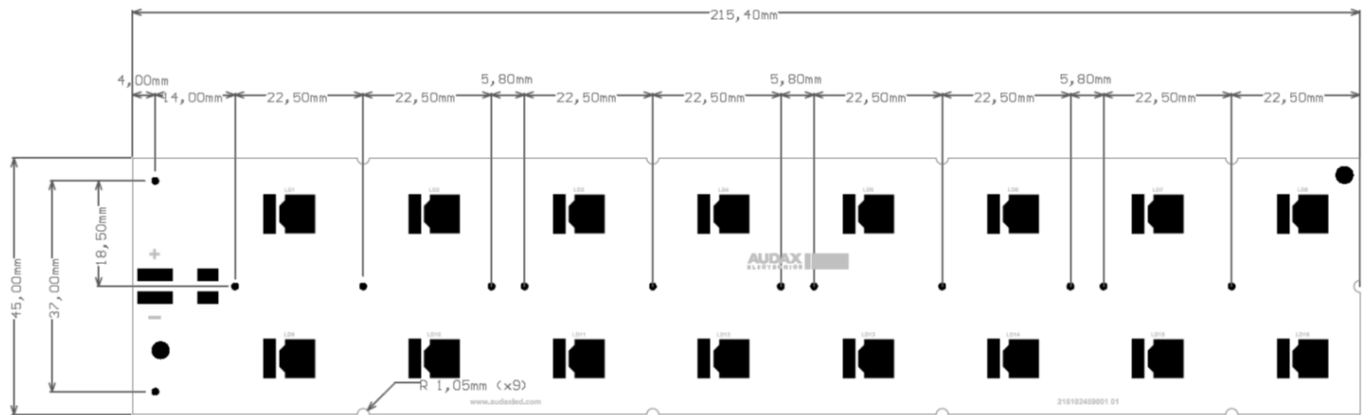
### LED TYPE

Manufacturer: NICHIA

## SCHEMATICS



## MECHANICAL DRAWING



Unit: mm

## WIRING

Specification item	Value	Unit	Condition
Input wire cross- section	0.25...0.75 18...24	mm <sup>2</sup> 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 <sup>2</sup> AWG	Stranded wire
Input wire strip length	7.5...8.5	mm	Stranded wire