

LIGHT ENGINE 2X6 STD

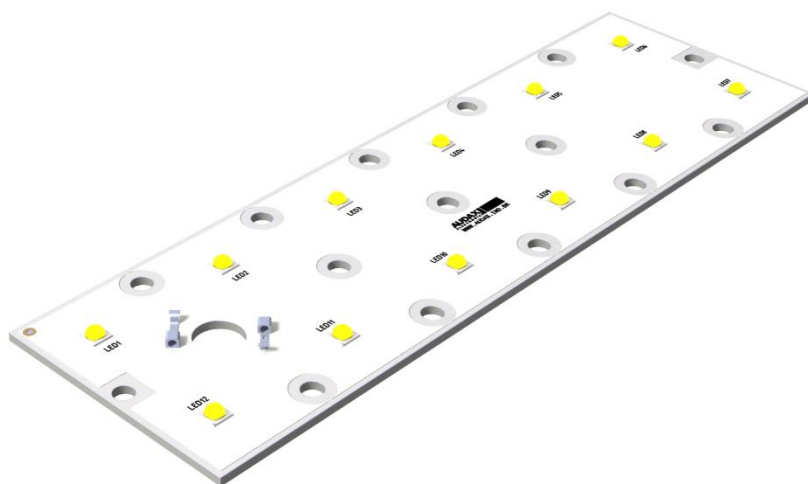
Issue Date	Jul - 2017
Issued by	Wilbur C.

Applications

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

Characteristics

- Module Efficacy – up to 158 lm/W
- L70 > 50.000 hours
- CRI > 80 (Typ.85)
- 03 SDCM
- CCTs 3.000K / 4.000K / 5.000K
- 05 years warranty



DRIVE CURRENTS

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

MODULE TEMPERATURES

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

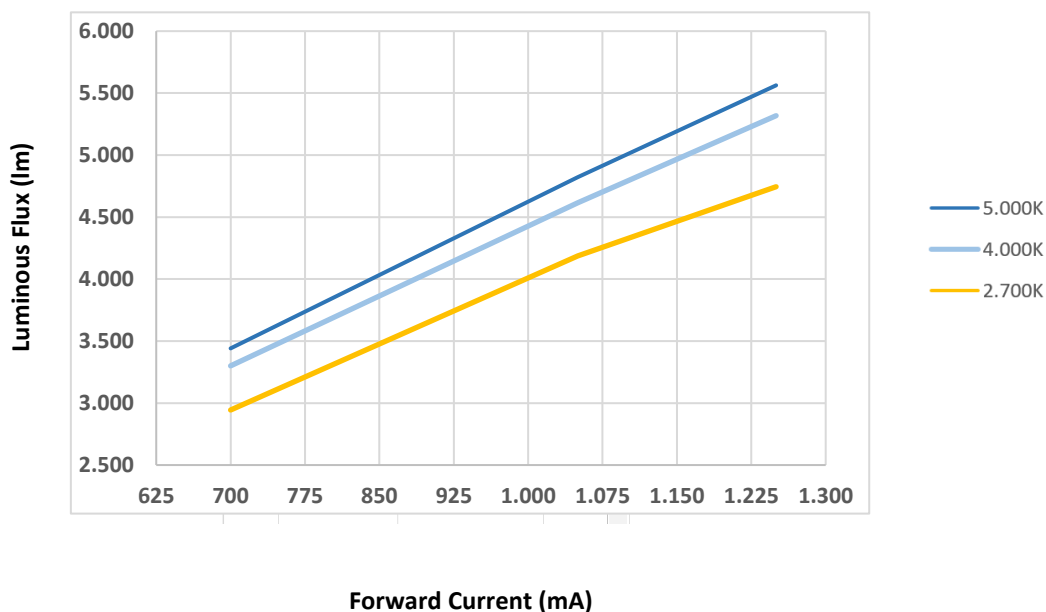
PRODUCT PART NUMBER

80081700100	80081800100	80079100100
2.700 K	4.000 K	5.000 K

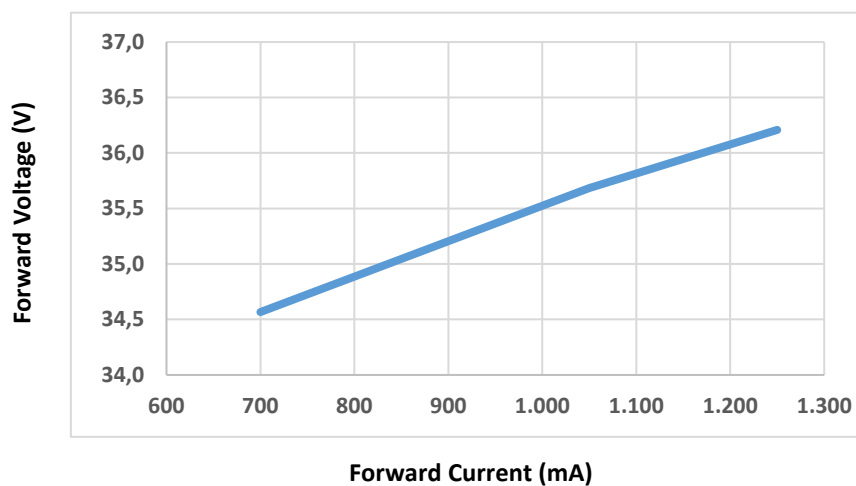
TECHNICAL INFORMATION

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	700	12	2.944	34.5	700	60	24,1	122
2.700 K	1050	12	4.188	35.6	1050	60	37,4	112
2.700 K	1250	12	4.745	36.1	1250	60	45,1	105
4.000 K	700	12	3.300	34.5	700	60	24,1	137
4.000 K	1050	12	4.616	35.6	1050	60	37,4	123
4.000 K	1250	12	5.318	36.1	1250	60	45,1	118
5.000 K	700	12	3.441	34.5	700	60	24,1	143
5.000 K	1050	12	4.822	35.6	1050	60	37,4	129
5.000 K	1250	12	5.563	36.1	1250	60	45,1	123

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



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

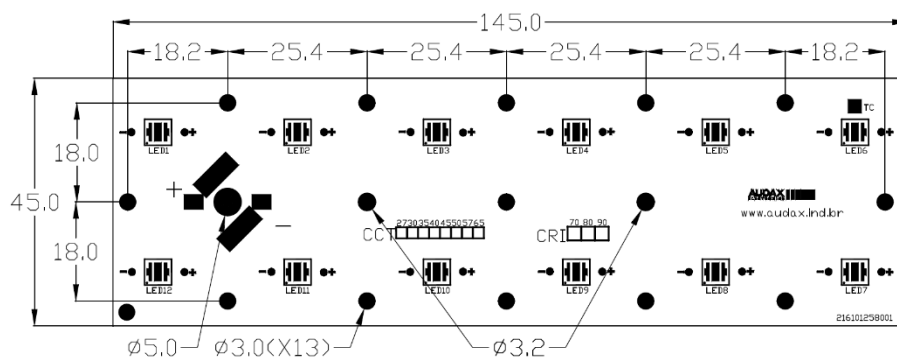


LED TYPE

Manufacturer: Nichia Corporation

LED Series: 219B

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