

LIGHT ENGINE 2X6 DMC

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 2.700K / 4.000K / 5.000K
- 05 years warranty



DRIVE CURRENTS

Parameter	Nominal	Max
Light Engine 2X6 DMC	700 mA	1.250 mA

MODULE TEMPERATURES

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

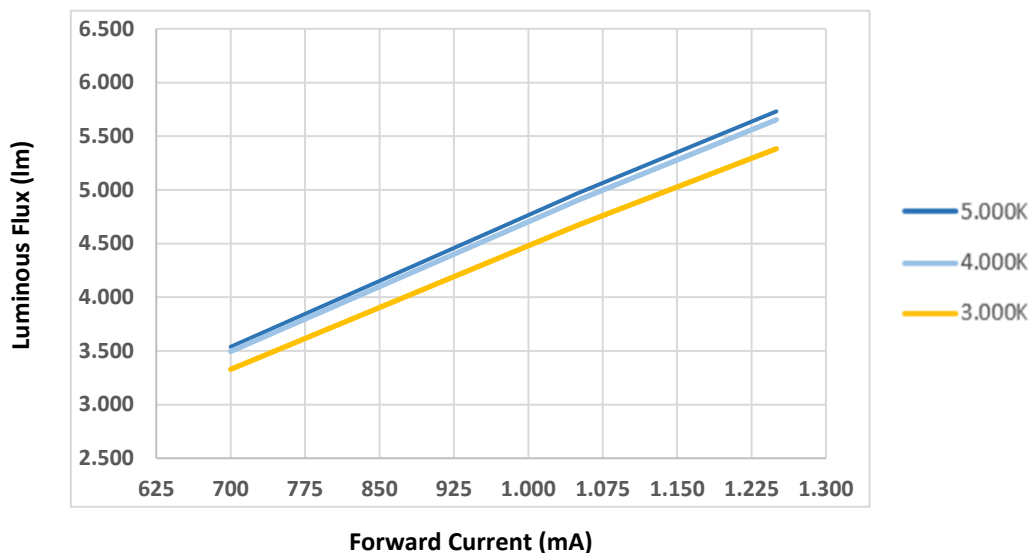
PRODUCT PART NUMBER

80103500100	80103600100	80103700100
2.700 K	4.000 K	5.000 K

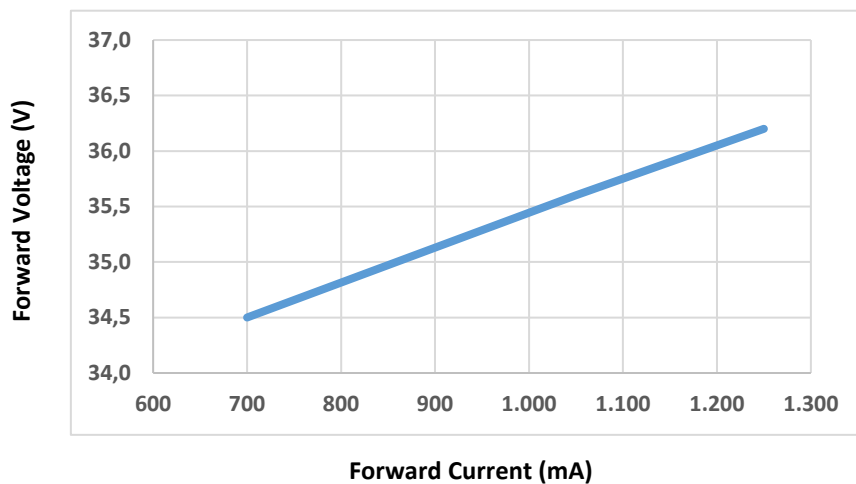
TECHNICAL INFORMATION

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	3.328	34,5	700	60	24,2	138
2.700 K	1.050	12	4.671	35,6	1.050	60	37,4	125
2.700 K	1.250	12	5.383	36,2	1.250	60	45,2	119
4.000 K	700	12	3.495	34,5	700	60	24,2	144
4.000 K	1.050	12	4.905	35,6	1.050	60	37,4	131
4.000 K	1.250	12	5.653	36,2	1.250	60	45,2	125
5.000 K	700	12	3.538	34,5	700	60	24,2	146
5.000 K	1.050	12	4.971	35,6	1.050	60	37,4	133
5.000 K	1.250	12	5.731	36,2	1.250	60	45,2	127

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



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

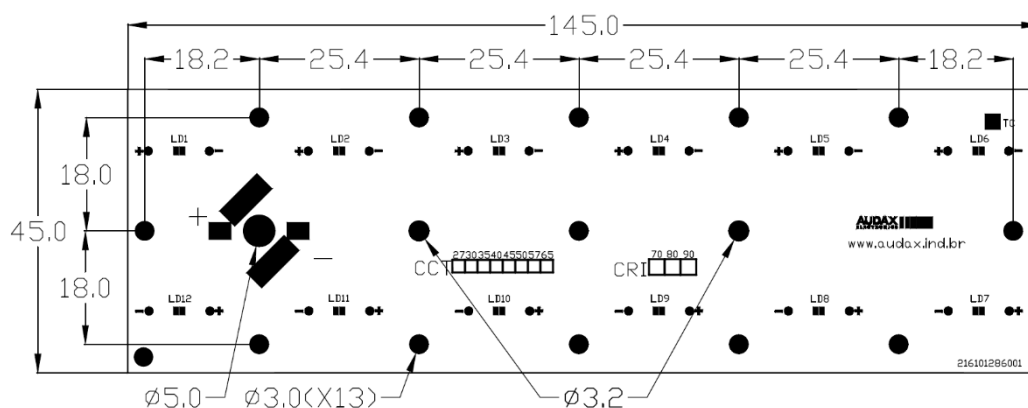


LED TYPE

Manufacturer: Nichia Corporation

LED Series: DMC

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