

LIGHT ENGINE 280 x 280mm 2.200lm

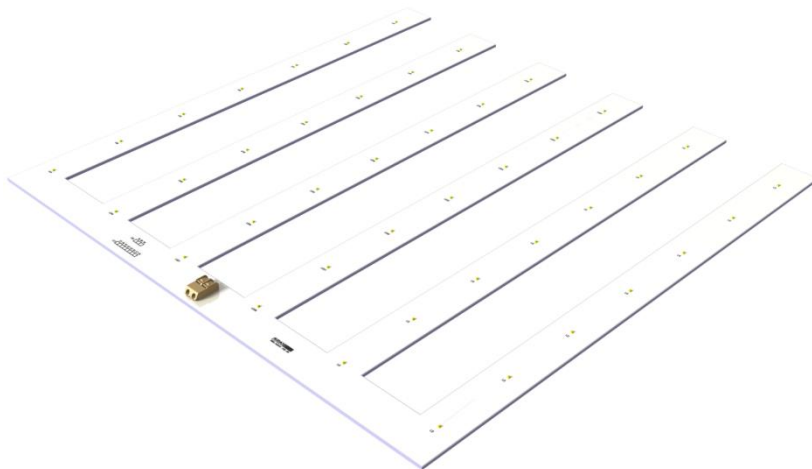
Issue Date	Jul - 2017
Issued by	Wilbur C.

Applications

- Recessed downlights
- Panels

Characteristics

- Module Efficacy – up to 138 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 Squared	700 mA	700 mA

MODULE TEMPERATURES

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

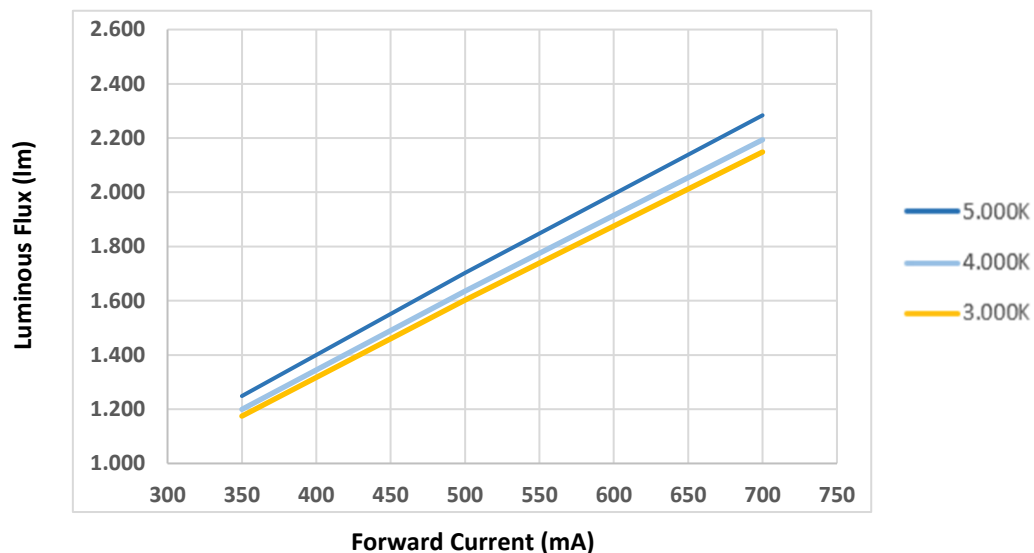
PRODUCT PART NUMBER

80090500100	80090600100	80090700100
3.000 K	4.000 K	5.000 K

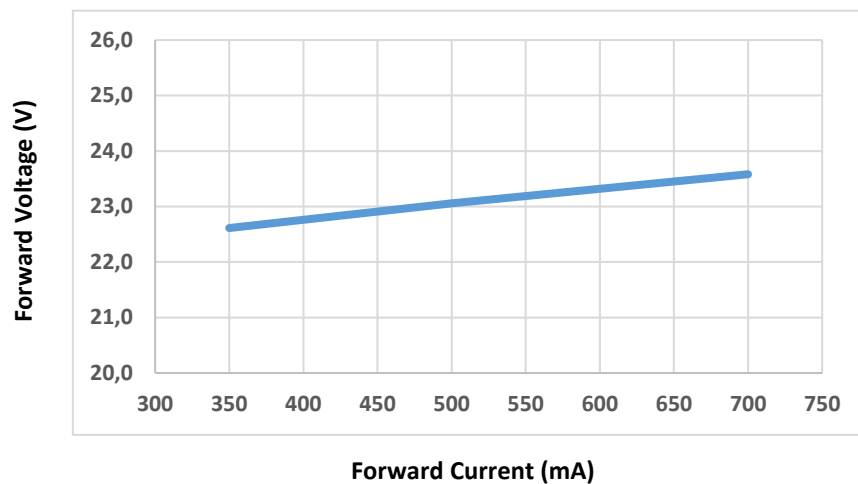
TECHNICAL INFORMATION

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	48	1.175	22,6	58	60	7,9	148
3.000 K	500	48	1.602	23,1	83	60	11,5	139
3.000 K	700	48	2.148	23,6	117	60	16,5	130
4.000 K	350	48	1.199	22,6	58	60	7,9	152
4.000 K	500	48	1.636	23,1	83	60	11,5	142
4.000 K	700	48	2.194	23,6	117	60	16,5	133
5.000 K	350	48	1.249	22,6	58	60	7,9	158
5.000 K	500	48	1.703	23,0	83	60	11,5	148
5.000 K	700	48	2.284	23,6	117	60	16,5	138

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



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

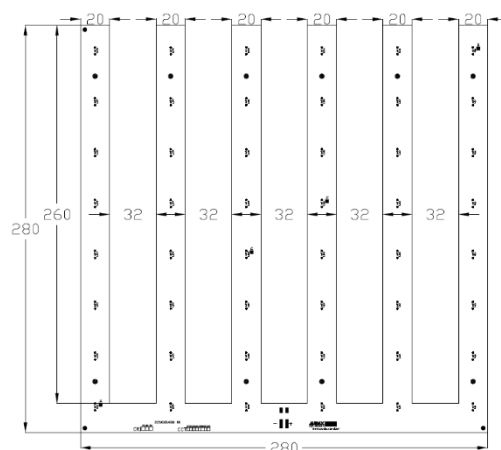


LED TYPE

Manufacturer: Nichia Corporation

LED Series: TART

MECHANICAL DRAWING

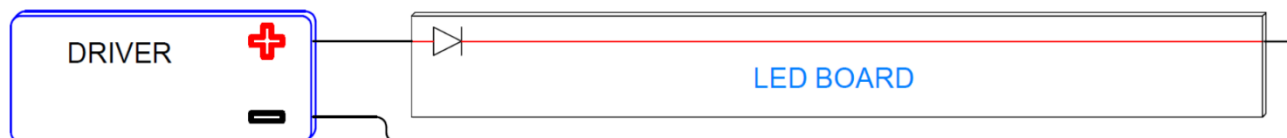


Unit: mm

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 ENGINES: LED DRIVER 21W 220-240VAC (EIP021C0700L2)



DRIVER FOR 2 LIGHT ENGINES: LED DRIVER 40W 220-240VAC (EIP040C0700L1)

