

LIGHT ENGINE 20 LEDs VICTORIA-MINI 5050 Ø150mm

Issue Date	October, 2021
Issued by	Carmo, K.

Applications

- High-bay
- Projectors
- Gas Station

Characteristics

- Module Efficacy – up to 200 lm/W
- L70 > 50,000 hours
- CRI > 70 (Typ.75)
- 03 SDCM
- CCTs 3000K / 4000K / 5000K
- 05 years warranty



DRIVE CURRENTS

Parameter	Nominal	Max
LIGHT ENGINE 20 LEDs VICTORIA-MINI 5050 Ø150mm	1050mA	2880mA

MODULE TEMPERATURES

Parameter	Nominal	Max
Tc (case temperature at Tc point)	75 °C	85 °C

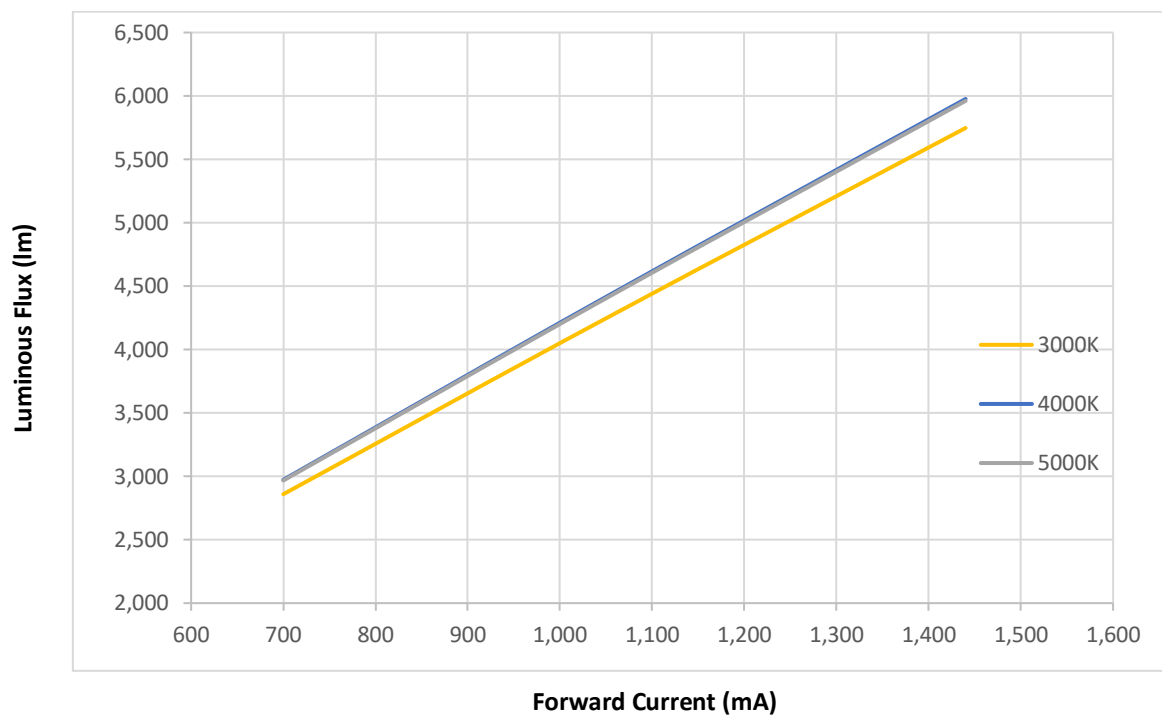
PRODUCT PART NUMBER

80411900100	80412000100	80412100100
3000K	4000K	5000K

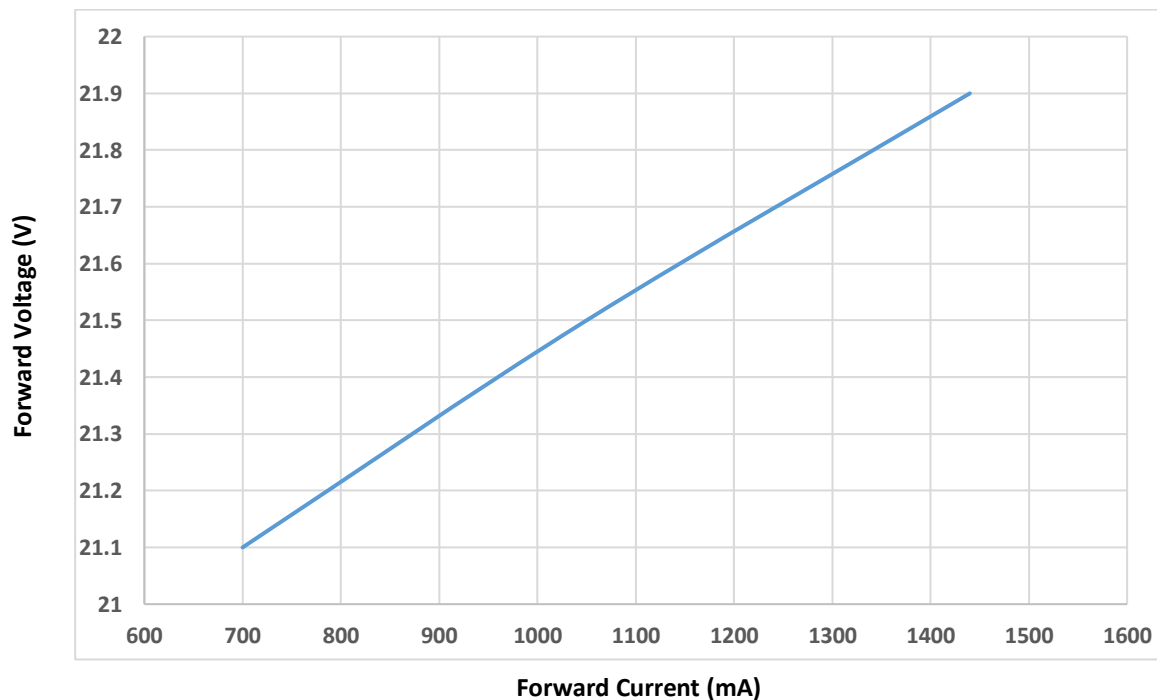
TECHNICAL INFORMATION

CCT	LED Driver Current (mA)	# LEDs	Luminous Flux (lm)	Forward Voltage (V)	LED Forward Current (mA)	TC (°C)	Power (W)	Efficacy (lm/W)
3000K	700	20	2,859	21.1	140	75	14.8	193
3000K	1,050	20	4,246	21.5	210	75	22.6	187
3000K	1,440	20	5,747	21.9	288	75	31.5	182
4000K	700	20	2,973	21.1	140	75	14.8	200
4000K	1,050	20	4,415	21.5	210	75	22.6	195
4000K	1,440	20	5,976	21.9	288	75	31.5	189
5000K	700	20	2,967	21.1	140	75	14.8	200
5000K	1,050	20	4,404	21.5	210	75	22.6	194
5000K	1,440	20	5,961	21.9	288	75	31.5	189

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



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

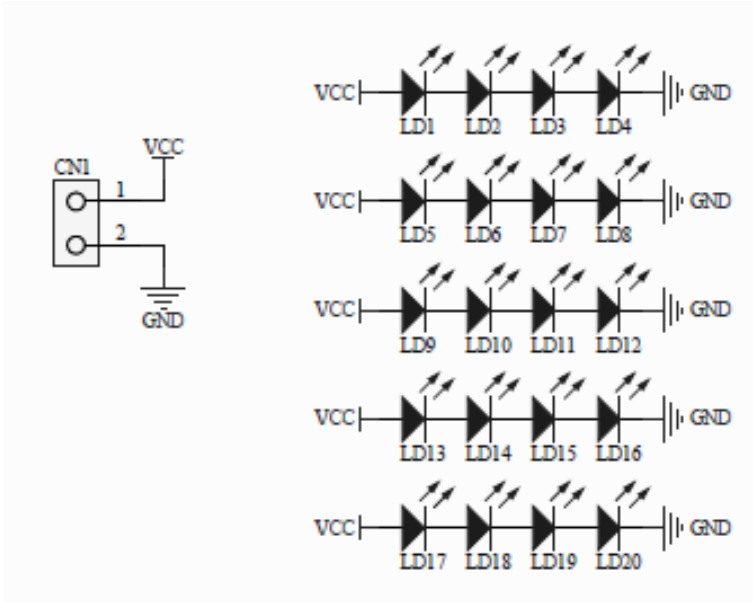


LED TYPE

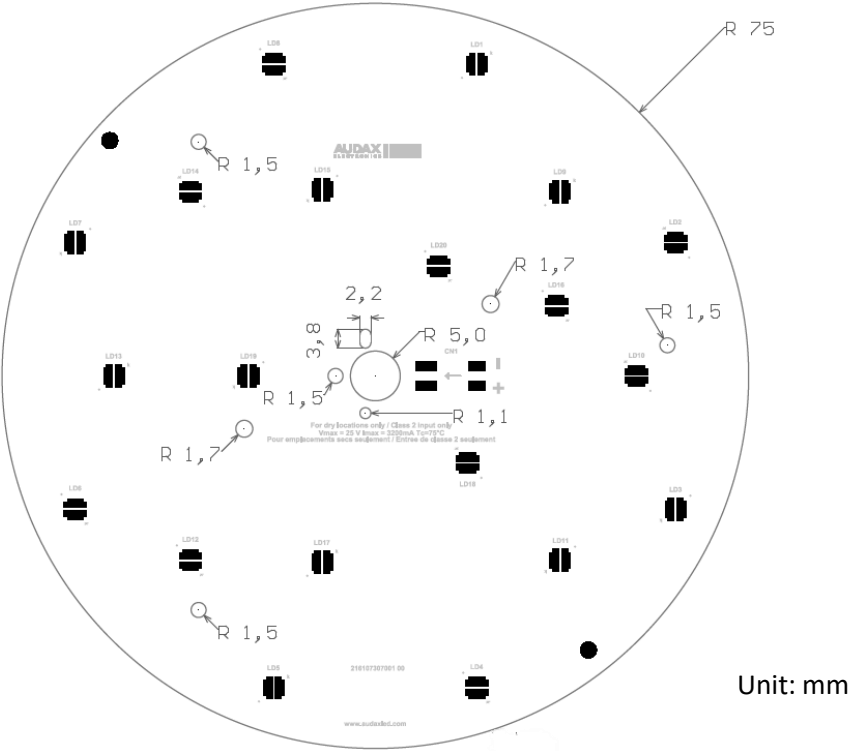
Manufacturer: Lumileds

LED Series: 5050 Square 6V

SCHEMATICS

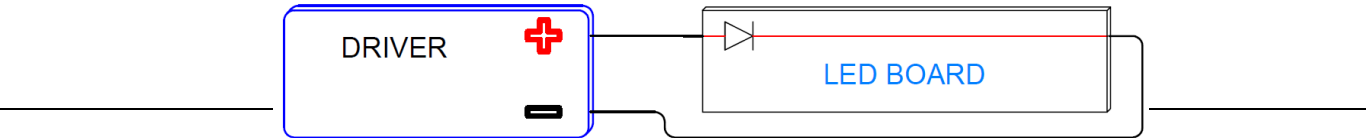


MECHANICAL DRAWING



WIRING

Specification item	Value	Unit	Condition
Input wire cross- section	0.13...0.50 26...20	mm ² AWG	Solid wire
Input wire strip length	5...7	mm	Solid wire
Input wire cross-section	0.13...0.50 26...20	mm ² AWG	Stranded wire
Input wire strip length	5...7	mm	Stranded wire



COMPATIBLE OPTICS

Manufacturer	Part Number	Color	Material	Beam
LEDiL	C17974_VICTORIA-MINI-WWW	Clear	PMMA	~90°
LEDiL	C17975_VICTORIA-MINI-W	Clear	PMMA	~60°
LEDiL	CS17977_VICTORIA-MINI-W	Clear	PMMA	~60°
LEDiL	CS17978_VICTORIA-MINI-WWW	Clear	PMMA	~90°
LEDiL	CS18055_VICTORIA-MINI-W-PC	Clear	PC	~60°
LEDiL	CS18056_VICTORIA-MINI-WWW-PC	Clear	PC	~90°