

LIGHT ENGINE ROUND HP 160 LEDS Ø254mm LEDIL VICTORIA

Issue Date	Apr, 2021
Issued by	Vegner, I.

Applications

- Highbay
- Catenary Lighting
- Gas Station

Characteristics

- Module Efficacy – up to 182 lm/W
- L70 > 50.000 hours
- CRI > 80 (Typ.85)
- 03 SDCM
- CCTs 3,000K / 4,000K / 5,000K
- 05 years warranty



DRIVING CURRENTS

Parameter	Nominal	Max
DC Current Supply	700 mA	1,200 mA

MODULE TEMPERATURES

Parameter	Nominal	Max
Tc (case temperature at Tc point)	75 °C	90 °C

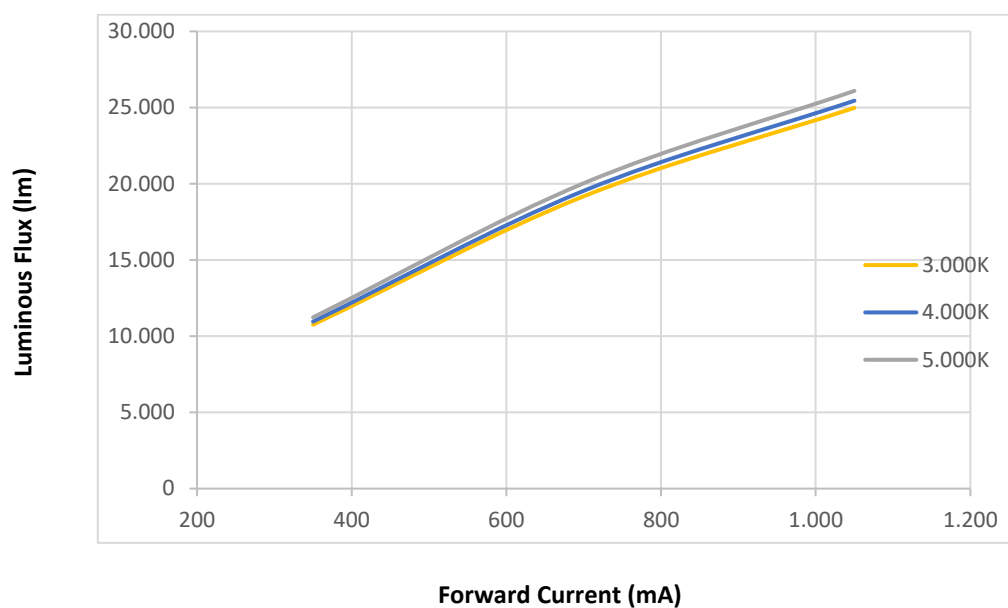
PRODUCT PART NUMBER

80173200100	80173300100	80173400100
3,000 K	4,000 K	5,000 K

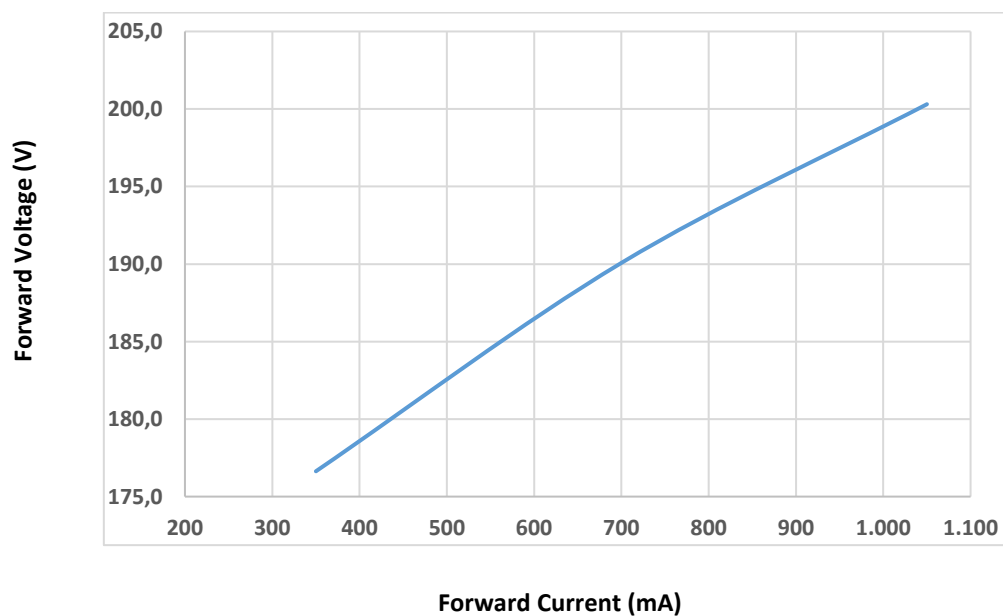
TECHNICAL INFORMATION

CCT	LED Driver Current (mA)	# LEDs	Luminous Flux (lm)	Forward Voltage (V)	LED Forward Current (mA)	TC (°C)	Power (W)	Efficacy (lm/W)
3,000K	350	160	10,757	176.6	70	75	61.8	174
3,000K	700	160	19,179	190.1	140	75	133.1	144
3,000K	1,050	160	24,982	200.3	210	75	210.3	119
4,000K	350	160	10,959	176.6	70	75	61.8	177
4,000K	700	160	19,539	190.1	140	75	133.1	147
4,000K	1,050	160	25,451	200.3	210	75	210.3	121
5,000K	350	160	11,237	176.6	70	75	61.8	182
5,000K	700	160	20,034	190.1	140	75	133.1	151
5,000K	1,050	160	26,097	200.3	210	75	210.3	124

Luminous Flux (lm) x Forward Current (mA)



Forward Voltage (V) x Forward Current (mA)

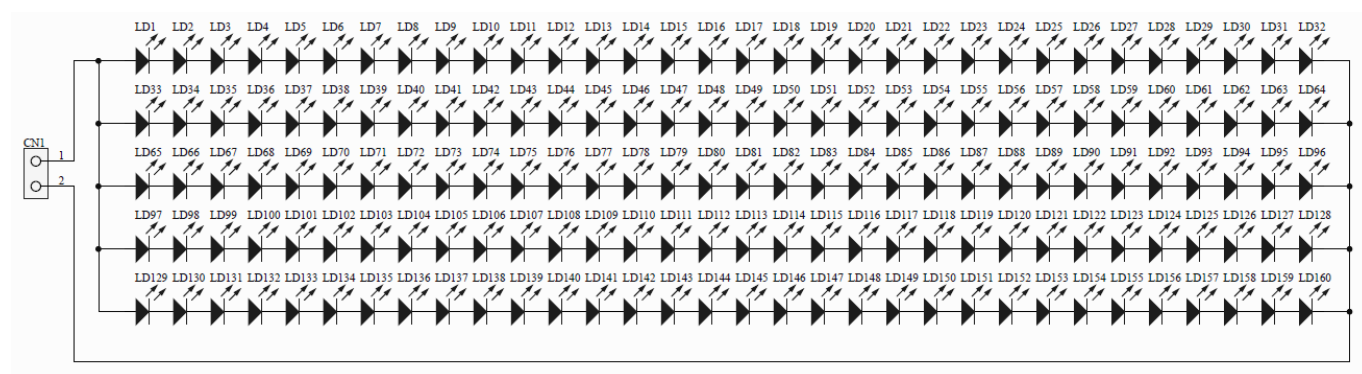


LED TYPE

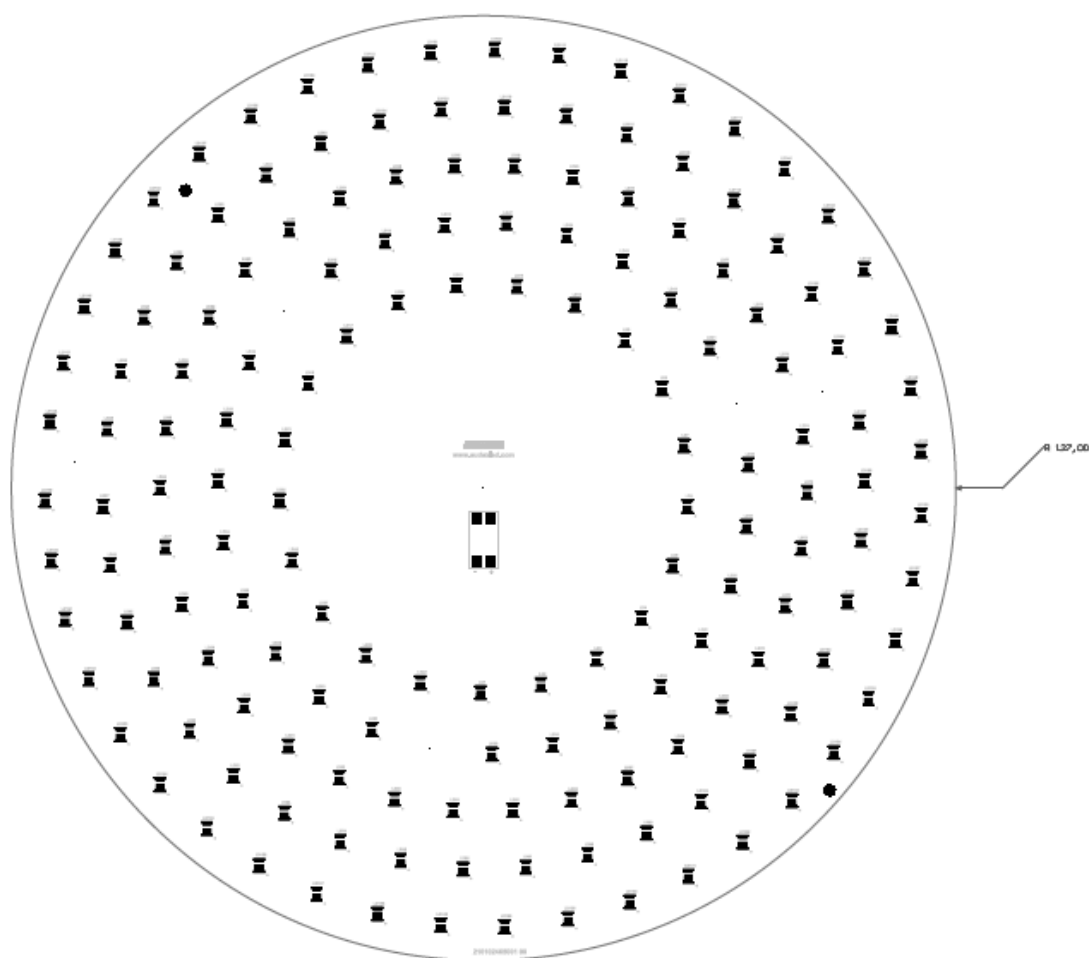
Manufacturer: LUMILEDS

LED Series: L130

SCHEMATICS



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