

LIGHT ENGINE DAISY 112 LEDs 1,140mm x 20mm – Tunable White

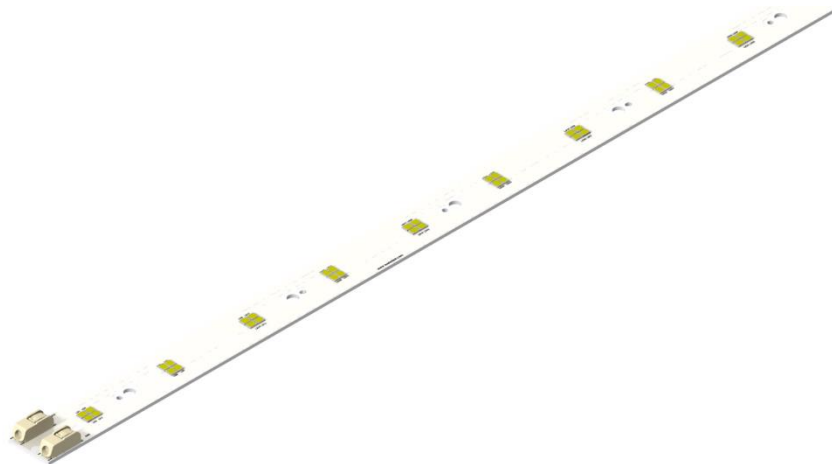
Issue Date	October, 2019
Issued by	Malassise, V.

Applications

- Office Linear Lighting
- Retail Linear Lighting
- UGR Optimized Lighting
- Dark Light

Characteristics

- Module Efficacy – up to 186 lm/W
- L70 > 50.000 hours
- CRI > 80 (Typ.85)
- 03 SDCM
- CCTs 2,700K to 5,000K (Tunable)
- 05 years warranty

**DRIVE CURRENTS**

Parameter	Nominal (per channel)	Max (per channel)
Light Engine Daisy 112 LEDs 1,140mm x 20mm	350 mA	1,050 mA

MODULE TEMPERATURES

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

PRODUCT PART NUMBER

80255200100	
2,700K-5,000K	

TECHNICAL INFORMATION

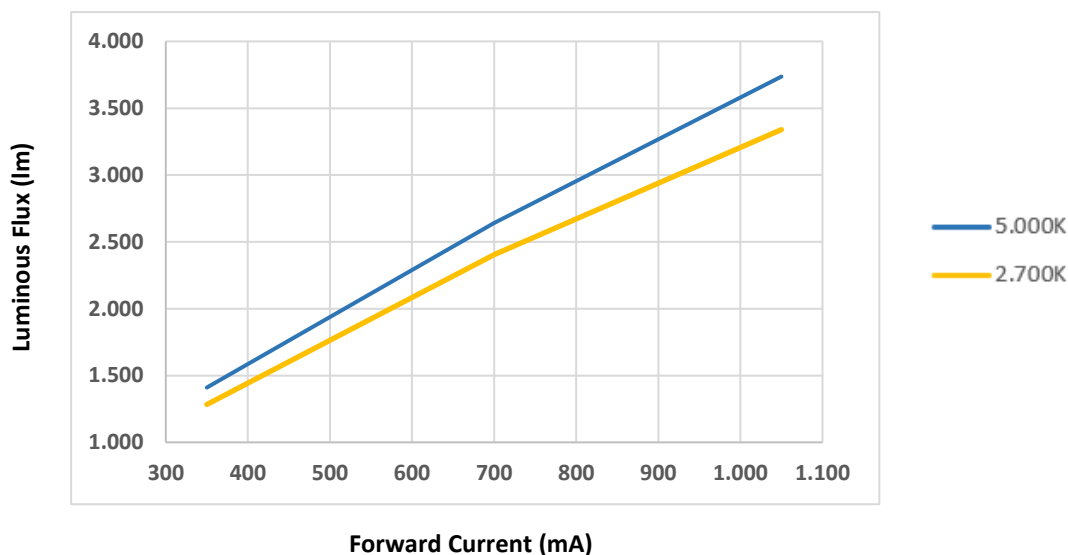
CCT CH 1 & 2	LED Driver Current (mA)	# LEDs	Luminous Flux (lm)*	Forward Voltage (V)	LED Forward Current (mA)	TC (°C)	Power (W)	Efficacy (lm/W)*
2,700 K	350	56	1,283	21.8	50	60	7.6	169
2,700 K	700	56	2,404	23.0	100	60	16.1	149
2,700 K	1,050	56	3,340	24.0	150	60	25.3	132
5,000 K	350	56	1,410	21.8	50	60	7.6	186
5,000 K	700	56	2,641	23.0	100	60	16.1	164
5,000 K	1,050	56	3,737	24.0	150	60	50.5	148

LED TYPE

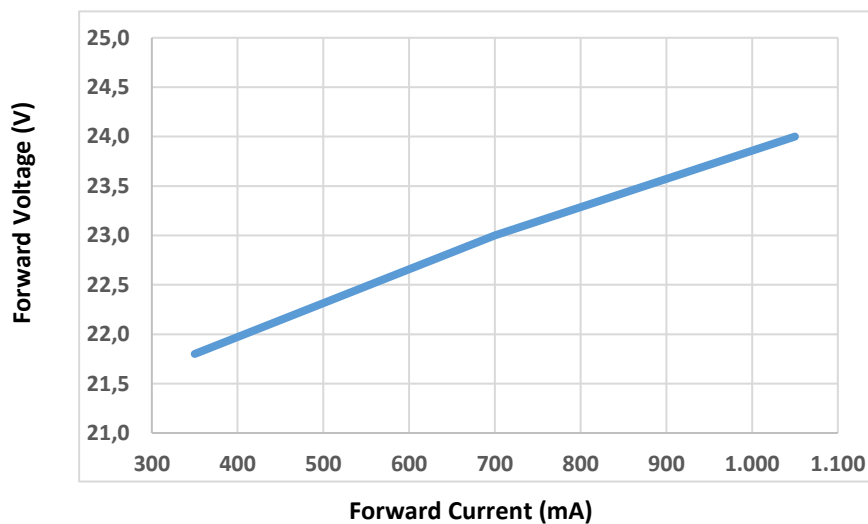
Manufacturer: Lumileds

LED Series: 2835 CA

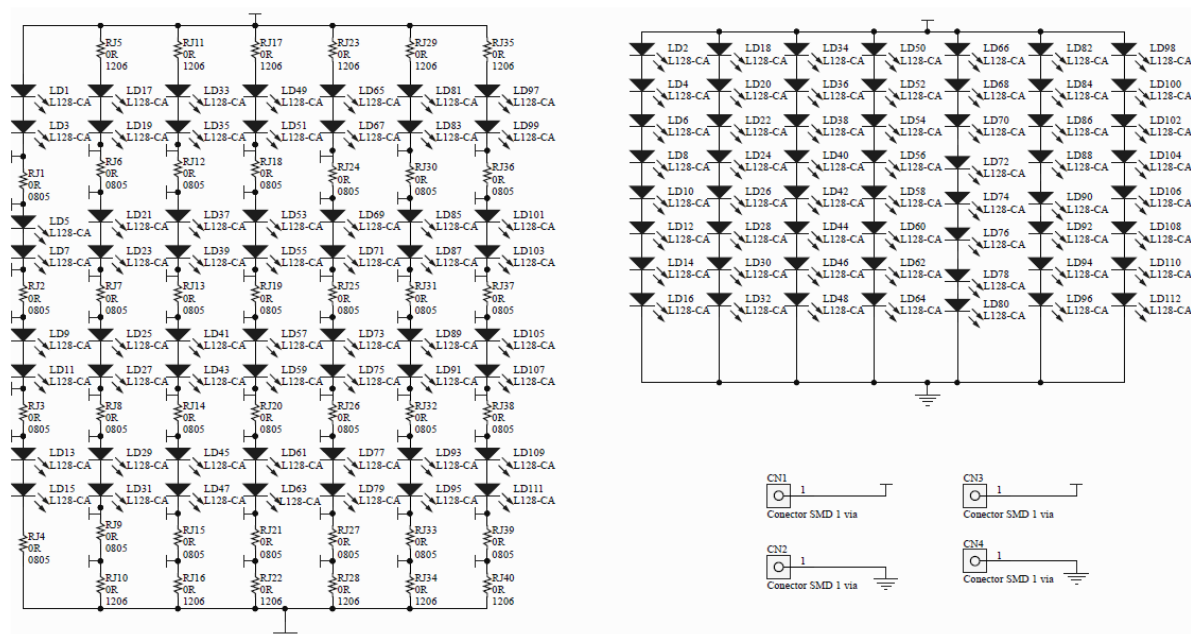
Luminous Flux (lm) x Forward Current (mA) (TC 60°C)



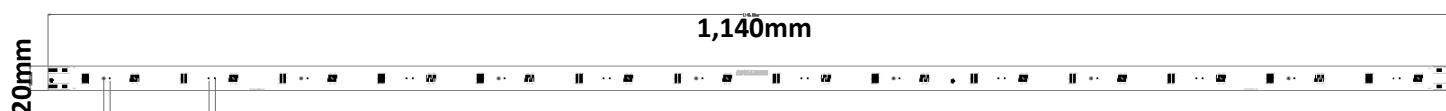
Forward Voltage (V) x Forward Current (mA) (TC 60°C)



SCHEMATICS



MECHANICAL DRAWING

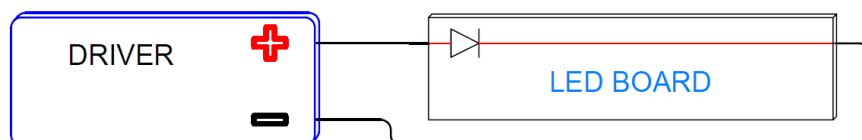


Unit: mm

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

DRIVER FOR 1 LIGHT ENGINE: LED DRIVER 21W 220-240VAC ([EIP021C0700L2](#))



COMPATIBLE OPTICS

Manufacturer	Part Number	Color	Beam
LEDiL	CN16586_DAISSY-28X1-WW	Black	~80°
LEDiL	CN16605_DAISSY-28X1-W	Black	~50°
LEDiL	CN16786_DAISSY-28X1-WW-WHT	White	~80°
LEDiL	CN16787_DAISSY/28X1-W-WHT	White	~50°

