

LIGHT ENGINE DAISY 112 LEDs 1,140mm x 20mm

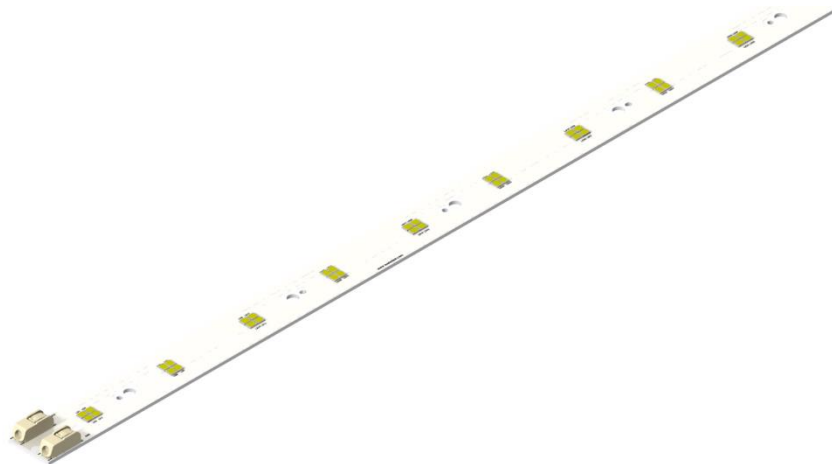
Issue Date	September, 2019
Issued by	Malassise, V.

Applications

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

Characteristics

- Module Efficacy – up to 183 lm/W
- L70 > 50.000 hours
- CRI > 80 (Typ.85)
- 03 SDCM
- CCTs 3,000K / 3,500K / 4,000K
- 05 years warranty

**DRIVE CURRENTS**

Parameter	Nominal	Max
Light Engine Daisy 112 LEDs 1,140mm x 20mm	700 mA	2,100 mA

MODULE TEMPERATURES

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

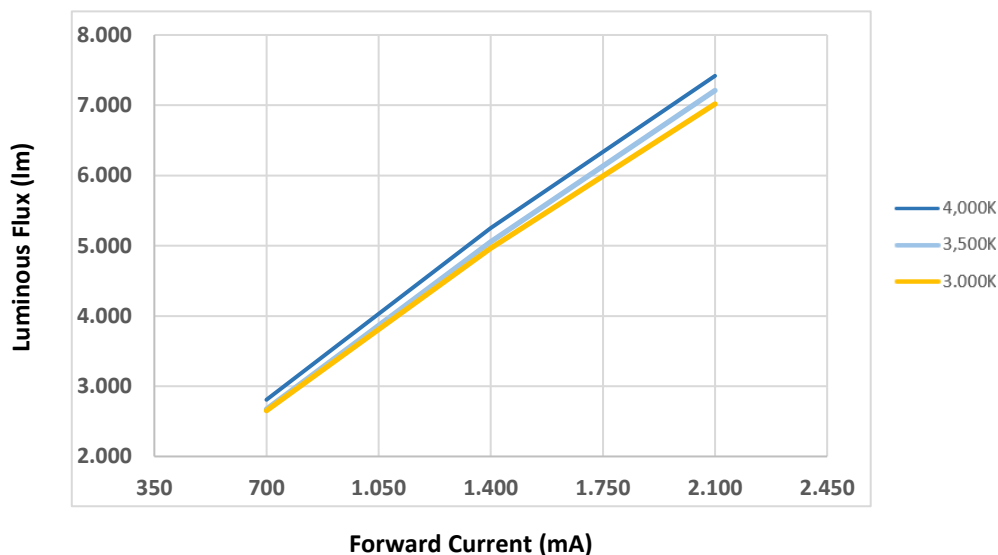
PRODUCT PART NUMBER

80210500100	80210900100	80210600100
3,000 K	3,500 K	4,000 K

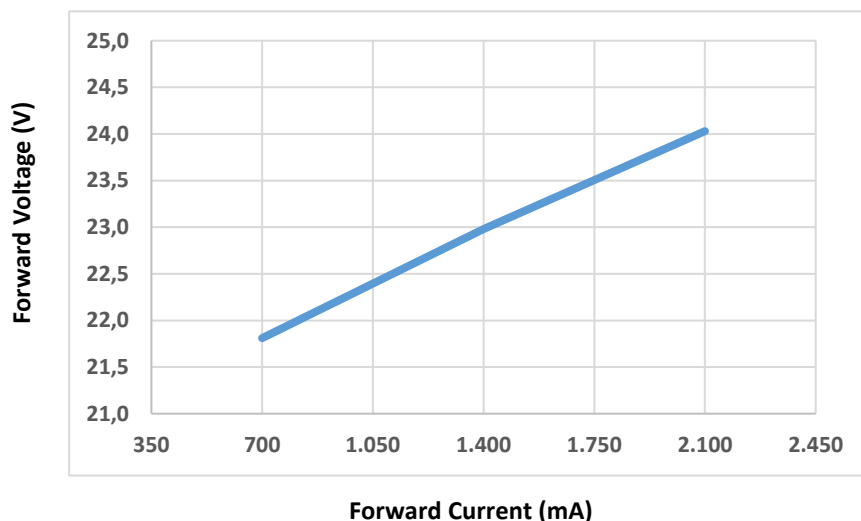
TECHNICAL INFORMATION

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	700	112	2,652	21.8	50	60	15.3	173
3,000 K	1,400	112	4,962	23.0	100	60	32.2	154
3,000 K	2,100	112	7,018	24.0	150	60	50.5	139
3,500 K	700	112	2,673	21.8	50	60	15.3	175
3,500 K	1,400	112	5,057	23.0	100	60	32.2	157
3,500 K	2,100	112	7,210	24.0	150	60	50.5	143
4,000 K	700	112	2,807	21.8	50	60	15.3	183
4,000 K	1,400	112	5,250	23.0	100	60	32.2	163
4,000 K	2,100	112	7,418	24.0	150	60	50.5	147

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



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

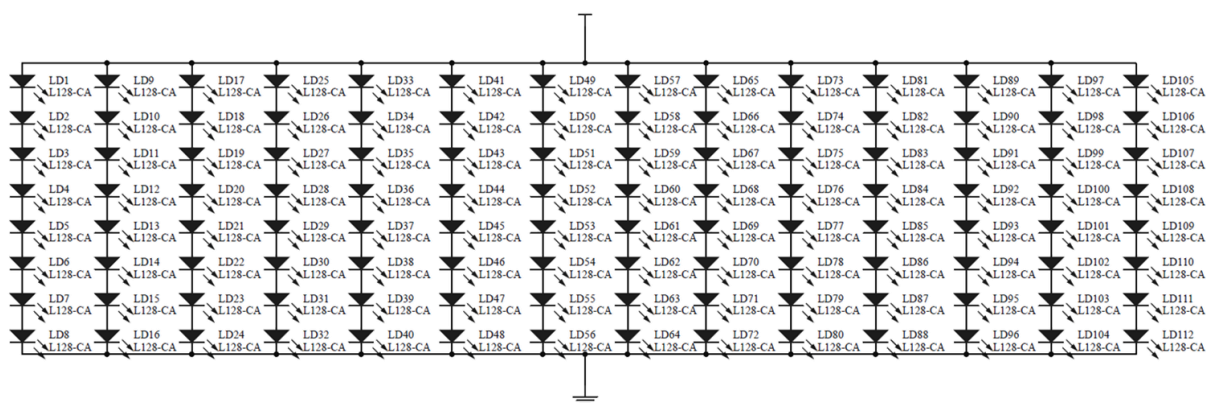


LED TYPE

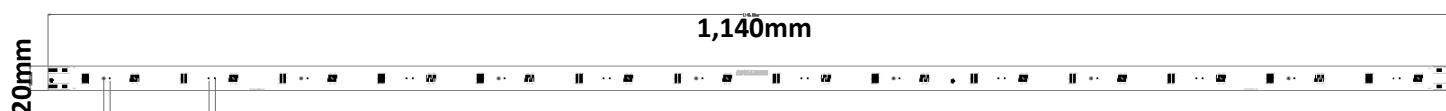
Manufacturer: Lumileds

LED Series: 2835 CA

SCHEMATICS



MECHANICAL DRAWING

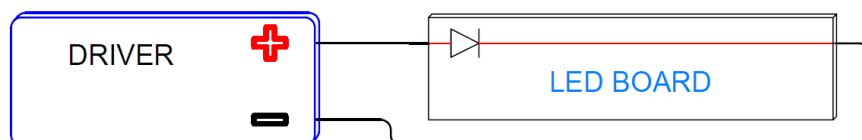


Unit: mm

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°

