

LIGHT ENGINE DAISY-MINI 14x1 28 LEDs 284mm x 20mm

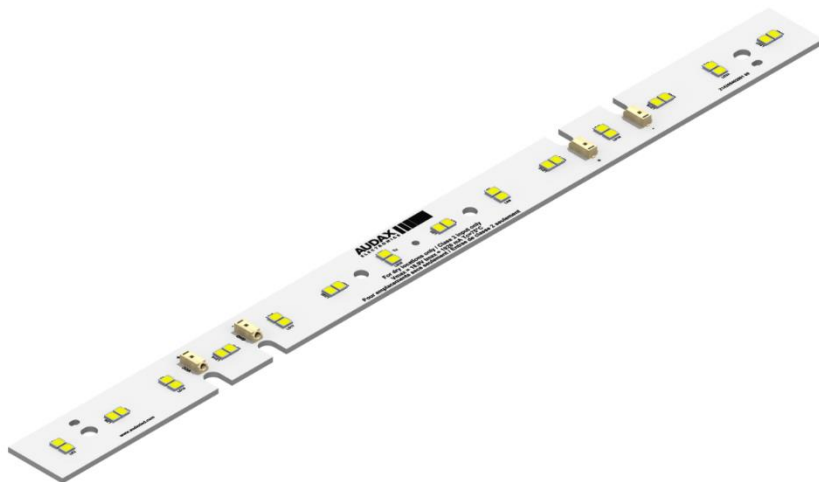
Issue Date	July, 2020
Issued by	Malassise, V.

Applications

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

Characteristics

- Module Efficacy – up to 180 lm/W
- L70 > 50.000 hours
- CRI > 80 (Typ.85)
- 03 SDCM
- CCTs 3,000K / 3,500K / 4,000K
- 05 years warranty

**DRIVING CURRENTS**

Parameter	Nominal	Max
LIGHT ENGINE DAISY-MINI 14x1 28 LEDs 284mm x 20mm	400 mA	600 mA

MODULE TEMPERATURES

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

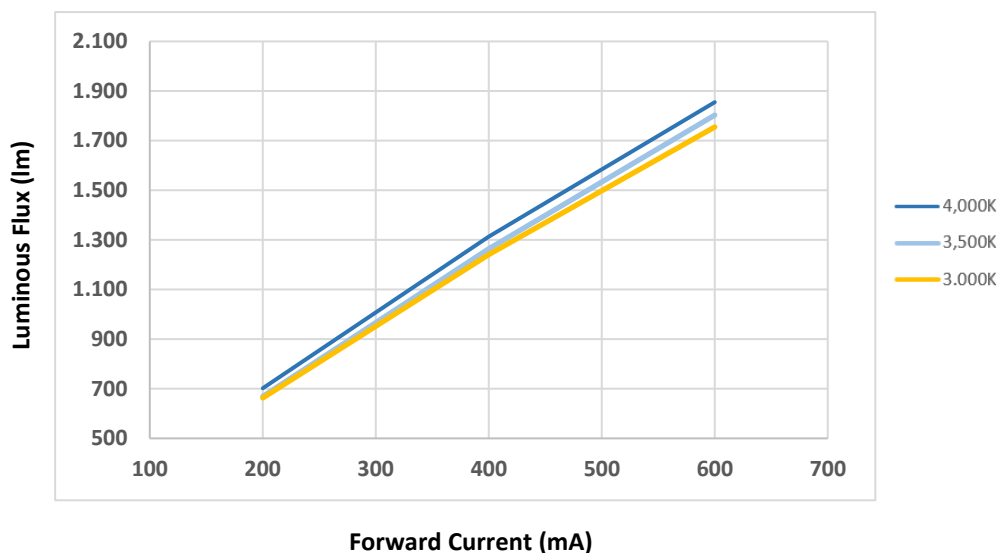
PRODUCT PART NUMBER

80329900100	80330000100	80330100100
3,000 K	3,500 K	4,000 K

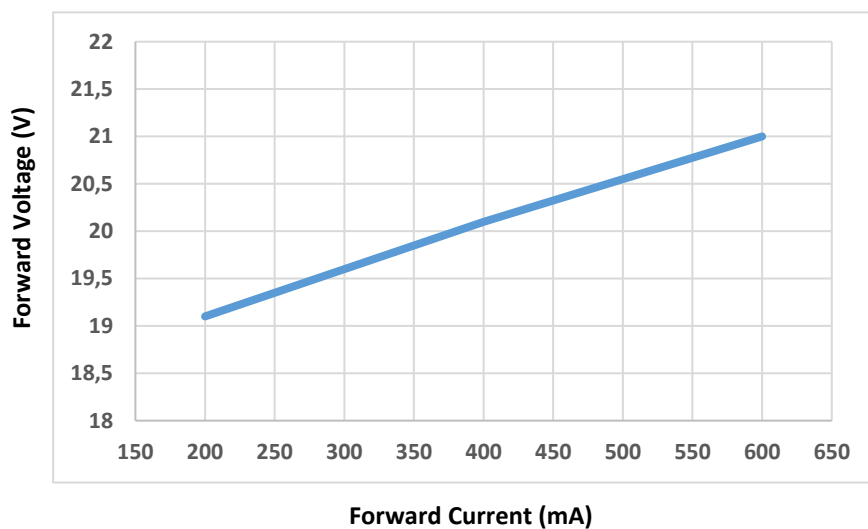
TECHNICAL INFORMATION

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	200	28	663	19.1	50	60	3.9	170
3,000 K	400	28	1,241	20.1	100	60	8.1	153
3,000 K	600	28	1,755	21.0	150	60	12.6	139
3,500 K	200	28	669	19.1	50	60	3.9	172
3,500 K	400	28	1,264	20.1	100	60	8.1	156
3,500 K	600	28	1,803	21.0	150	60	12.6	143
4,000 K	200	28	702	19.1	50	60	3.9	180
4,000 K	400	28	1,313	20.1	100	60	8.1	162
4,000 K	600	28	1,855	21.0	150	60	12.6	147

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



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

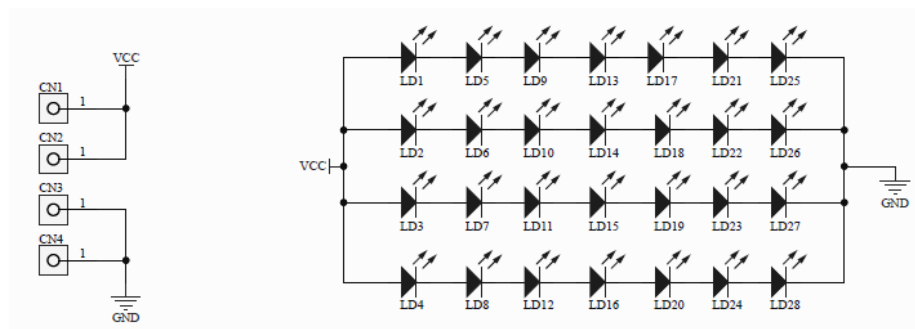


LED TYPE

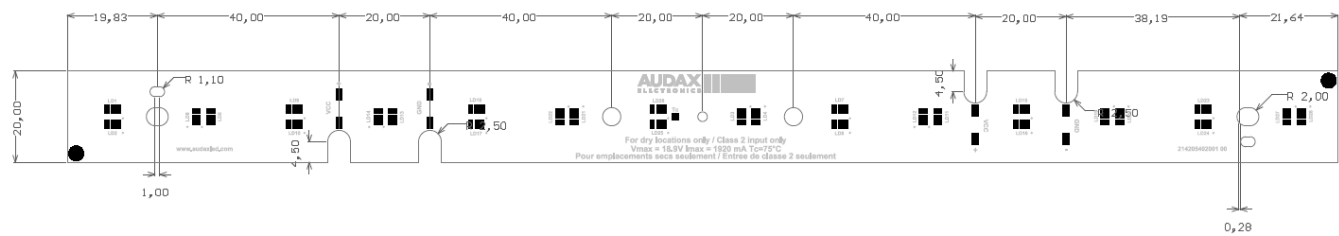
Manufacturer: Lumileds

LED Series: 2835 HE

SCHEMATICS



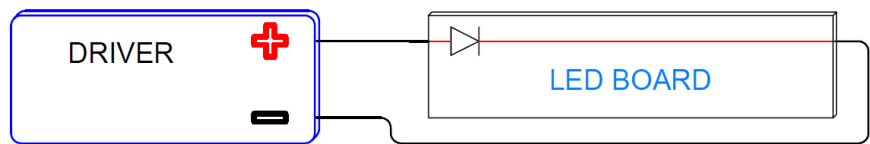
MECHANICAL DRAWING



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



COMPATIBLE OPTICS

	Part Number	Color	Beam
LEDiL	DAISY-MINI-M	Black or White	~30°
LEDiL	DAISY-MINI-W	Black or White	~55°
LEDiL	DAISY-MINI-WW	Black or White	~65°
LEDiL	DAISY-MINI-M-D	Black or White	~30°
LEDiL	DAISY-MINI-W-D	Black or White	~55°
LEDiL	DAISY-MINI-WW-D	Black or White	~65°

