

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

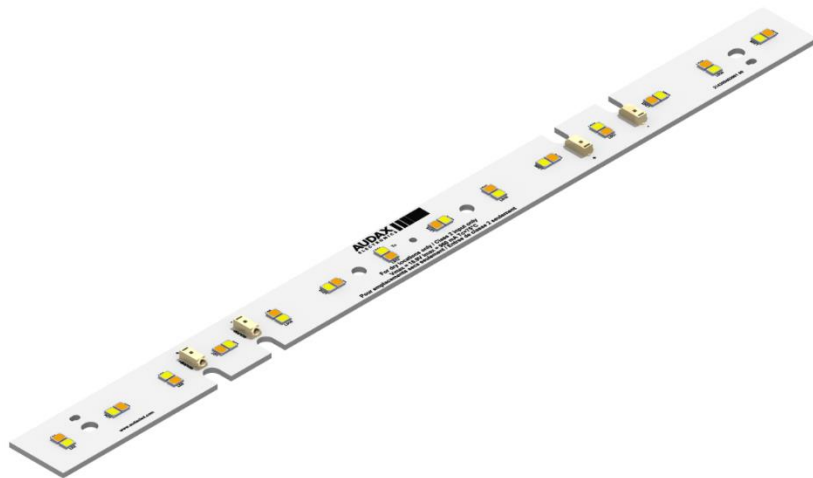
Issue Date	August, 2020
Issued by	Malassise, V.

Applications

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

Characteristics

- Module Efficacy – up to 206 lm/W
- L70 > 50.000 hours
- CRI > 80 (Typ.85)
- 03 SDCM
- CCTs 2,700K to 5,000K
- 05 years warranty

**DRIVING CURRENTS**

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

MODULE TEMPERATURES

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

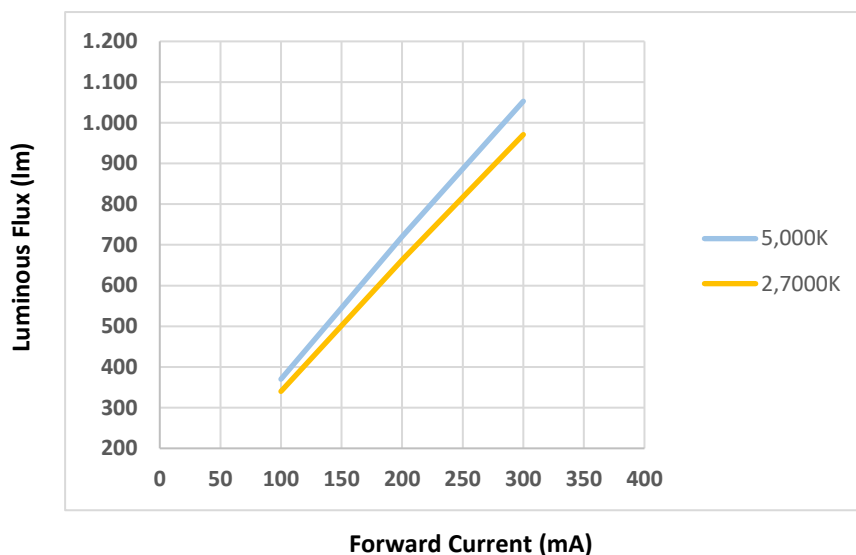
PRODUCT PART NUMBER

80330200100	
2,700K-5,000K	

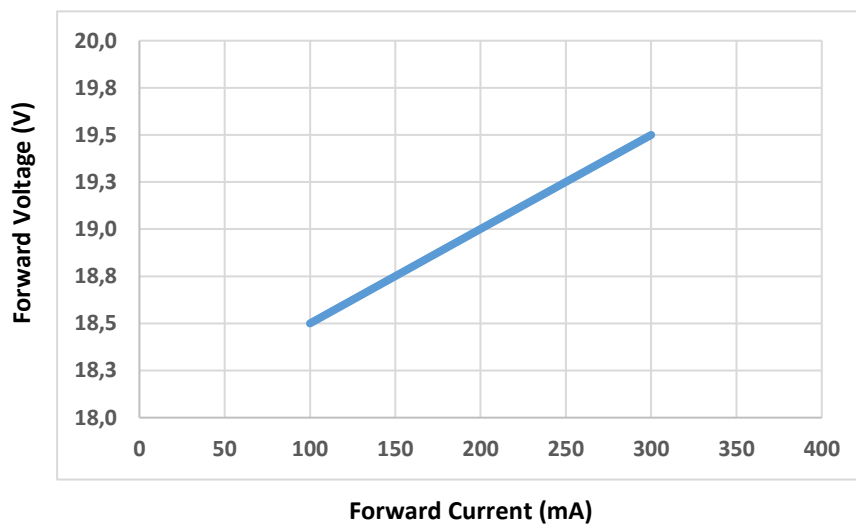
TECHNICAL INFORMATION

CCT	LED Driver Current (mA)	# LEDs	Luminous Flux (lm)*	Forward Voltage (V)	LED Forward Current (mA)	TC (°C)	Power (W)	Efficacy (lm/W)*
2,700 K	100	14	340	18.5	50	60	1.8	189
2,700 K	200	14	663	19.0	100	60	3.8	174
2,700 K	300	14	971	19.5	150	60	5.9	165
5,000 K	100	14	370	18.5	50	60	1.8	206
5,000 K	200	14	720	19.0	100	60	3.8	189
5,000 K	300	14	1,053	19.5	150	60	5.9	178

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



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

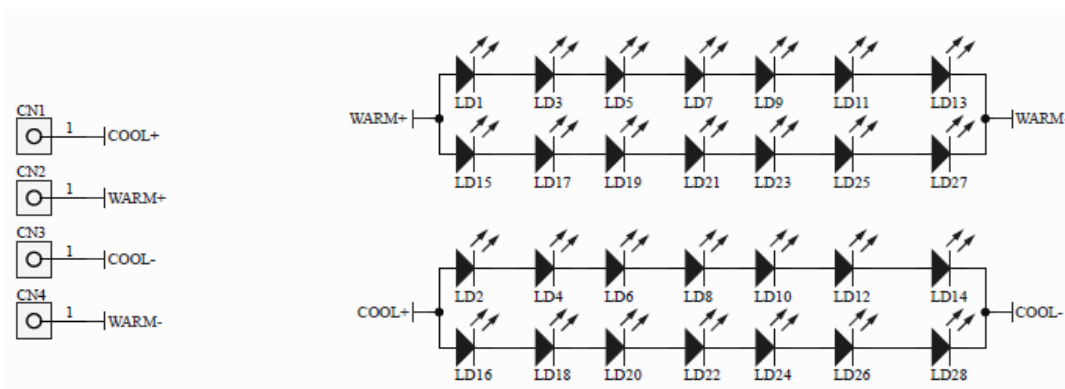


LED TYPE

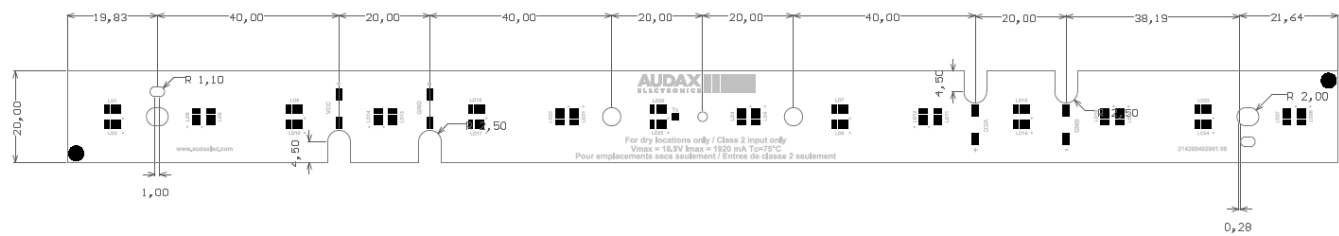
Manufacturer: Lumileds

LED Series: 2835 HE

SCHEMATICS



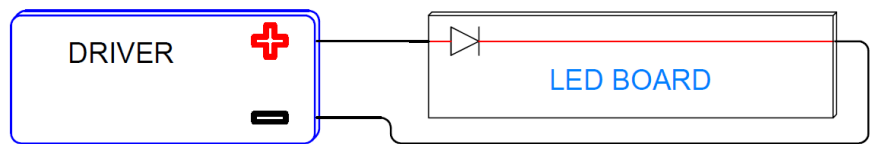
MECHANICAL DRAWING



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°

