

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

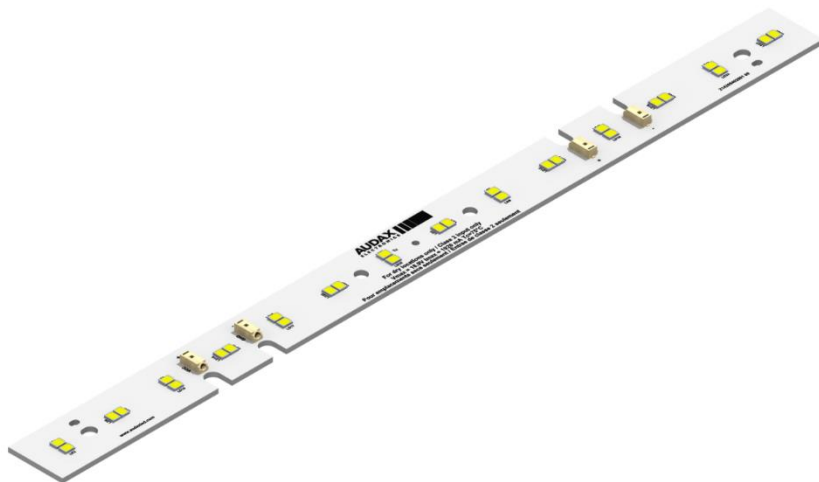
Issue Date	January, 2022
Issued by	Carmo, K.

Applications

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

Characteristics

- Module Efficacy – up to 165 lm/W
- L70 > 50,000 hours
- CRI > 90 (Typ.95)
- 03 SDCM
- CCTs 3000K / 3500K / 4000K
- 05 years warranty


DRIVING CURRENTS

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

MODULE TEMPERATURES

Parameter	Nominal	Max
Tc (case temperature at Tc point)	75°C	85°C

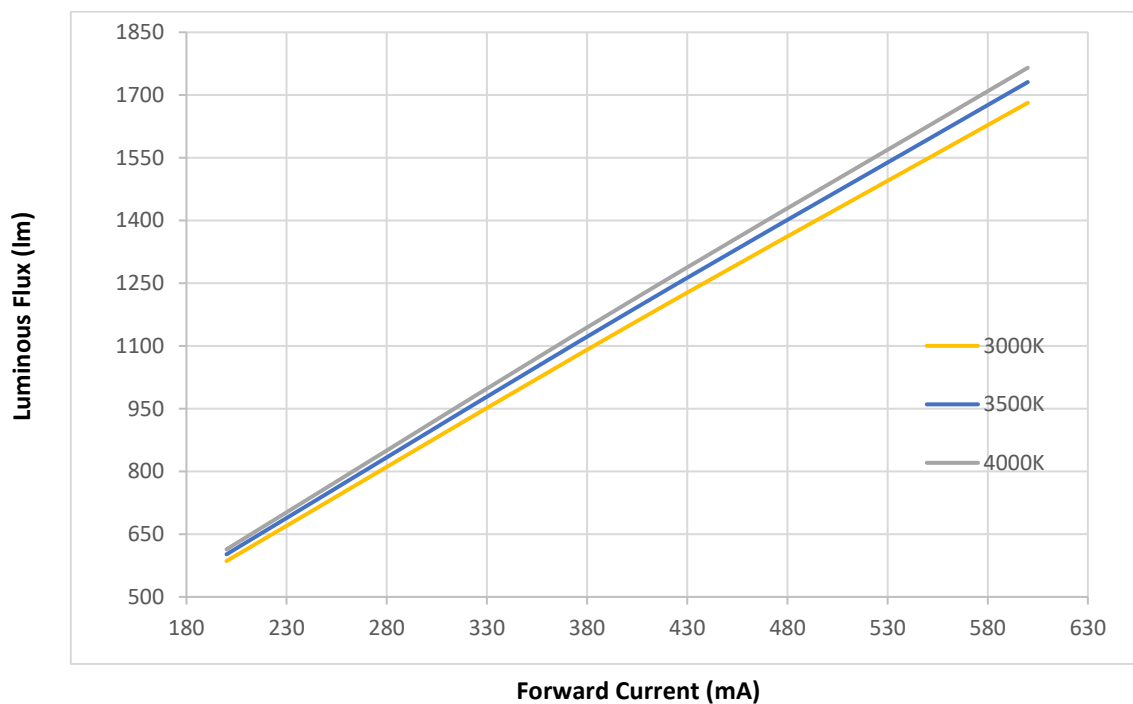
PRODUCT PART NUMBER

80406100100	80413000100	80406200100
3000K	3500K	4000K

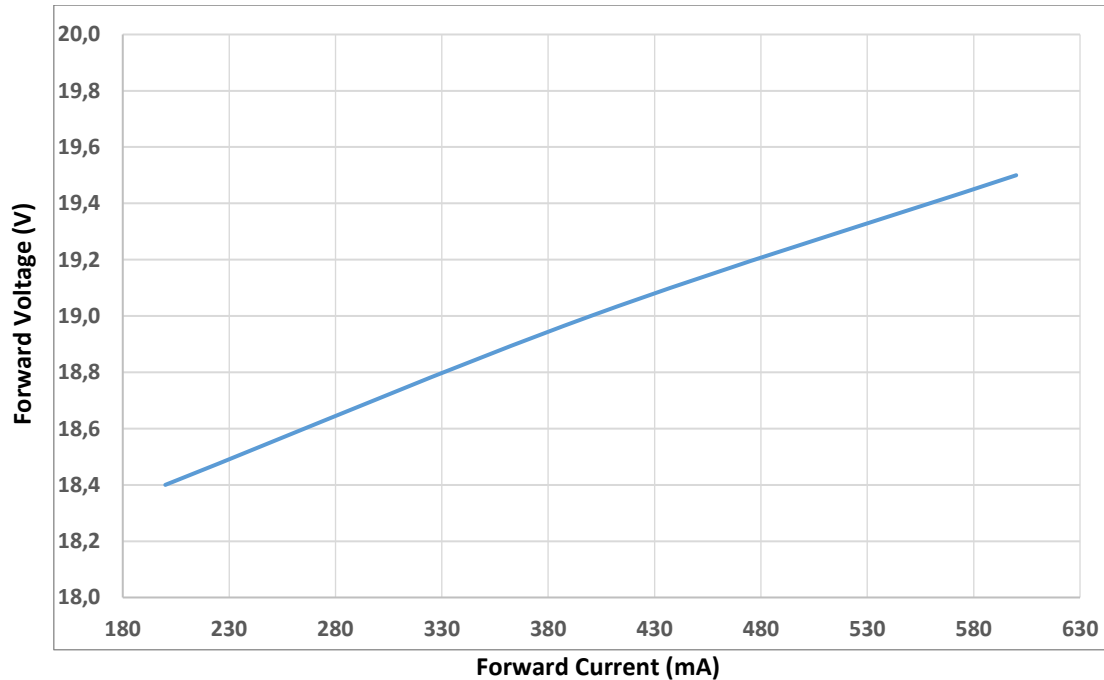
TECHNICAL INFORMATION

CCT	LED Driver Current (mA)	# LEDs	Luminous Flux (lm)	Forward Voltage (V)	LED Forward Current (mA)	TC (°C)	Power (W)	Efficacy (lm/W)
3000K	200	28	585.7	18.4	50	75	3.7	158.3
3000K	400	28	1,146.0	19.0	100	75	7.6	150.8
3000K	600	28	1,681.4	19.5	150	75	11.7	143.7
3500K	200	28	601.8	18.4	50	75	3.7	162.6
3500K	400	28	1,178.8	19.0	100	75	7.6	155.1
3500K	600	28	1,731.0	19.5	150	75	11.7	147.9
4000K	200	28	613.7	18.4	50	75	3.7	165.9
4000K	400	28	1,202.1	19.0	100	75	7.6	158.2
4000K	600	28	1,765.2	19.5	150	75	11.7	150.9

Luminous Flux (lm) x Forward Current (mA) (TC 75°C)



Forward Voltage (V) x Forward Current (mA) (TC 75°C)

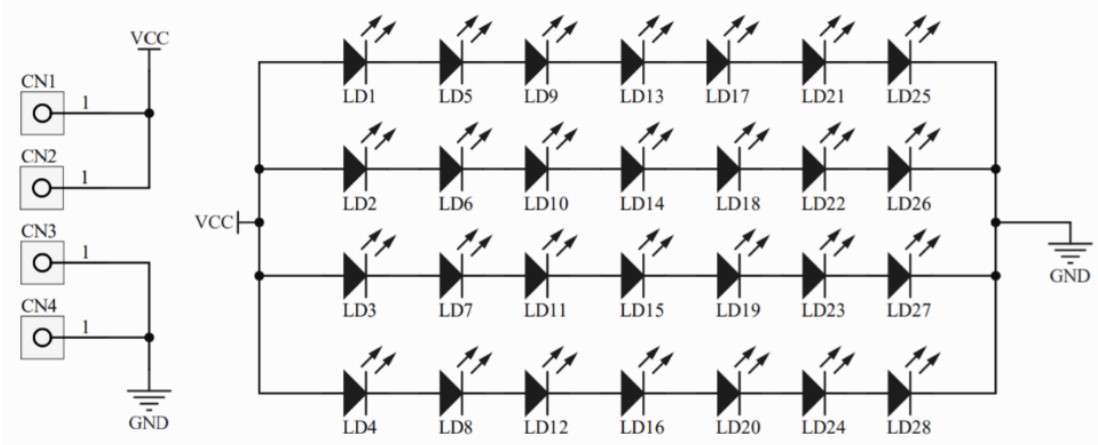


LED TYPE

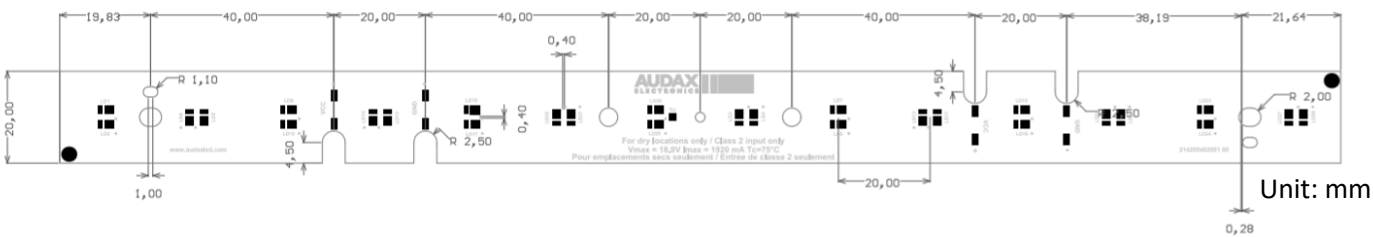
Manufacturer: Lumileds

LED Series: Luxeon 2835 HE

SCHEMATICS

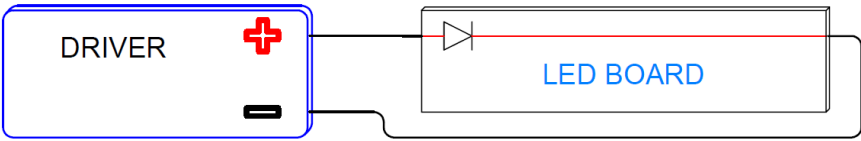


MECHANICAL DRAWING



WIRING

Specification item	Value	Unit	Condition
Input wire cross- section	0.25...0.75	mm ²	Solid wire
Input wire strip length	18...24	AWG	
Input wire strip length	7.5...8.5	mm	Solid wire
Input wire cross-section	0.33...0.5	mm ²	Stranded wire
	20...22	AWG	
Input wire strip length	7.5...8.5	mm	Stranded wire



COMPATIBLE OPTICS

Manufacturer	Part Number	Color	Material	Beam
LEDiL	F17029_DAISSY-MINI-M	Clear	PMMA	~30°
LEDiL	F17030_DAISSY-MINI-W	Clear	PMMA	~55°
LEDiL	F17031_DAISSY-MINI-WW	Clear	PMMA	~65°
LEDiL	F17462_DAISSY-MINI-W-D	Milky	PMMA	~55°
LEDiL	F17463_DAISSY-MINI-WW-D	Milky	PMMA	~65°
LEDiL	F18127_DAISSY-MINI-WWW-D	Milky	PMMA	~65°