

LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm

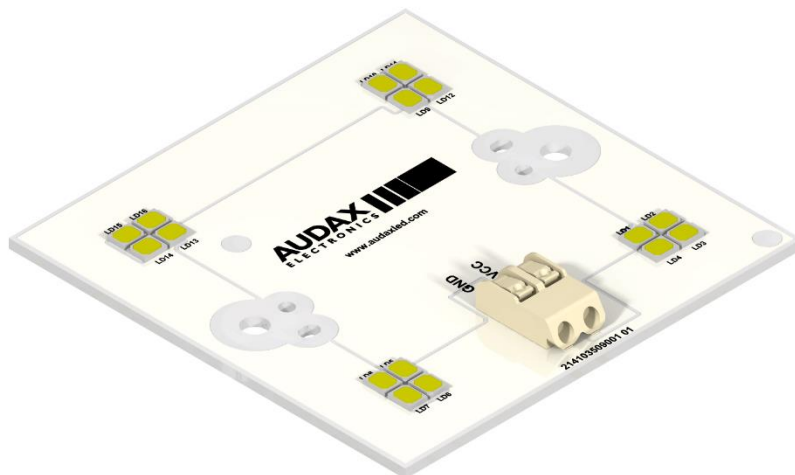
Issue Date	January, 2022
Issued by	Carmo, K.

Applications

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

Characteristics

- Module Efficacy – up to 159 lm/W
- L70 > 50,000 hours
- CRI > 90 (Typ.95)
- 03 SDCM
- CCTs 3000K / 3500K / 4000K
- 05 years warranty



DRIVE CURRENTS

Parameter	Nominal	Max
Light Engine Daisy 16 LEDs 62mm x 62mm	200mA	960mA

MODULE TEMPERATURES

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

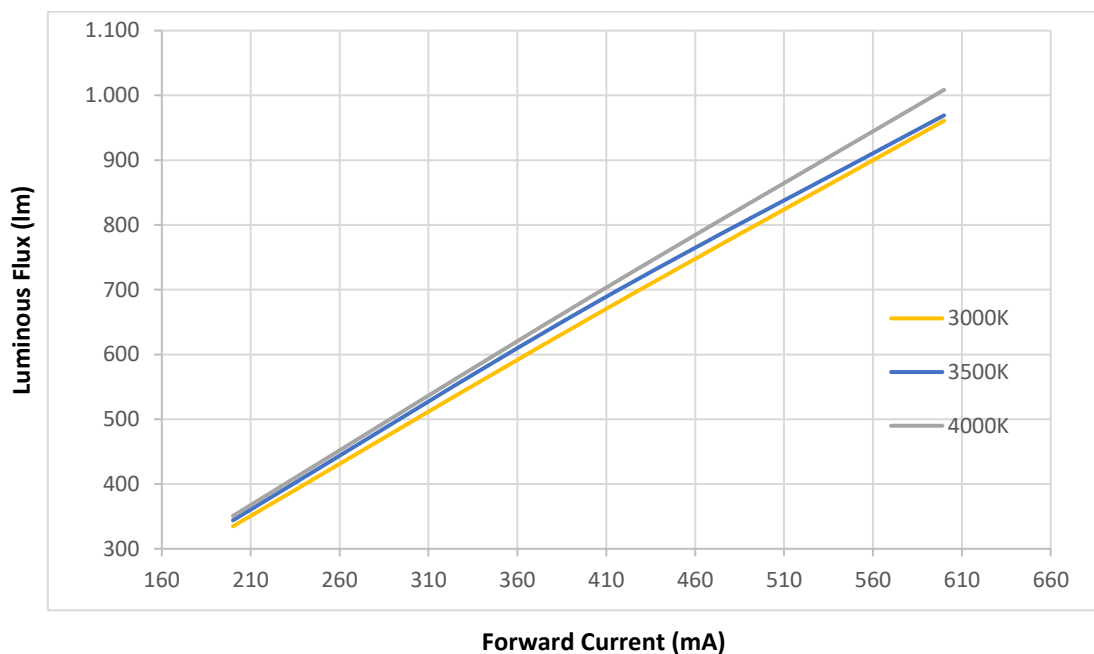
PRODUCT PART NUMBER

80410300100	80410400100	80410500100
3000K	3500K	4000K

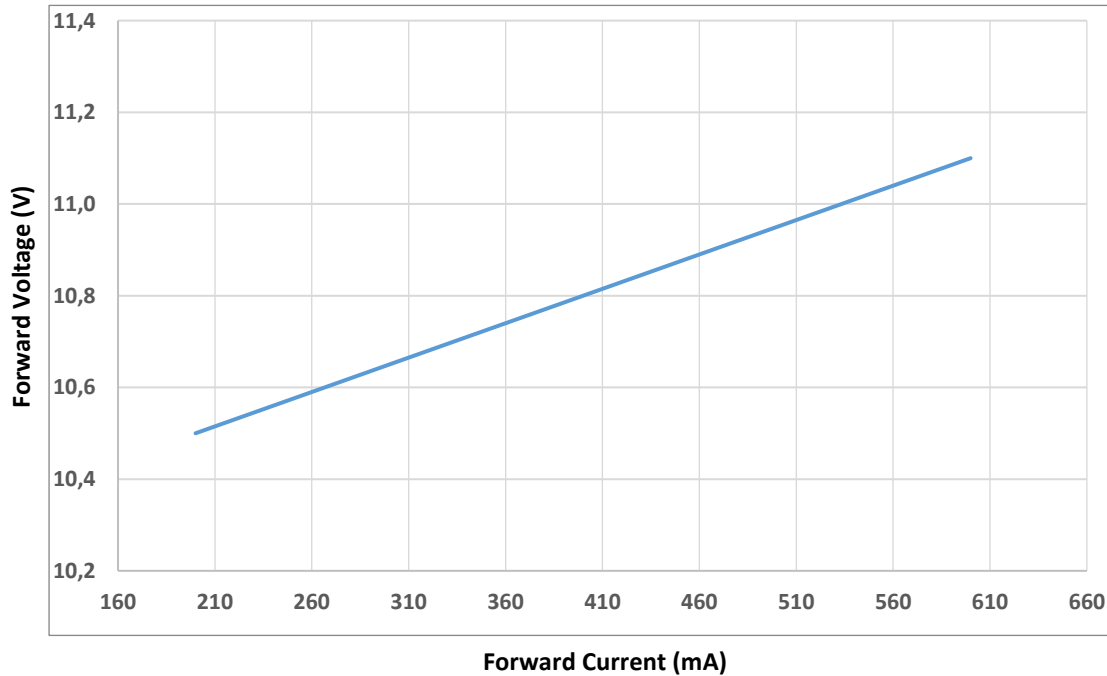
TECHNICAL INFORMATION

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	16	334.7	10.5	50	75	2.1	159.4
3000K	400	16	654.9	10.8	100	75	4.3	152.3
3000K	600	16	960.8	11.1	150	75	6.7	143.4
3500K	200	16	343.9	10.5	50	75	2.1	163.8
3500K	400	16	673.6	10.8	100	75	4.3	156.6
3500K	600	16	969.1	11.1	150	75	6.7	144.6
4000K	200	16	350.7	10.5	50	75	2.1	167.0
4000K	400	16	686.9	10.8	100	75	4.3	159.7
4000K	600	16	1008.6	11.1	150	75	6.7	150.5

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



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

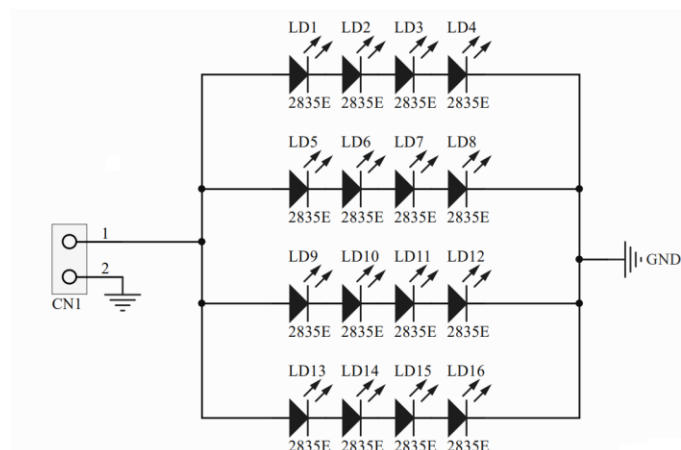


LED TYPE

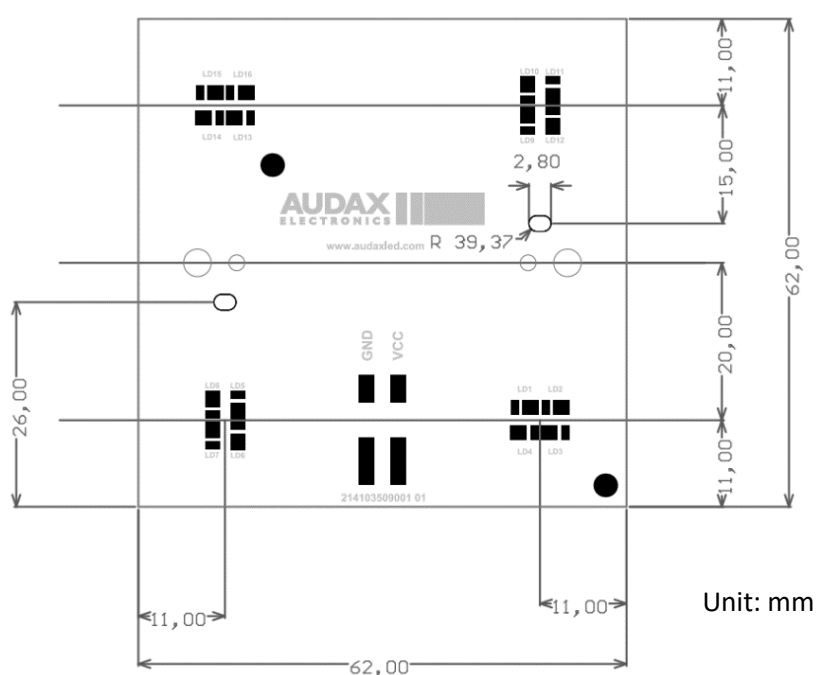
Manufacturer: Lumileds

LED Series: LUXEON 2835 HE

SCHEMATICS

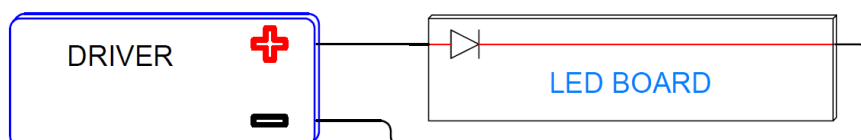


MECHANICAL DRAWING



WIRING

Specification item	Value	Unit	Condition
Input wire cross- section	0.25...0.75 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

Manufacturer	Part Number	Color	Material	Beam
LEDiL	C16862_DAISSY-2X2-WW	Clear	PMMA	~80°
LEDiL	C16867_DAISSY-2X2-W	Clear	PMMA	~50°
LEDiL	C17256_DAISSY-2X2-WW-D	Milky	PMMA	~80°
LEDiL	C17257_DAISSY-2X2-W-D	Milky	PMMA	~50°