

LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm – Tunable White

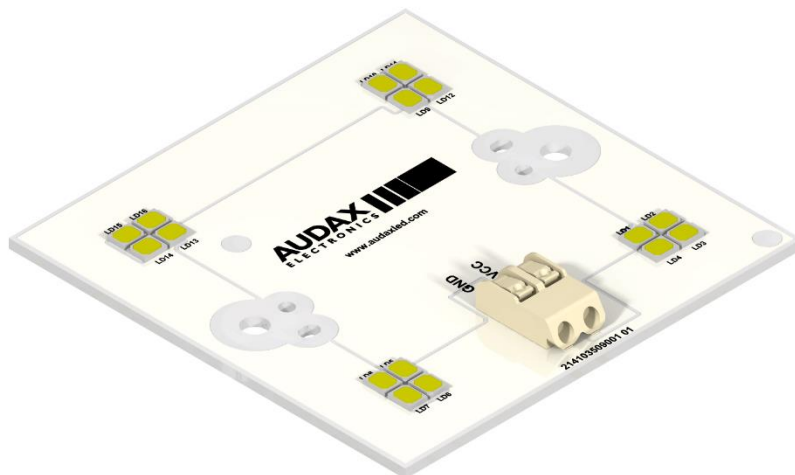
Issue Date	October, 2019
Issued by	Malassise, V.

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 2,700K to 5,000K (Tunable)
- 05 years warranty



DRIVE CURRENTS

Parameter	Nominal (per channel)	Max (pPer channel)
Light Engine Daisy 16 LEDs 62mm x 62mm	200 mA	960 mA

MODULE TEMPERATURES

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

PRODUCT PART NUMBER

80254900100	
2,700K-5,000K	

TECHNICAL INFORMATION

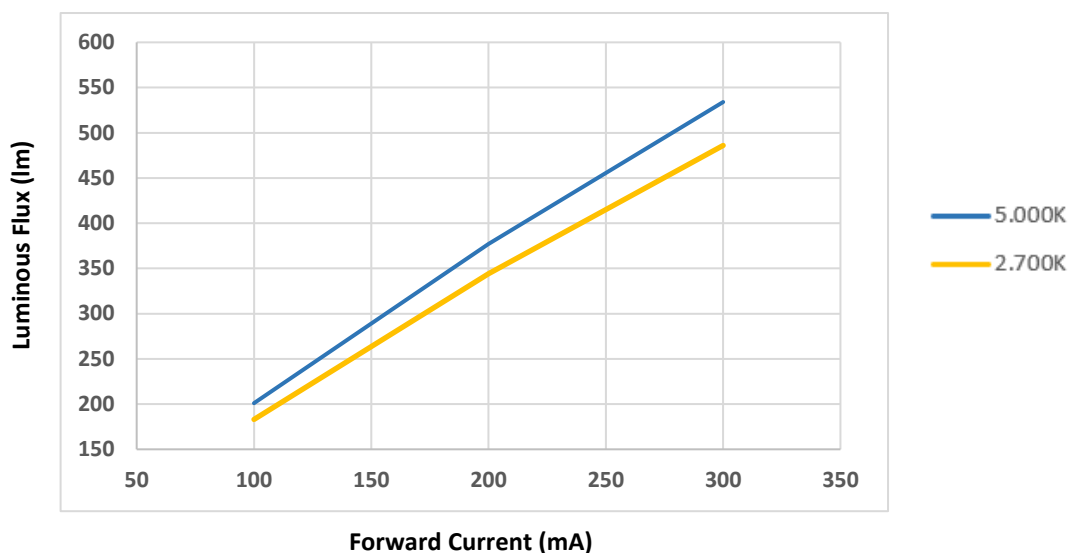
CCT CH 1 & 2	LED Driver Current (mA)	# LEDs	Luminous Flux (lm)*	Forward Voltage (V)	LED Forward Current (mA)	TC (°C)	Power (W)	Efficacy (lm/W)*
2,700 K	100	8	183	10.9	50	60	1.1	166
2,700 K	200	8	344	11.5	100	60	2.3	150
2,700 K	300	8	486	12.0	150	60	3.6	135
5,000 K	100	8	201	10.9	50	60	1.1	183
5,000 K	200	8	377	11.5	100	60	2.3	164
5,000 K	300	8	534	12.0	150	60	3.6	148

LED TYPE

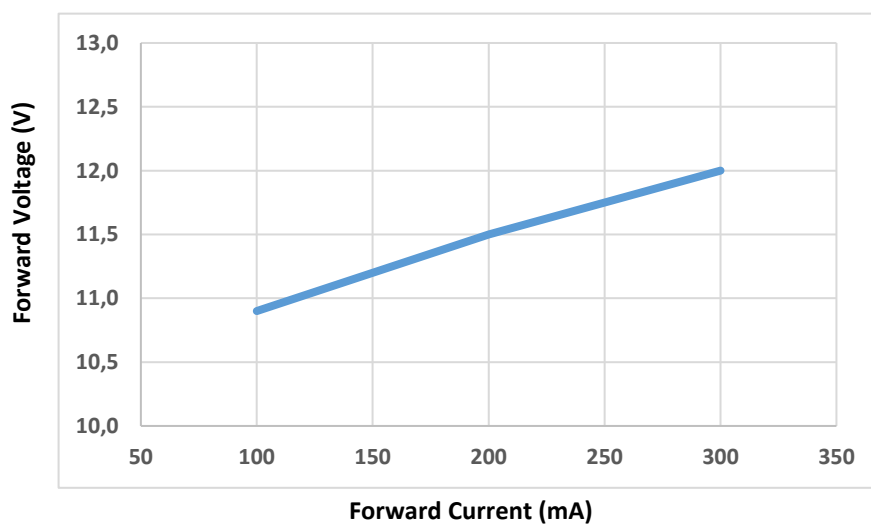
Manufacturer: Lumileds

LED Series: 2835 CA

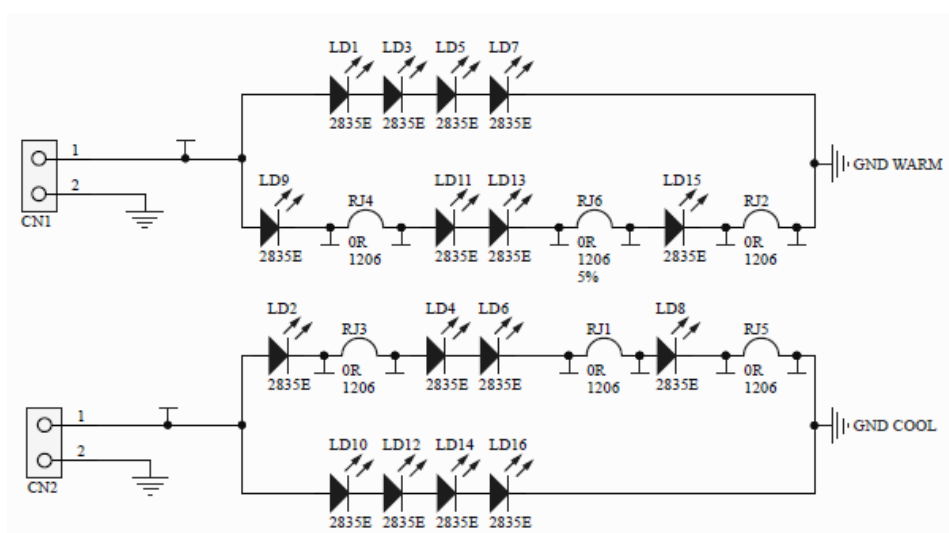
Luminous Flux (lm) x Forward Current (mA) (TC 60°C)

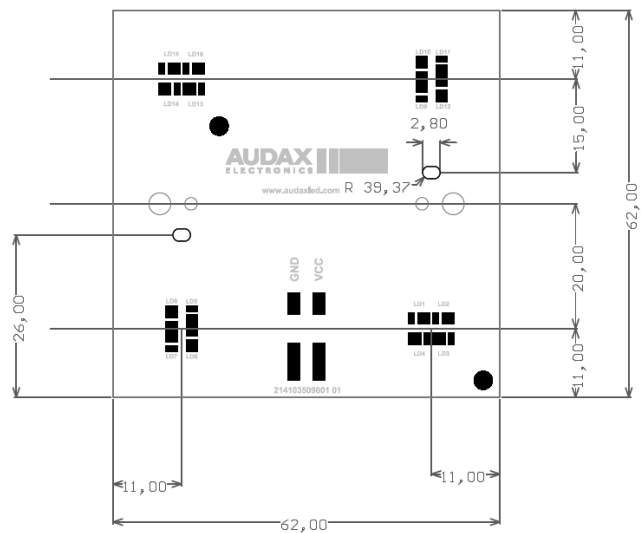


Forward Voltage (V) x Forward Current (mA) (TC 60°C)



SCHEMATICS

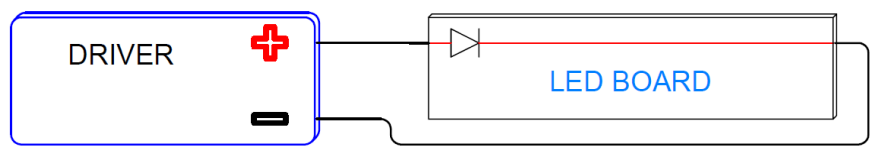




Unit: mm

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

Manufacturer	Part Number	Color	Beam
LEDiL	CN16868_DAISSY-2X2-WW	Black	~80°
LEDiL	CN16869_DAISSY-2X2-W	Black	~50°
LEDiL	CN16877_DAISSY-2X2-WW-WHT	White	~80°
LEDiL	CN16878_DAISSY-2X2-W-WHT	White	~50°

