

LIGHT ENGINE DAISY 8x1 32 LEDs 303.7mm x 20mm – Tunable White

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Applications

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

Characteristics

- Module Efficacy – up to 187 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 (per channel)
Light Engine Daisy 8x1 32 LEDs 303.7mm x 20mm	200 mA	1,920 mA

MODULE TEMPERATURES

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

PRODUCT PART NUMBER

80284400100	
2,700K-5,000K	

TECHNICAL INFORMATION

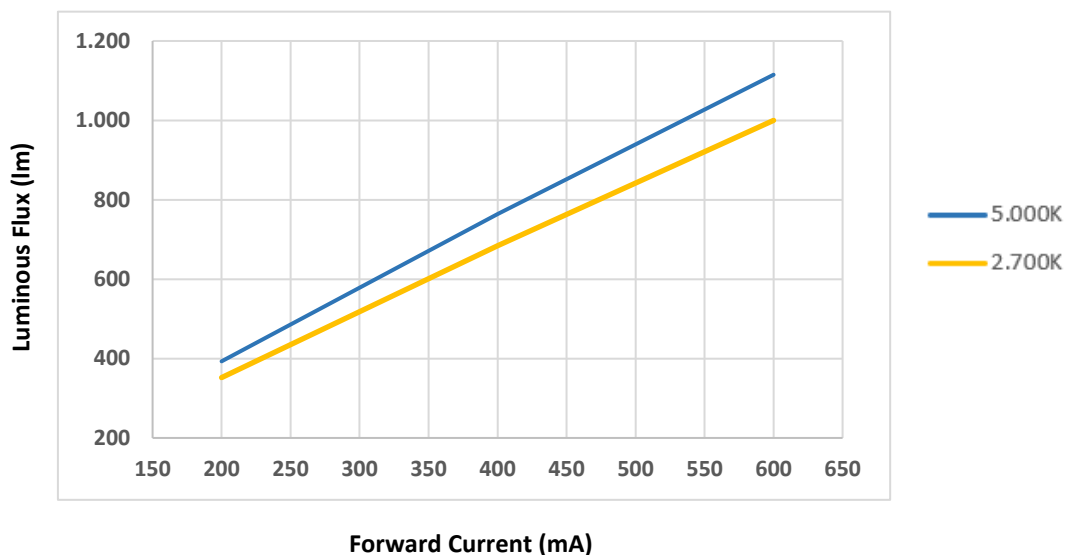
CCT CH 1 & 2	LED Driver Current (mA)	# LEDs	Luminous Flux (lm)*	Forward Voltage (V)	LED Forward Current (mA)	TC (°C)	Power (W)	Efficacy (lm/W)*
2,700 K	200	16	352	10.4	50	60	2.1	168
2,700 K	400	16	684	10.8	100	60	4.3	159
2,700 K	600	16	1,000	11.0	150	60	6.6	152
5,000 K	200	16	393	10.4	50	60	2.1	187
5,000 K	400	16	764	10.8	100	60	4.3	178
5,000 K	600	16	1,115	11.0	150	60	6.6	169

LED TYPE

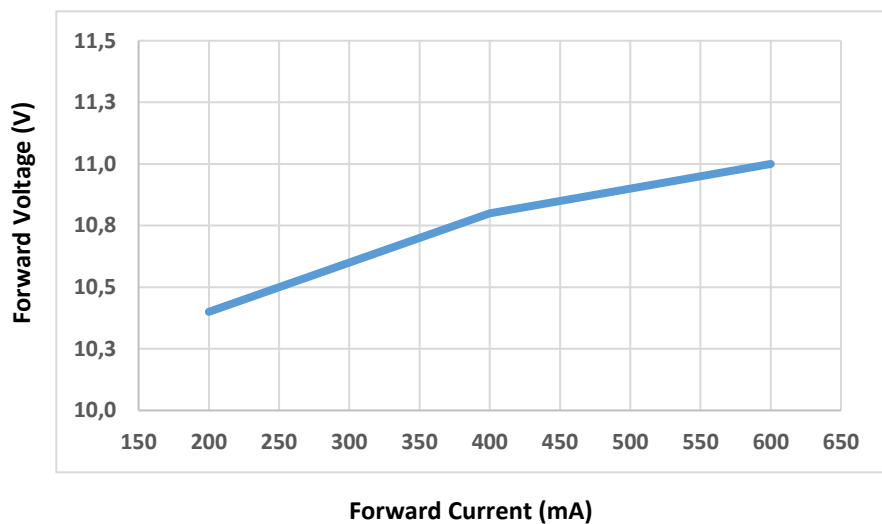
Manufacturer: Lumileds

LED Series: 2835 HA

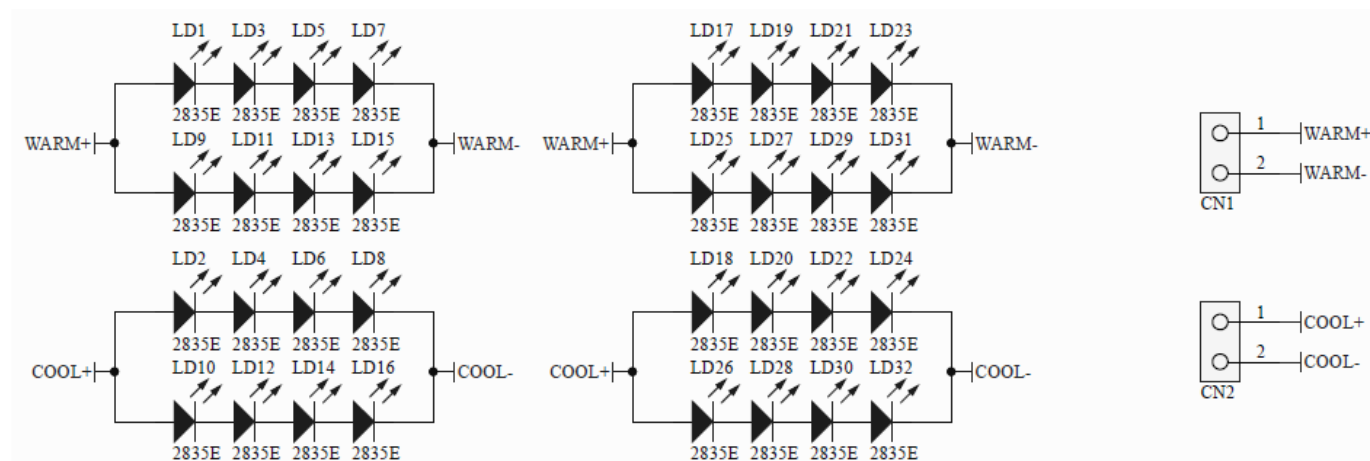
Luminous Flux (lm) x Forward Current (mA) (TC 60°C)



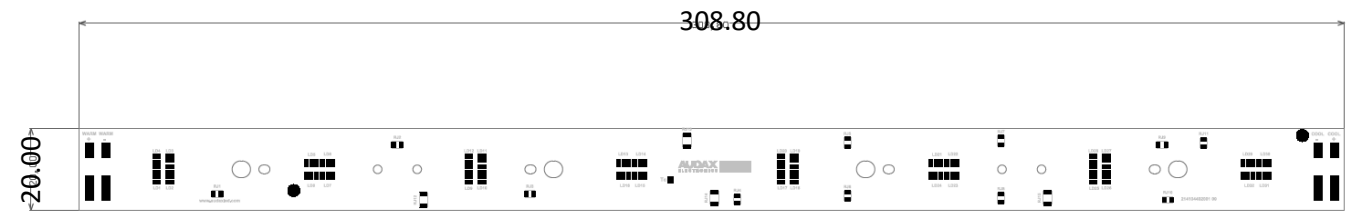
Forward Voltage (V) x Forward Current (mA) (TC 60°C)



SCHEMATICS



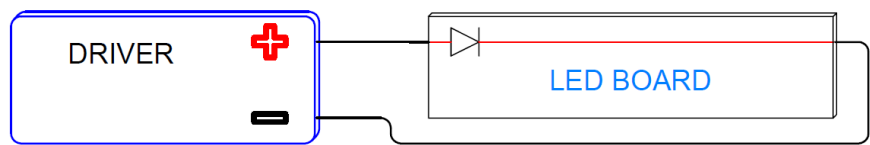
MECHANICAL DRAWING



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

Manufacturer	Part Number	Color	Beam
LEDiL	CN17175_DAISSY-8X1-W-MATT	Black	~50°
LEDiL	CN17176_DAISSY-8X1-WW-MATT	Black	~80°
LEDiL	CN17177_DAISSY-8X1-WW-MATT-WHT	White	~80°
LEDiL	CN17178_DAISSY-8X1-W-MATT-WHT	White	~50°
LEDiL	CN17343_DAISSY-8X1-W-MATT-WHT-D	White	~50°
LEDiL	CN17344_DAISSY-8X1-WW-MATT-WHT-D	White	~80°
LEDiL	CN17345_DAISSY-8X1-WW-MATT-D	Black	~80°
LEDiL	CN17347_DAISSY-8X1-W-MATT-D	Black	~50°

