

LIGHT ENGINE DAISY 8x1 32 LEDs 303.7mm x 20mm

Issue Date	December 2019
Issued by	Malassise, V.

Applications

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

Characteristics

- Module Efficacy – up to 196 lm/W
- L70 > 50.000 hours
- CRI > 80 (Typ.85)
- 03 SDCM
- CCTs 3,000K / 3,500K / 4,000K
- 05 years warranty



DRIVING CURRENTS

Parameter	Nominal	Max
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

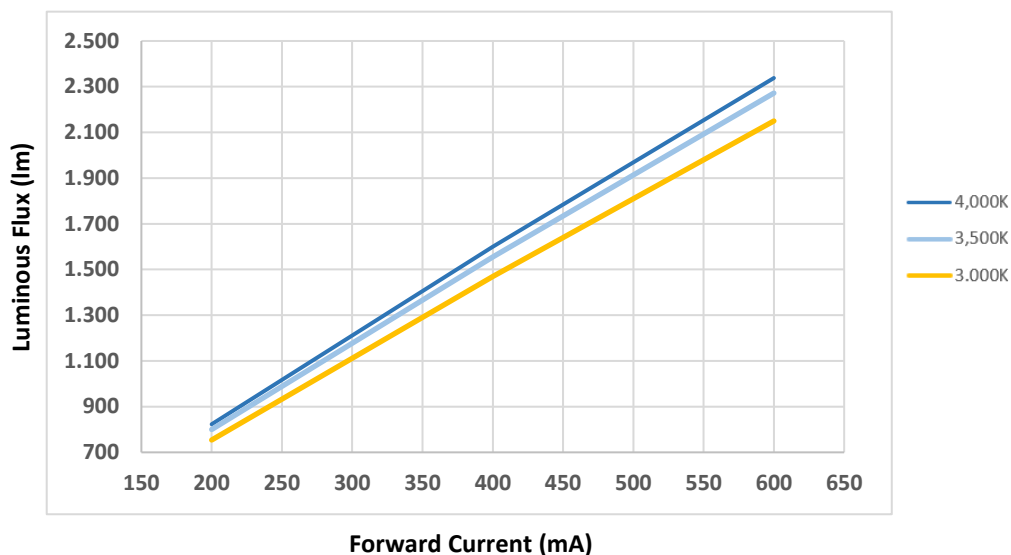
PRODUCT PART NUMBER

80284100100	80284200100	80284300100
3,000 K	3,500 K	4,000 K

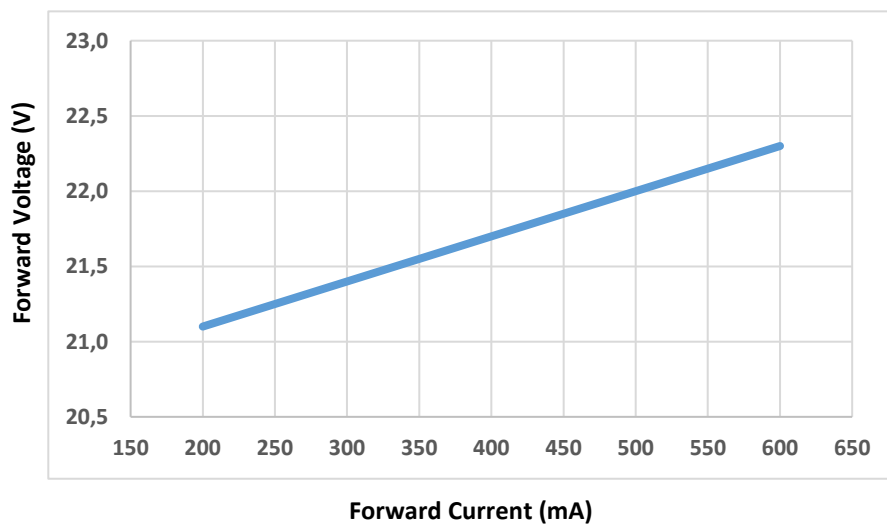
TECHNICAL INFORMATION

CCT	LED Driver Current (mA)	# LEDs	Luminous Flux (lm)*	Forward Voltage (V)	LED Forward Current (mA)	TC (°C)	Power (W)	Efficacy (lm/W)*
3,000 K	200	32	754	21.1	50	60	4.2	180
3,000 K	400	32	1,470	21.7	100	60	8.7	169
3,000 K	600	32	2,150	22.3	150	60	13.4	160
3,500 K	200	32	800	21.1	50	60	4.2	190
3,500 K	400	32	1,555	21.7	100	60	8.7	179
3,500 K	600	32	2,272	22.3	150	60	13.4	170
4,000 K	200	32	823	21.1	50	60	4.2	196
4,000 K	400	32	1,600	21.7	100	60	8.7	184
4,000 K	600	32	2,338	22.3	150	60	13.4	174

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



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

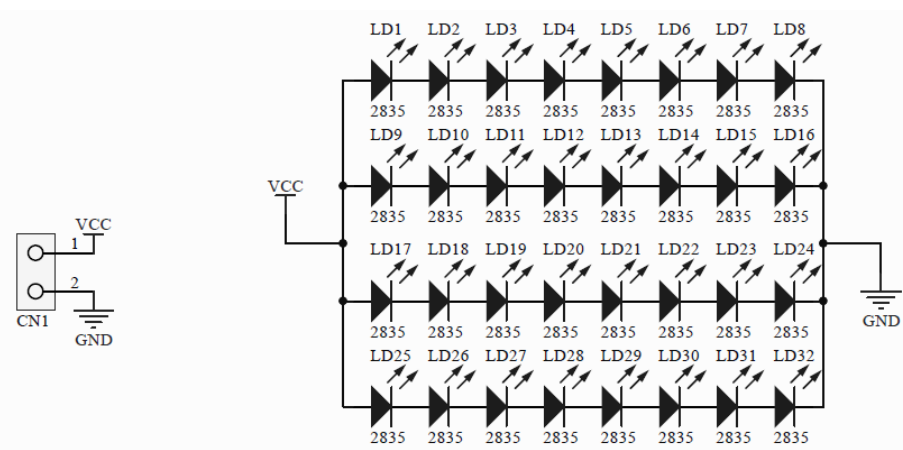


LED TYPE

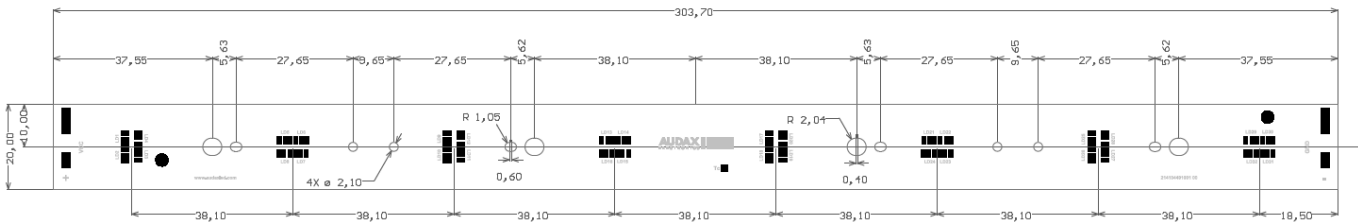
Manufacturer: Lumileds

LED Series: 2835 HA

SCHEMATICS



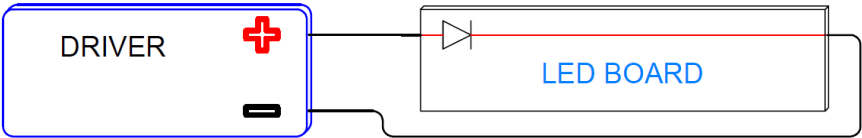
MECHANICAL DRAWING



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°

