

LIGHT ENGINE DAISY MINI 14X1 28L 279.65X20MM

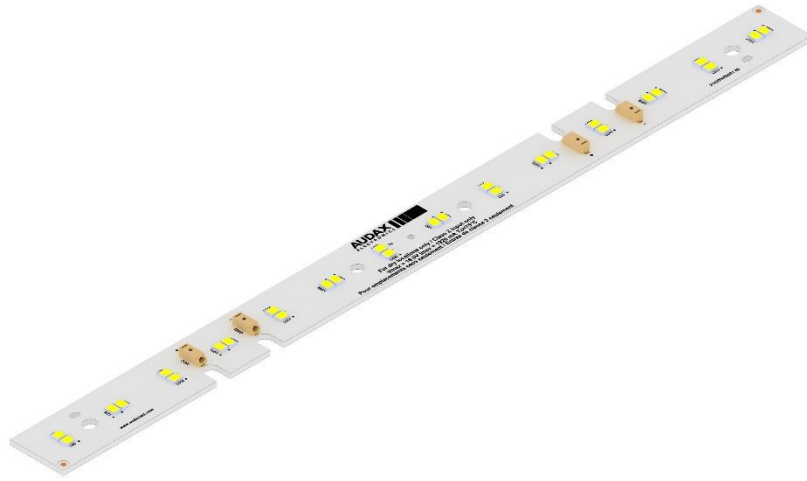
Issue Date	March, 2026
Issued by	Almeida, B.

Applications

- Dark light
- Indoor lighting
- Linear lighting
- Retail lighting

Characteristics

- Module Efficacy – up to 186 lm/W
- L70 > 50,000 hours
- CRI 80 & 90
- 03 SDCM
- CCTs 2,700K/3,000K/3,500K/4,000K
- 05 years warranty



DRIVE PARAMETERS

Parameter	Nominal	Max
I_{board} (Current)	700 mA	1,400 mA
V_{board} (Voltage)	19.5 V	21.8 V

MODULE TEMPERATURES

Parameter	Nominal	Max
T_c (case temperature at T_c point)	25 °C	75 °C

PRODUCT PART NUMBER

80 CRI			
80671800100	80329900100	80330000100	80330100100
2,700K	3,000K	3,500K	4,000K

90 CRI			
80671900100	80672000100	80413000100	80672100100
2,700K	3,000K	3,500K	4,000K

LED TYPE

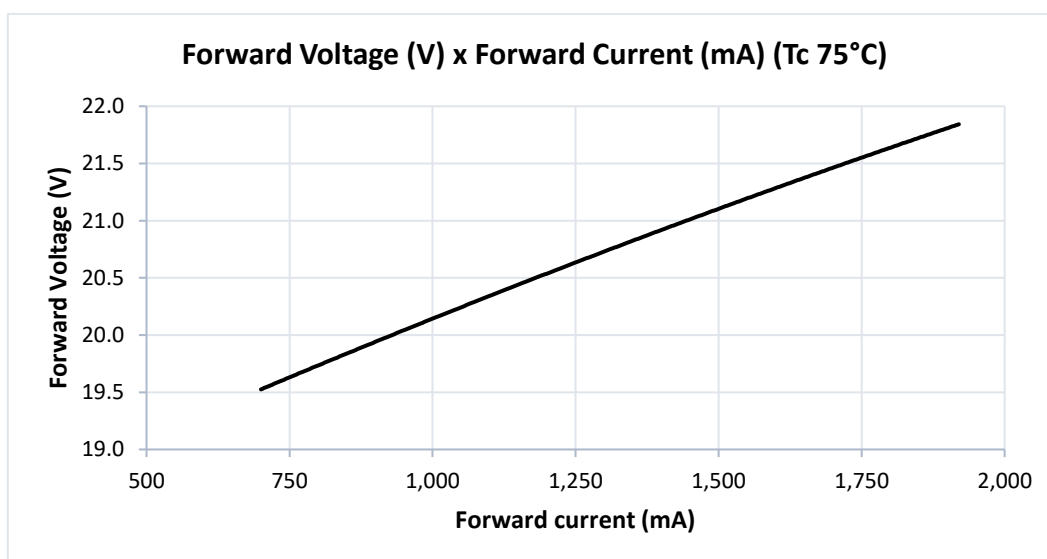
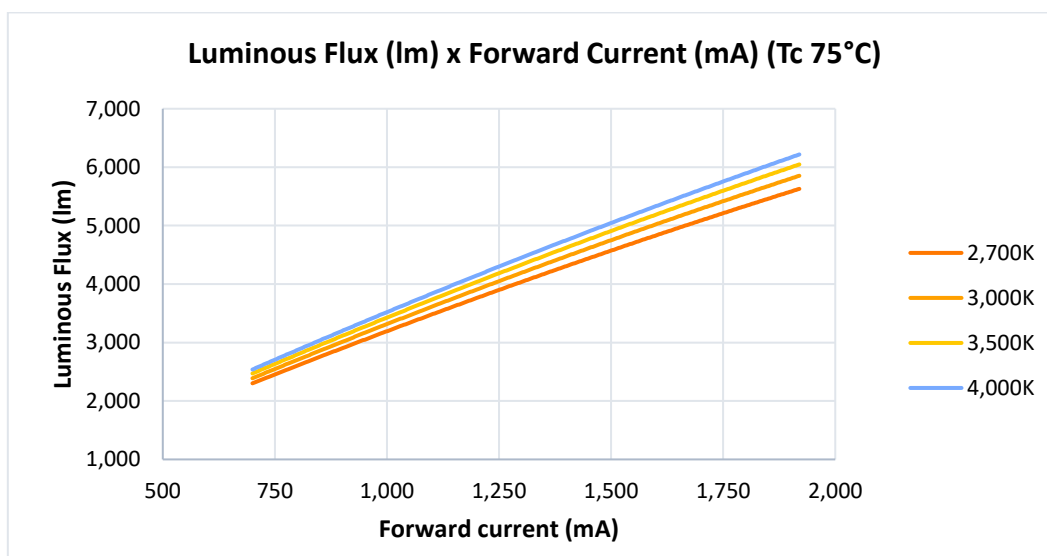
Manufacturer: Cree

LED Series: J Series® 2835 3-V LEDs

TECHNICAL INFORMATION | 80 CRI

CCT	LED Driver Current (mA)	# LEDs	Luminous Flux (lm)	Forward Voltage (V)	LED Forward Current (mA)	Tc (°C)	Power (W)	Efficacy (lm/W)
2,700K	700	28	2,304	19.5	175	75	13.7	169
2,700K	1,050	28	3,332	20.2	262.5	75	21.2	157
2,700K	1,400	28	4,312	20.9	350	75	29.3	147
3,000K	700	28	2,391	19.5	175	75	13.7	175
3,000K	1,050	28	3,458	20.2	263	75	21.2	163
3,000K	1,400	28	4,480	20.9	350	75	29.3	153
3,500K	700	28	2,470	19.5	175	75	13.7	181
3,500K	1,050	28	3,584	20.2	263	75	21.2	169
3,500K	1,400	28	4,620	20.9	350	75	29.3	158
4,000K	700	28	2,542	19.5	175	75	13.7	186
4,000K	1,050	28	3,668	20.2	263	75	21.2	173
4,000K	1,400	28	4,760	20.9	350	75	29.3	162

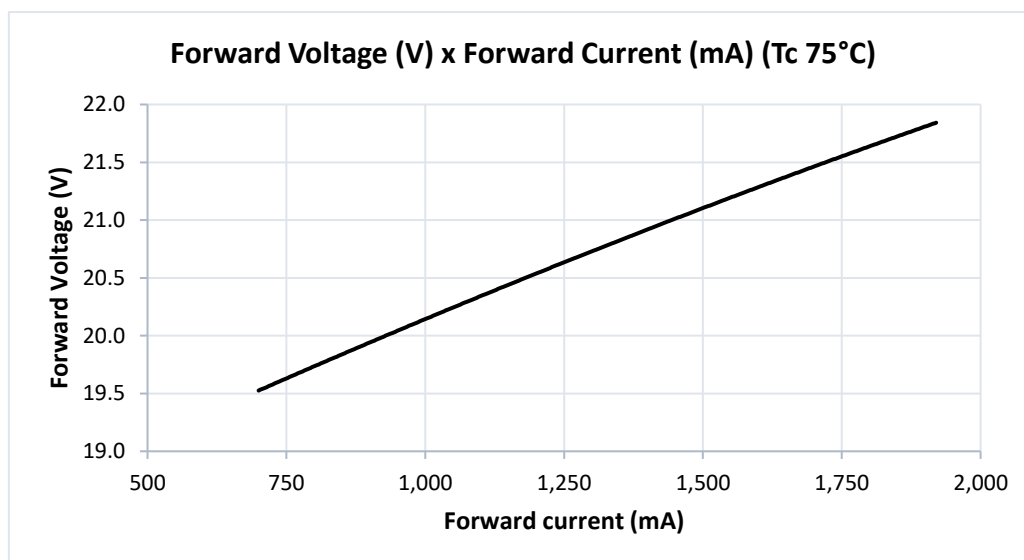
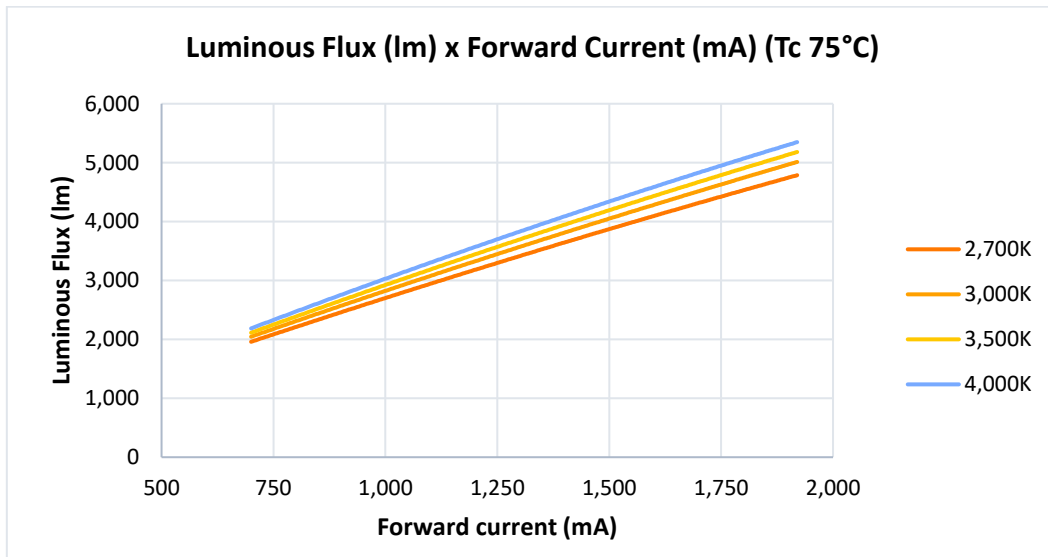
TECHNICAL GRAPHS



TECHNICAL INFORMATION | 90 CRI

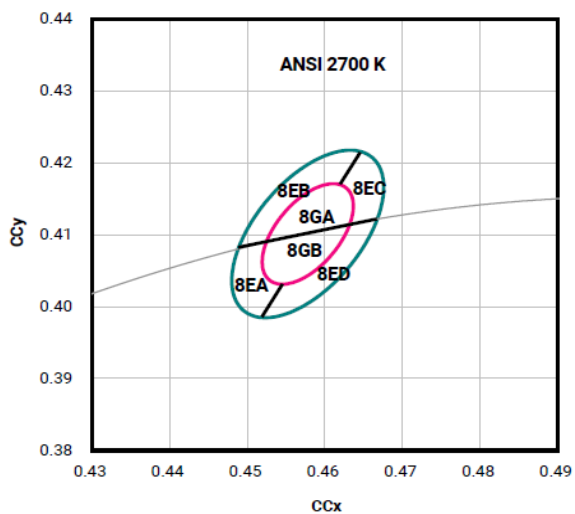
CCT	LED Driver Current (mA)	# LEDs	Luminous Flux (lm)	Forward Voltage (V)	LED Forward Current (mA)	Tc (°C)	Power (W)	Efficacy (lm/W)
2,700K	700	28	1,957	19.5	175	75	13.7	143
2,700K	1,050	28	2,828	20.2	263	75	21.2	133
2,700K	1,400	28	3,640	20.9	350	75	29.3	124
3,000K	700	28	2,044	19.5	175	75	13.7	150
3,000K	1,050	28	2,954	20.2	263	75	21.2	139
3,000K	1,400	28	3,808	20.9	350	75	29.3	130
3,500K	700	28	2,114	19.5	175	75	13.7	155
3,500K	1,050	28	3,052	20.2	263	75	21.2	144
3,500K	1,400	28	3,948	20.9	350	75	29.3	135
4,000K	700	28	2,187	19.5	175	75	13.7	160
4,000K	1,050	28	3,164	20.2	263	75	21.2	149
4,000K	1,400	28	4,088	20.9	350	75	29.3	140

TECHNICAL GRAPHS

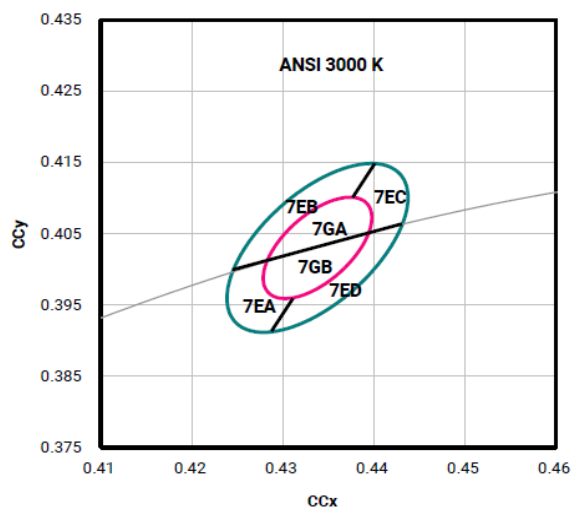


LED BINNING STRUCTURE

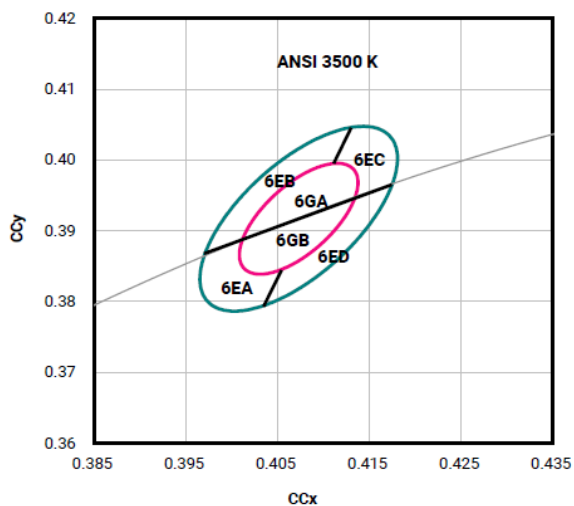
2,700K – 3 STEP BINS



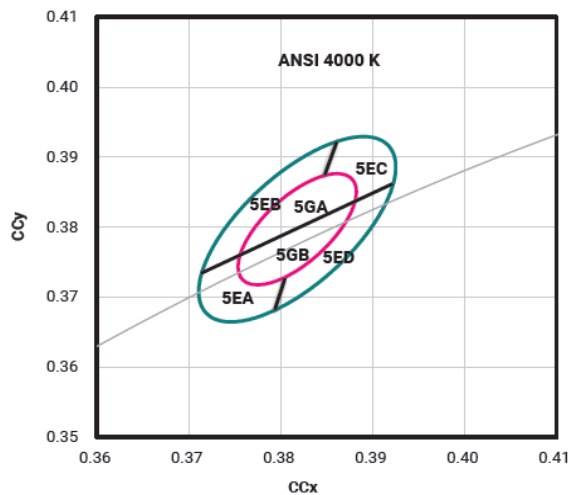
3,000K – 3 STEP BINS



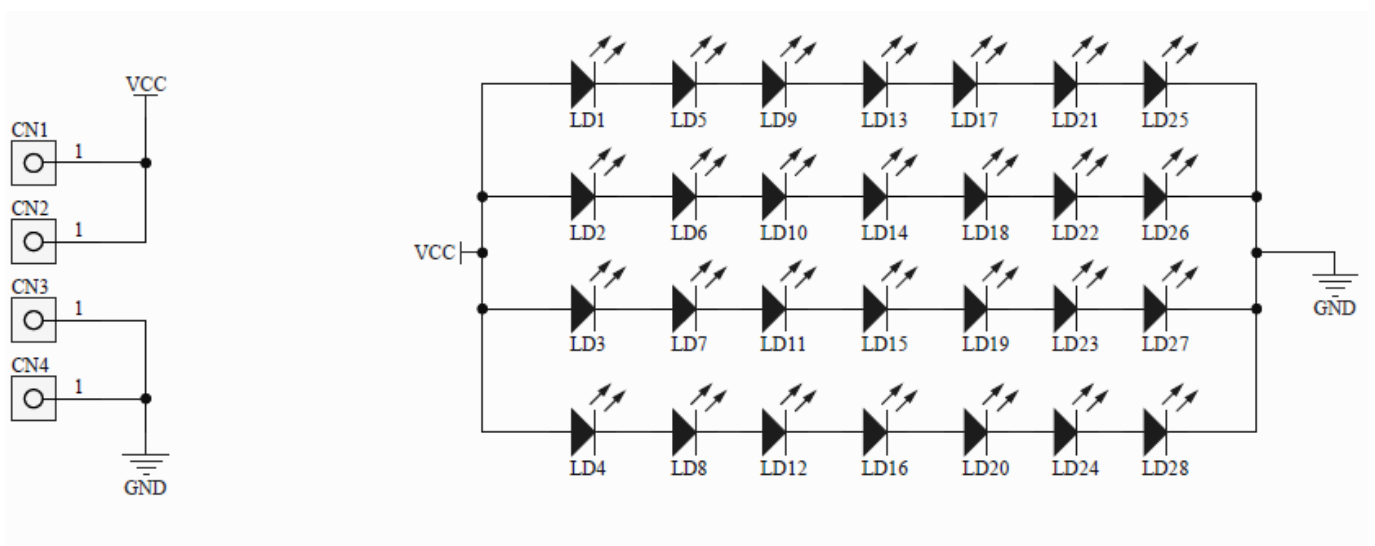
3,500K – 3 STEP BINS



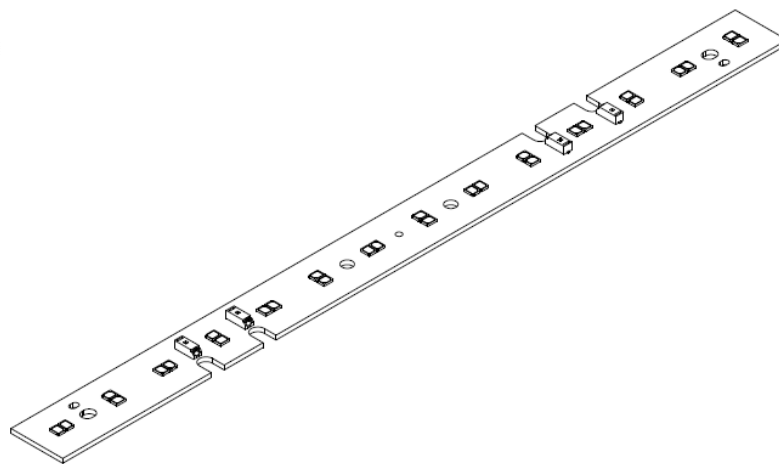
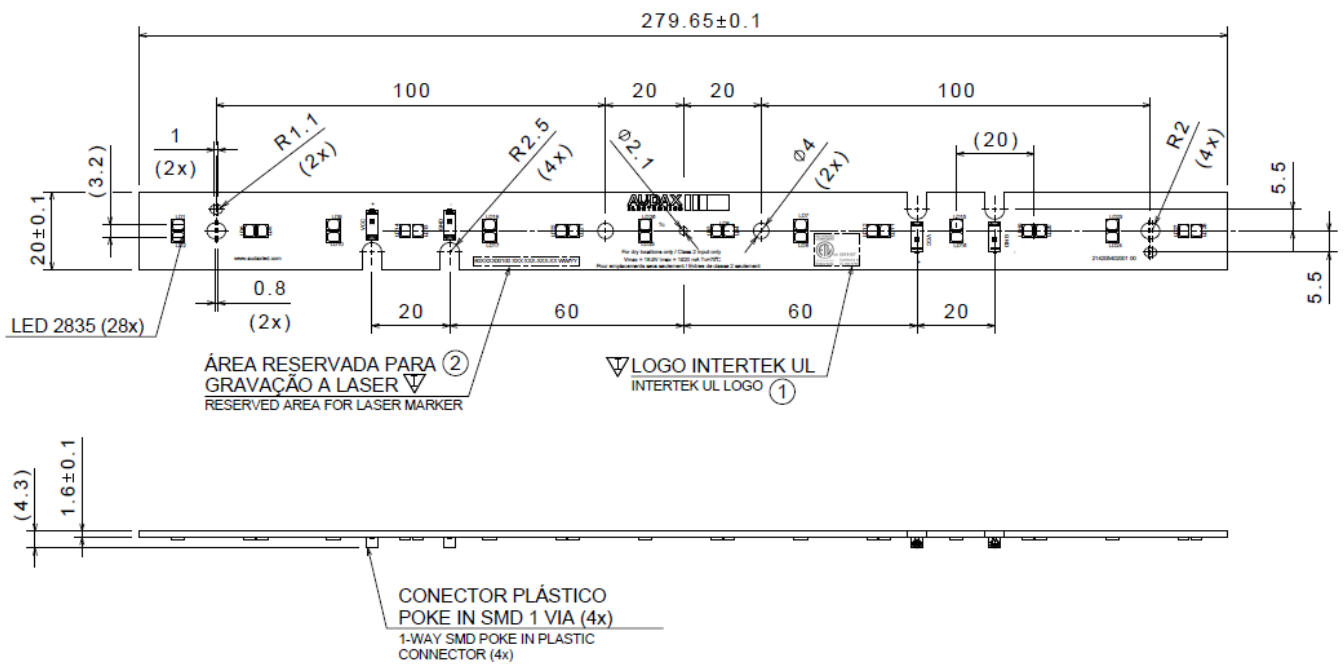
4,000K – 3 STEP BI



SCHEMATICS



MECHANICAL DRAWING



Isometric view

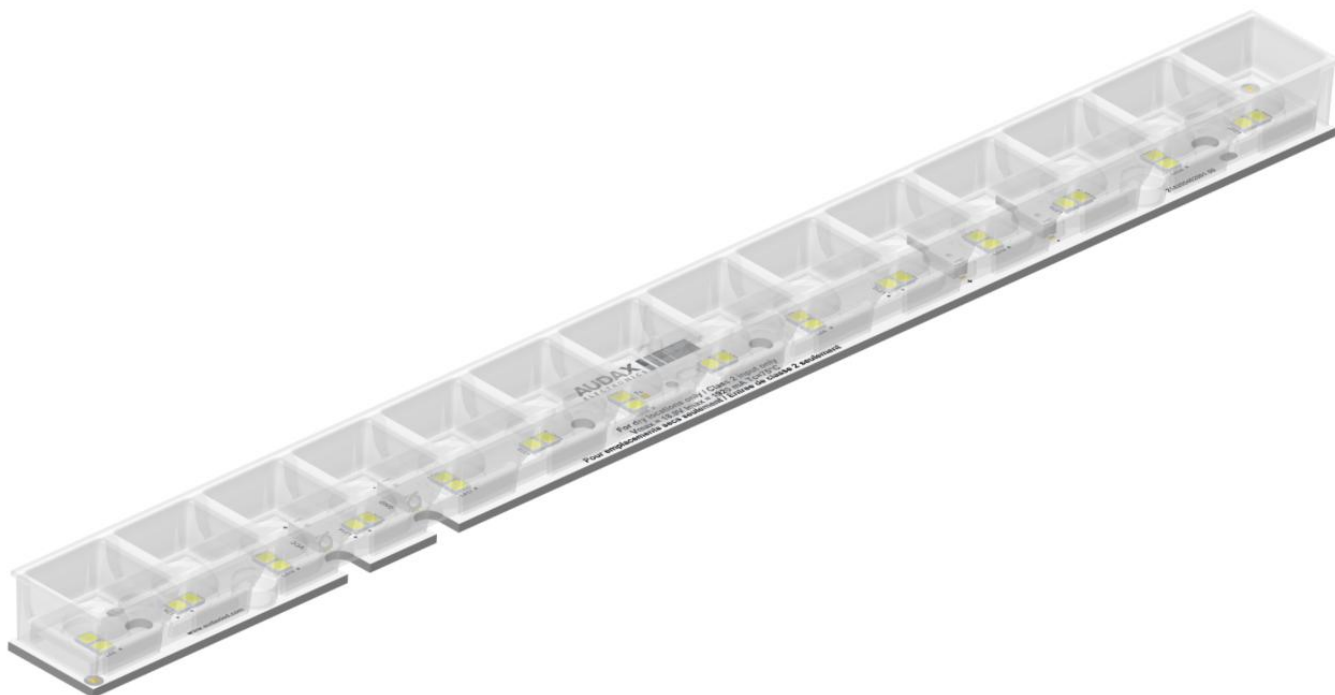
WIRING

Specification item	Value	Unit	Condition
Input wire cross-section	0.25.....0.34 24.....22	mm ² AWG	Solid wire
Input wire strip length	5.00	mm	Solid wire
Input wire cross-section	0.25.....0.34 24.....22	mm ² AWG	Stranded wire
Input wire strip length	5.00	mm	Stranded wire

COMPATIBLE OPTICS | LEDiL

MANUFACTURER	PART NUMBER	COLOR	MATERIAL	BEAM
LEDiL	DAISY-MINI-M	CLEAR	PMMA	~30°
LEDiL	DAISY-MINI-W	CLEAR	PMMA	~55°
LEDiL	DAISY-MINI-WW	CLEAR	PMMA	~65°
LEDiL	DAISY-MINI-M-D	MILKY	PMMA	~40°
LEDiL	DAISY-MINI-W-D	MILKY	PMMA	~55°
LEDiL	DAISY-MINI-WW-D	MILKY	PMMA	~65°
LEDiL	DAISY-MINI-WWW-D	MILKY	PMMA	~65°
LEDiL	DAISY-MINI-FT-D	CLEAR	PMMA	FORWARD BEAM

ASSEMBLY SUGGESTION



PACKAGE

Cardboard box 600X250X250 mm
EPE Tray 600X250X30 mm with 30 boards
MPQ 210 boards

REVISION HISTORY

VERSION	ENGINEER IN CHARGE	DATE	CHANGE
00	IP	March 12 th ,2026	Release