

AUDAX PRODUCT

Ulla-Up 24 LEDs

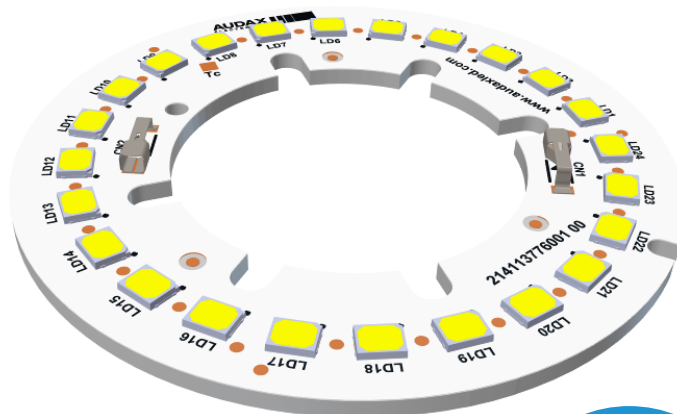
LIGHT ENGINE

APPLICATIONS

- General Lighting
- Decorative Lighting
- Indoor Lighting

CHARACTERISTICS

- ⚡ Efficacy up to 210 lm/W
- ⚡ 5-year warranty
- ⚡ 3-steps SDCM



G Class
Cree
2835

COLOR TEMPERATURE

	80 CRI	90 CRI
○	2200K 80tbd	2200K 80tbd
○	2700K 80704100100	2700K 80704500100
○	3000K 80704200100	3000K 80704600100
○	3500K 80704300100	3500K 80704700100
○	4000K 80704400100	4000K 80704800100
○	5000K 80tbd	5000K 80tbd
○	5700K 80tbd	5700K 80tbd
○	6500K 80tbd	6500K 80tbd

LIGHT ENGINE MODULE

This is a high-tech board created with the most advanced LED technology for lighting, offering high quality, better efficiency, and a competitive price.

Voltage
V_{board}

10.7 V
nominal

12.8 V
maximum

Current
I_{board}

165.0 mA
nominal

1440.0 mA
maximum

Temperature
T_c

75.0 °C
(167.0 °F)
nominal

84.0 °C
[183.2 °F]
maximum

SIMULATED VALUES

			
2,700K 80 CRI	30 mA	90 mA	176.9 lm
	2.6 V 0.1 W	10.3 V 0.9 W	190.4 lm/W
	55 mA	165 mA	324.7 lm
	2.6 V 0.1 W	10.5 V 1.7 W	187.3 lm/W
	240 mA	720 mA	1,333.7 lm
	2.9 V 0.7 W	11.5 V 8.3 W	161.3 lm/W

			
3,000K 80 CRI	30 mA	90 mA	183.5 lm
	2.6 V 0.1 W	10.3 V 0.9 W	197.6 lm/W
	55 mA	165 mA	337 lm
	2.6 V 0.1 W	10.5 V 1.7 W	194.4 lm/W
	240 mA	720 mA	1,384.2 lm
	2.9 V 0.7 W	11.5 V 8.3 W	167.4 lm/W

			
3,500K 80 CRI	30 mA	90 mA	189.6 lm
	2.6 V 0.1 W	10.3 V 0.9 W	204.1 lm/W
	55 mA	165 mA	348.1 lm
	2.6 V 0.1 W	10.5 V 1.7 W	200.8 lm/W
	240 mA	720 mA	1,430 lm
	2.9 V 0.7 W	11.5 V 8.3 W	173 lm/W

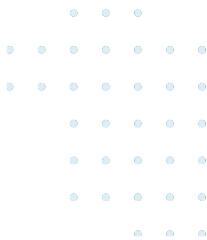
			
4,000K 80 CRI	30 mA	90 mA	195.1 lm
	2.6 V 0.1 W	10.3 V 0.9 W	210 lm/W
	55 mA	165 mA	358.2 lm
	2.6 V 0.1 W	10.5 V 1.7 W	206.6 lm/W
	240 mA	720 mA	1,471.2 lm
	2.9 V 0.7 W	11.5 V 8.3 W	177.9 lm/W

			
2,700K 90 CRI	30 mA	90 mA	150.1 lm
	2.6 V 0.1 W	10.3 V 0.9 W	161.6 lm/W
	55 mA	165 mA	275.6 lm
	2.6 V 0.1 W	10.5 V 1.7 W	159 lm/W
	240 mA	720 mA	1,132.1 lm
	2.9 V 0.7 W	11.5 V 8.3 W	136.9 lm/W

			
3,000K 90 CRI	30 mA	90 mA	156.8 lm
	2.6 V 0.1 W	10.3 V 0.9 W	168.8 lm/W
	55 mA	165 mA	287.9 lm
	2.6 V 0.1 W	10.5 V 1.7 W	166.1 lm/W
	240 mA	720 mA	1,182.5 lm
	2.9 V 0.7 W	11.5 V 8.3 W	143 lm/W

			
3,500K 90 CRI	30 mA	90 mA	162.3 lm
	2.6 V 0.1 W	10.3 V 0.9 W	174.7 lm/W
	55 mA	165 mA	297.9 lm
	2.6 V 0.1 W	10.5 V 1.7 W	171.8 lm/W
	240 mA	720 mA	1,223.7 lm
	2.9 V 0.7 W	11.5 V 8.3 W	148 lm/W

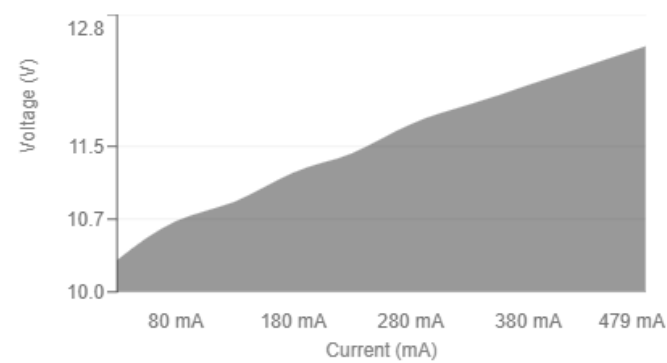
			
4,000K 90 CRI	30 mA	90 mA	167.7 lm
	2.6 V 0.1 W	10.3 V 0.9 W	180.6 lm/W
	55 mA	165 mA	307.9 lm
	2.6 V 0.1 W	10.5 V 1.7 W	177.6 lm/W
	240 mA	720 mA	1,265 lm
	2.9 V 0.7 W	11.5 V 8.3 W	153 lm/W



TECHNICAL GRAPHS

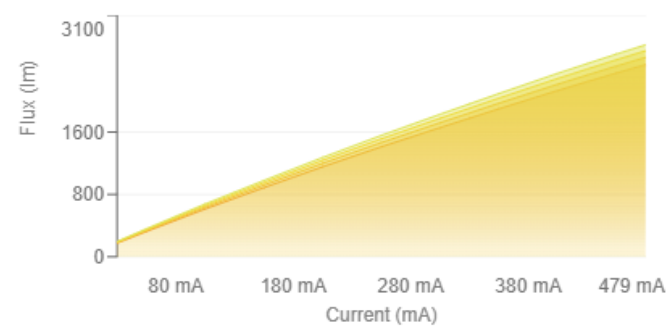
Current vs Voltage

Showing current vs voltage data



Current vs Flux (CRI 80)

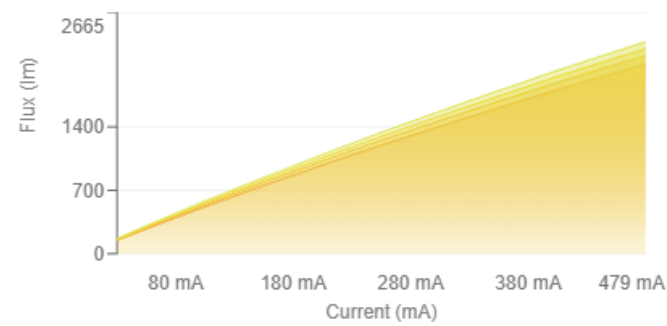
Showing current vs flux data for CRI 80



2.700K 3.000K 3.500K 4.000K

Current vs Flux (CRI 90)

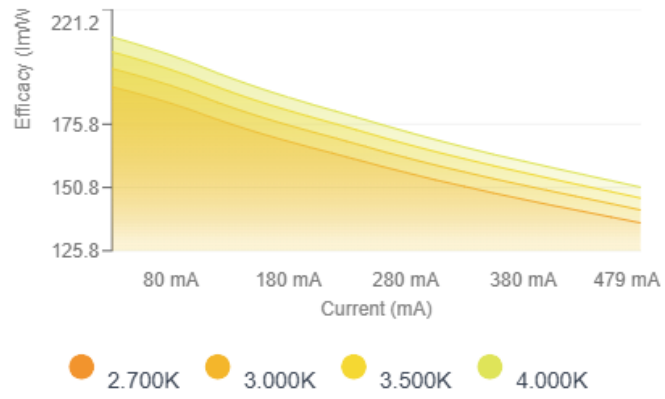
Showing current vs flux data for CRI 90



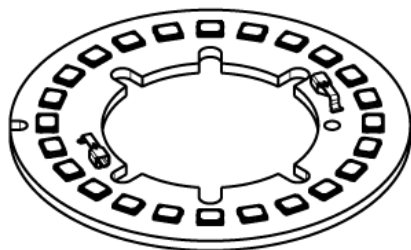
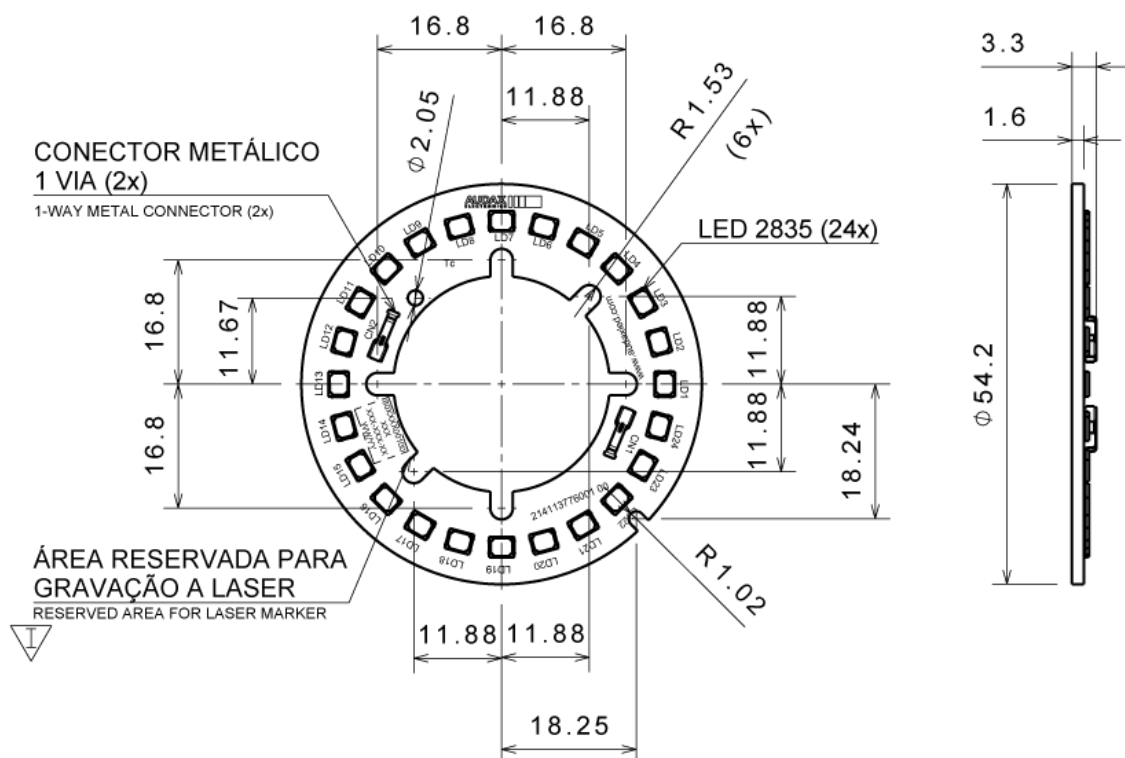
2.700K 3.000K 3.500K 4.000K

Current vs Efficacy (CRI 80)

Showing current vs efficacy data for CRI 80



MECHANICAL DRAWING



Isometric view
Scale: 1:1

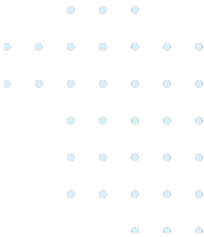


Notas:

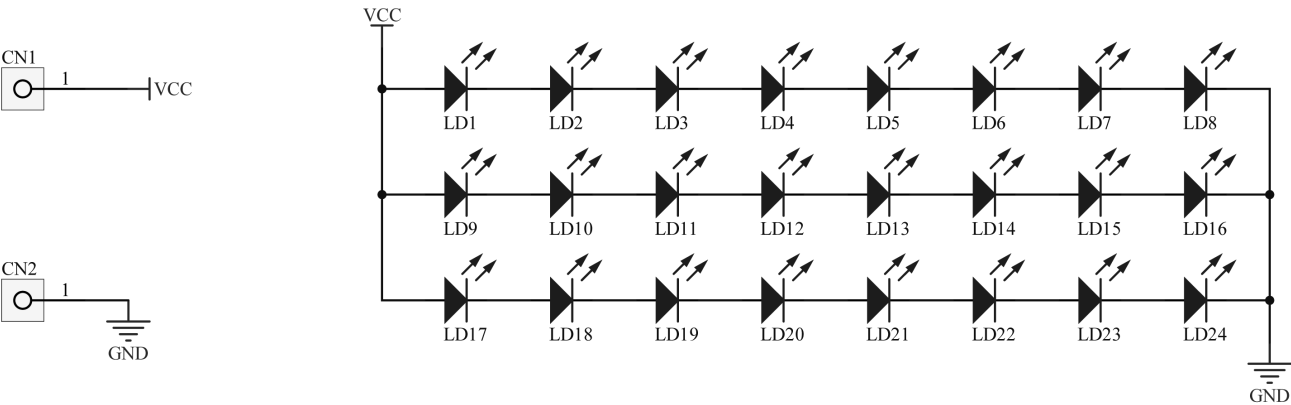
- Textos e logomarcas aplicados na placa são em serigrafia na cor preta;
- Tolerâncias não indicadas ver tolerâncias gerais;
- Dimensões não especificadas seguir conforme modelo matemático;

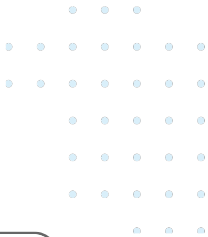
Notes:

- Description and logo applied with black silkscreen;
- General tolerance according to description on technical drawing header;
- Other dimensions see on 3D model.



SCHEMATIC





PACKAGE

Box Dimensions: 600 x 250 x 250 mm

Minimum Packaging Quantity: 297 units

Each cardboard box contains only one CCT / Part Number.

HISTORY UPDATES

Revision	Engineering Charge	Date	Change
00	KVN	April 15th, 2025	• Release

