ACE LEDS

Electrical Specifications

Driver type:	Constant Current
Drive Current:	308 mA Typ. / 800 mA Max.
Total Board Power:	11.8 W Typ. / 32.2 W Max
Life:	50,000 Hrs. @ 85˚C
Max Junction Temp:	85˚C
Max Test Point Temp:	120˚C
Operating Temp:	-40˚C to +105˚C
Storage Temp:	-40˚C to +100˚C
Viewing Angle (FWHM):	120˚ Lambertian distribution

* The “M” is a reference letter that indicates that the module can be built with either Cree or Samsung LEDs.

LE56C/XX80*M/22

22” LINEAR

Manufactured in the USA as a component for BABA & Buy American compliant LED Luminaires.

LE56C/XX80*M/22 • Nominal Forward Voltage: 38.2 V Typ. / 40.2 V Max.

Model	Color Temp (K)	CRI (Ra)	Forward Voltage (V)	Drive Current (mA)	Power (W)	Lumens	Efficacy (Lm/W)
LE56C/2780*M/22	2700	80	38.2 Typ. / 40.2 Max	308 Typ. / 800 Max	11.8 Typ. / 32.2 Max	2068 Typ. / 4833 Max	175.8 Typ. / 150.3 Max
LE56C/3080*M/22	3000					2159 Typ. / 5045 Max	183.5 Typ. / 156.9 Max
LE56C/3580*M/22	3500					2217 Typ. / 5182 Max	188.4 Typ. / 161.1 Max
LE56C/4080*M/22	4000					2284 Typ. / 5339 Max	194.1 Typ. / 166.0 Max
LE56C/5080*M/22	5000					2284 Typ. / 5339 Max	194.1 Typ. / 166.0 Max

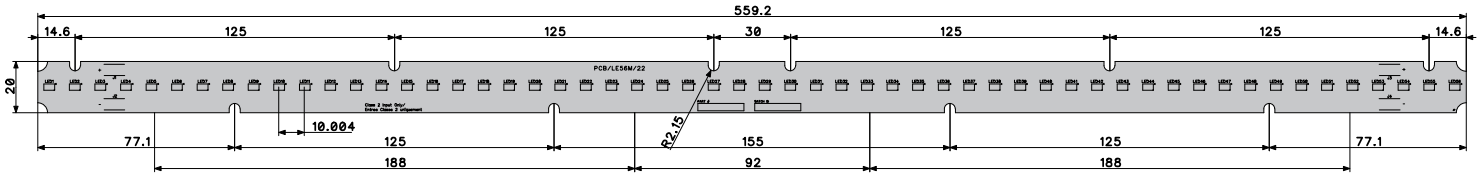
Overview:

- Constant Current DC Array
- 14 LEDs in series x 4 parallel strings
- Designed for easy use in standard luminaires
- 3-step MacAdam Ellipse
- UL Recognized Components

Connectivity:

For Poke-In Connectors use #24-18 AWG stranded or BJB Connector, Part # 70-9296-001-003-006

Dimensions:



- 2.0 W/m*K Aluminum MCPCB material
- 1.6 mm board thickness

Disclaimer: The modules referenced in this document are designed for use with either Cree, Lumileds, or Samsung LEDs, unless explicitly specified otherwise, as is the case with Turtle-friendly modules. The inclusion of the letter “M” in the model number signifies that the standard configuration assumes the utilization of Cree, Lumileds, or Samsung LEDs.

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