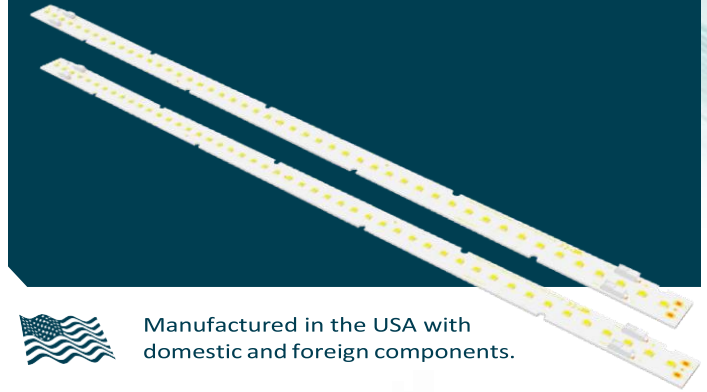


# LE96C/XX80M/22

22" LINEAR



Manufactured in the USA with domestic and foreign components.

## Electrical Specifications

|                       |                              |
|-----------------------|------------------------------|
| Driver type           | Constant Current             |
| Drive Current         | 900 mA Typ. / 1,800 mA Max.  |
| Total Board Power     | 41.1 W Ty. / 91.1 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 |

LE96C/XX80M/22 • Nominal Forward Voltage: 45.6 V Nom. / 50.9 V Max.

| Model          | Current mA | Initial Lumens | Voltage | Power | Lm/W |
|----------------|------------|----------------|---------|-------|------|
| LE96C/4080M/22 | 300        | 2568           | 43.2    | 12.96 | 198  |
|                | 600        | 4995           | 44.48   | 26.69 | 187  |
|                | 900        | 7275           | 45.6    | 41.04 | 177  |
|                | 1200       | 9408           | 46.88   | 56.26 | 167  |
|                | 1500       | 11403          | 48.48   | 72.72 | 157  |
|                | 1800       | 13257          | 50.88   | 91.58 | 145  |

| CCT   | Multiplier |
|-------|------------|
| 2700  | 93%        |
| 3000  | 96%        |
| 3500  | 97%        |
| 5000  | 101%       |
| 6500  | 100%       |
| 90CRI | 87%        |

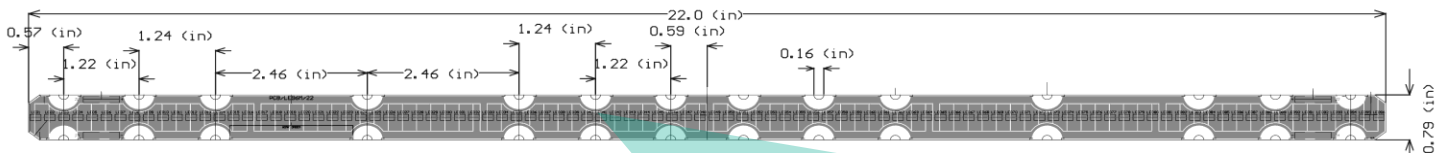
## Overview:

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

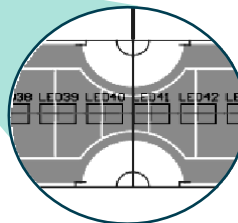
## Connectivity:

For Poke-In Connectors use #24-18 AWG stranded or BJB Connector, Part # 46.141.1001.50

## Dimensions:



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



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Data is based upon tests performed by AC Electronics in a controlled environment and representative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. All specifications are nominal unless otherwise noted.