

# LE42C/XX80S/22

42 LEDs, 22" x 0.79" LINEAR



Manufactured in the USA with domestic and foreign components.

## Electrical Specifications

Driver type	Constant Current
Drive Current	300 mA Typ. / 900 mA Max.
Total Board Power	11.7 W Typ. / 40.1 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

## LE42C/XX80S/22 • Nominal Forward Voltage: 39.0 V Nom. / 44.6 V Max.

Model	Current mA	Initial Lumens	Voltage	Power	Lm/W
LE42C/4080S/22	150	1123	37.8	5.67	198
	300	2187	38.92	11.68	187
	450	3185	39.9	17.96	177
	600	4120	41.02	24.61	167
	750	4995	42.42	31.82	157
	900	5809	44.52	40.07	145

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

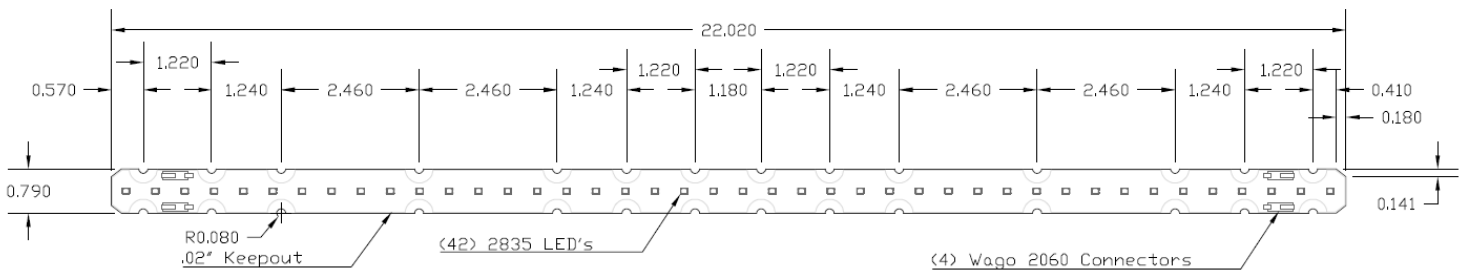
## Overview:

- Constant Current DC Array
- 14 LEDs in series x 3 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:



- MCPCB board material
- 0.8mm 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.