



Description: Constant Current Linear LED Module

- Surface Mount, Recessed or Suspended Luminaires
- Long life
- Highly efficient
- The typical driver output is 350mA@48V

Part Number	Nominal					CRI
	Current (A)	Initial Lumens	Vf (Volts)	Power (W)	Lm/W	
LE48/LM561B/7XX	0.350	2490	48	16-18	148	≥81.4



• MID Flux Bin Values are shown for CCT of 5000K. Tolerance of ±10% at 25°C.
 • Vf is at 25°C with max tolerance of ±5%.

Application

- Min. Ambient Operation Temp: -40°C
- Max. Board Temp.: ≤85°C
- Max. Current Rating: 0.450 Amps

Regulatory

- RoHS Compliant

Module Notes:

- Uses 48 Samsung LM561B LEDs
- Uses Wago Connector

Warranty:

- *7 Year Warranty when used with a recommended AC Electronics Driver

Mechanical Dimensions

- Length: 22.0"
- Width: 0.79"
- Height: 0.25

General Performance Specifications

- Lumen maintenance L₇₀ 7 years, T_c=95°C
- Color consistency <3SDCM

General LED Module Modification Options

Modification

Board Form Factors
 PCB Material
 Mounting Options
 Electrical Connectors
 Power Polarity Protection
 PCB Labeling
 LED Color
 LED Color Temperature
 Color Rendering Index (CRI)

Possible Options

Square, Oval and Rectangular
 Aluminum Required
 screw holes, thermal tape, keyhole
 AVX, Tyco Available
 Silk Screen, Stick-Down
 Warm White, Neutral White, Cool White
 2700°K, 3000°K, 4000°K, 5000°K, 5700°K
 80, 90, 95

Part Number Options

Part Number	CCT
LE48/LM561B/730	3000°K
LE48/LM561B/735	3500°K
LE48/LM561B/740	4000°K
LE48/LM561B/750	5000°K

NOTE: Not all modifications and options are available on all LED modules. Please contact us for details. Application and performance specification subject to change without notification.

Testing Notes:

- Performance Data taken at 25°C ambient
- Power consumption and photometric performance are typical values
- Lumen maintenance is based upon LM80 testing and TM-21 calculations

COMPATIBLE AC Electronics LED DRIVER OPTIONS

Model	Boards (Parallel)	Dimensions LxWxH (inches)	Output Power	Input Power	Min PF (Full Load)	Output Volts	Current Output
AC-25CD1.25AMMV	1	6.22 x 1.73 x 1.22 x 5.86	25W	31W	>0.95	15-55V	350-1250mA
AC-30CD1.25AMNY	1	5.23 x 2.48 x 1.18 x 4.48	30W	37W	>0.90	15-55V	350-1250mA
AC-40CD1.4AMSC	2	12.8 x 1.34 x 1.06 x 12.5	40W	47W	>0.90	15-55V	400-1400mA
AC-50CD1.4AMNZ	2	5.23 x 2.48 x 1.18 x 4.48	50W	31W	>0.90	15-55V	400-1400mA
AC-60CD1.4AMPU	2	12.8 x 1.34 x 1.06 x 12.5	60W	31W	>0.90	27-55V	700-1400mA
AC-98CD2.1AMMY	4	15.55 x 1.49 x 1.14 x 15.23	98W	31W	>0.90	27-55V	1050-2100mA

Dimming Protocol 0 to 10V - Dimming Range 1 to 100%

*Seven year warranty valid ONLY when installed with a recommended AC Electronics Mag 7™ Programmable LED Driver.
 All LED Modules must be properly affixed to an appropriate thermal absorbing/radiating substrate.
 Call AC Electronics for additional LED Modules Plus warranty information.

Made in the USA