

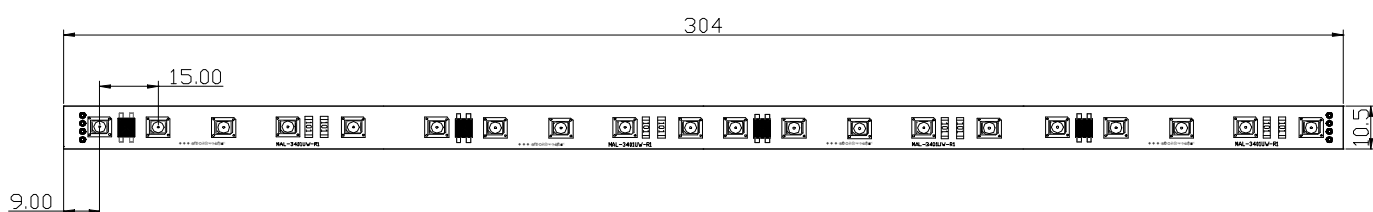
Description

The PLCC Strip signage light module is comprised of a linear array of solid state light emitting diodes (PLCCs) mounted on an elongated printed circuit board. The advanced chip technology make this high performacne yet low operating cost sinage application possible. Choices of five colors - red, yellow, orange, green, and blue. It is easily transported, mounted on any surface with minimal surface penetration, and need minimal maintenance.

Features

- LED-based solid state lighting module
- Long operation life and low power requirement
- High reliability in wide operating temp.
- Wide viewing angle and uniform appearance
- Easy modular interconnectivity
- High luminous intensity

Package Dimension



unit : mm

Selection Guide

Part Number	Color	Unit
MAL-3401R	Red	mm
MAL-3401Y	Yellos	mm
MAL-3401UG	Green	mm
MAL-3401UB	Blue	mm
MAL-3401UW	White	mm

Electrical Characteristics

Parameter	Typical	Units
Voltage Red-Yellow	12	V
Current Red-Yellow	0.15	A/feet
Blue-Green-White	0.11	A/feet
Max. Run Length	32	feet
Power Dissipation (Pd) Red, Yellow, Blue,	1.80	W/feet
Green, White	2.64	W/feet

Temperature Ratings

Storage Temperature Power Supply	-20°C to + 85°C
All other components	-40°C to + 100°C
Operating Temperature Power Supply	-10°C to + 60°C
All other components	-40°C to + 85°C

Optical Characteristics

Dominant Wavelength (λ_{dom})	Typical	Units
Red	625	nm
Yellow	592	nm
Green	525	nm
Blue	470	nm
White	NA	nm

Luminance (L)	Typical	Units
Red	340	cd/m ²
Yellow	467.5	cd/m ²
Green	119	cd/m ²
Blue	46.75	cd/m ²
White	510	cd/m ²