

LED THINGLOW™ SERIES PRO



THINGLOW™ NON-WATERPROOF COLOR STRIPS

ThinGlow™ LED illumination system is broadly used for general illumination within commercial and residential applications. The ThinGlow™ is incredibly versatile and its ease of install makes it an excellent and economical choice for cove, under/over cabinet, toe kick, display case, light boxes, accent, back lighting, stairway, and other illumination applications.

ThinGlow™ uses a continuous flexible conductor carrier to electronically connect the LED modules, which can be mounted to any finished surface with its adhesive backing that covers 100% of the strips backing. ThinGlow line is the only LED system in the industry with replaceable LED modules.

APPLICATIONS

- Decoration for ceiling, wall, and contour marking
- Elegant interior decoration
- Backlight for advertising signs
- Signal lighting
- Indoor display

BENEFITS

- Use high brightness PLCC-2 SMD LEDs as lighting source
- Even light with 120° viewing angle
- Available in various colors
- Highly flexible material, enabling application to all accessible surfaces
- Convenient connector between two strips
- Each strip is 1 feet (18 LEDs) long, which can be cut into segments at the cutting mark
- 30 ft (30 strips) in each reel
- UL and ROHS compliant

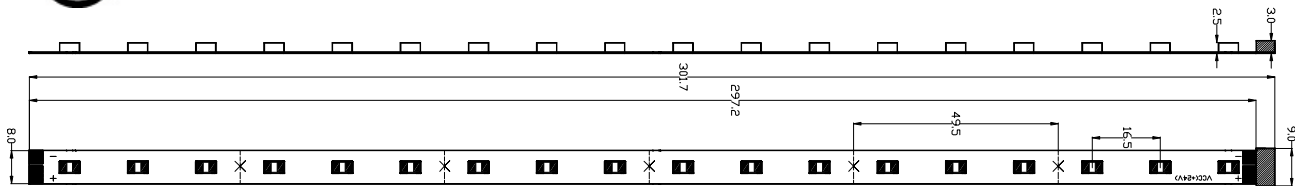


OPTICAL PARAMETERS AT TA=77°F

Part Number	Length (ft)	No. of LEDs	Power (W)	Input Voltage (VDC)	Current (A)	CCT/Wavelength	Lumens (lm)	Lumens /ft	Minimum Working Unit
IL-TG-R-12V-P	16.4	300	24	12	2	624nm (Red)	435	26.5	3 LED / 5CM
IL-TG-Y-12V-P	16.4	300	24	12	2	590nm (Yellow)	435	26.5	3 LED / 5CM
IL-TG-G-12V-P	16.4	300	24	12	2	515nm (Green)	900	54.9	3 LED / 5CM
IL-TG-B-12V-P	16.4	300	24	12	2	470nm (Blue)	285	17.4	3 LED / 5CM
IL-TG-CW-12V-P	16.4	300	24	12	2	6500K	1800	109.8	3 LED / 5CM
IL-TG-NW-12V-P	16.4	300	24	12	2	4100K	1670	101.8	3 LED / 5CM
IL-TG-WW-12V-P	16.4	300	24	12	2	3500K	1600	97.6	3 LED / 5CM
IL-TG-WW-12V-P	16.4	300	24	12	2	2700K	1600	97.6	3 LED / 5CM
IL-TG-RGB-12V-P	16.4	180	36	12	3	625, 515, 470 nm	-	-	3 LED / 8.3CM
IL-TG-R-24V-P	16.4	300	24	24	1	624nm (Red)	435	26.5	6 LED / 10CM
IL-TG-Y-24V-P	16.4	300	24	24	1	590nm (Yellow)	435	26.5	6 LED / 10CM
IL-TG-G-24V-P	16.4	300	24	24	1	515nm (Green)	900	54.9	6 LED / 10CM
IL-TG-B-24V-P	16.4	300	24	24	1	470nm (Blue)	285	17.4	6 LED / 10CM
IL-TG-CW-24V-P	16.4	300	24	24	1	6500K	1800	109.8	6 LED / 10CM
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IL-TG-WW-24V-P	16.4	300	24	24	1	3500K	1600	97.6	6 LED / 10CM
IL-TG-WW-24V-P	16.4	300	24	24	1	2700K	1600	97.6	6 LED / 10CM
IL-TG-RGB-24V-P	16.4	180	36	24	1.5	625, 515, 470 nm	-	-	6 LED / 16.6CM

DIMENSIONS

Length	Width	Height
196.8 in	0.31 in	0.094 in



ELECTRICAL PARAMETERS

Parameters	Symbol	Values		Unit/ strip
Operating Voltage	Vopr	IL-TG-R/Y/ G/B/CW/NW/WW-12V-P	12 (+/-5%)	V
Power Dissipation Max (V=12VDC)	PD	IL-TG-R/Y-12V	0.9	W
		IL-TG-G/B/CW/NW/WW-12V-P	1.3	
Operating Temperature	Topr	-30 – +85 (-22 – +185)		°C (°F)
Storage Temperature	Tstg	-30 – +85 (-22 – +185)		°C (°F)

Parameters	Symbol	Values		Unit/ strip
Operating Voltage	Vopr	IL-TG-R/Y/ G/B/CW/NW/WW-24V -P	24 (+/-5%)	V
Power Dissipation Max (V=24VDC)	PD	IL-TG-R/Y-24V -P	0.9	W
		IL-TG-G/B/CW/NW/WW-24V -P	1.3	
Operating Temperature	Topr	-30 – +85 (-22 – +185)		°C (°F)
Storage Temperature	Tstg	-30 – +85 (-22 – +185)		°C (°F)

SCHEMATIC CIRCUIT DIAGRAM

