

# GM Lighting

## 12VDC LEDTASK™ HIGH OUTPUT FLEXIBLE LED LINEAR RIBBON IN A 30M (98.5') REEL

Project: \_\_\_\_\_

Type: \_\_\_\_\_

Location: \_\_\_\_\_

Contact Phone: \_\_\_\_\_

### PRODUCT DESCRIPTION

A high lumen output flexible LED linear ribbon that conforms to straight, curved and irregular architectural coves, indoor steps and bannisters, interior recesses, undercabinet and task areas, and other constructs where even, energy saving high lumen output LED illumination is specified. Available in a 30 meter (98.5') reel. Ribbon can be cut in field to achieve desired length.

### PRODUCT SPECIFICATIONS

**Construction:** LEDTask High Output Flexible LED Ribbon incorporates 1872 .14W LED diodes per reel and are mounted to a flexible copper buss. The ribbon is conveniently wound on a 30 meter (98.5 ft) reel. Each reel is shipped in a moisture proof package and is also supplied with appropriate connectors.

**Connectors:** Five meter reel includes 3 - LTW-24 ribbon to power supply connectors, with 1 - LTW-24 affixed to start of reel.

**Electrical:** 19 LED's per foot. Each LED is .14W. 2.6W per foot. 30 meter reel is 21 amps. 50,000 hour LED life. Must be wired every 16' (5 amps).

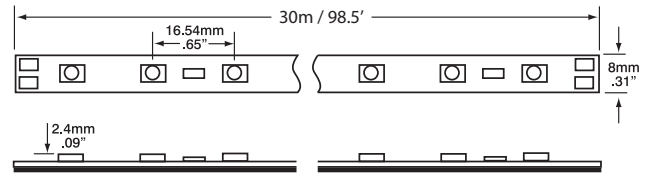
**Color Temperature:** 2700K or 3500K warm white and 4200K natural white. Kelvin temp. (color) ± 200K.

**Power Supplies:** See chart at right for complete descriptions and catalog numbers.

**Dimming:** Yes with dimmable power supplies (see at right) utilizing low voltage magnetic on/off wall dimmer (GMWD-600).

**Cutting and Mounting:** Linear ribbon can be cut every three LEDs. Ribbon utilizes 3M double stick tape.

**Label:** ETL. UL File No. E326687. American Lighting Association



### ELECTRONIC POWER SUPPLIES DIMMABLE MAGNETIC POWER SUPPLIES

Cat. No.	Description
LTP-2	2 Amp - Switchable - 120V Cord and Plug. Class II 12VDC @ 2 amps. Electronic.
LTP-6	5 Amp - Switchable - 120V Cord and Plug. Class II 12VDC @ 5 amps. Electronic.
LTH-2	2.1 Amp - 12V DC - 25W Metal Chassis Hardwire Screw terminals
LTH-4	4.2 Amp - 12V DC - 50W Metal Chassis Hardwire Screw terminals
LTH-8	8.5 Amp - 100W Metal Chassis Hardwire Screw terminals and mounting feet. Electronic.
LTH-16	16.7 Amp - 200W Metal Chassis Hardwire Screw terminals and mounting feet. Electronic.
LTH-25	25 Amp - 320W Metal Chassis Hardwire Screw terminals and mounting feet. Electronic.
LTHM50-DIM	Dimmable - Primary: 120VAC, 60Hz, 0.33A Secondary: 12VAC, 12VDC, 4A Max. 50W
LTH-60-DIM	Dimmable - Primary: 120VAC, 60Hz, 0.33A Secondary: 12V AC/DC, 12VDC, 4A Max. 60W
LTHM100-DIM	Dimmable - Input: 120VAC, 60Hz, Output: 12VDC 8A Max. 100W, Nema 3R Enclosure
LTHM300-DIM	Dimmable - Primary: 120VAC, 60Hz, 25A Output: 12VDC, Double Section Bobbin, Max. 300W
LTHM150-CL2-DIM	Dimmable - Input: 120VAC, 60Hz, 5A, 3 circuit Class II Output: 12VDC, Man. reset, 150W, UL for indoor use.
LTHM300-CL2-DIM	Dimmable - Input: 120VAC, 60Hz, 6 circuit Class II Output: 12VDC x 6, 25A Max. 300W, UL for indoor and outdoor use
GMWD-600	600W magnetic wall dimmer with on/off switch. Single pole. 120V/60Hz. White finish. For use with all GM Lighting 12VDC and 24VDC Mag. Dimmable Power Supplies

For power supply dimensions, please see [www.gmlighting.com](http://www.gmlighting.com)

**NOTE: Must be wired every 16' (5 amps).**

### FLEXIBLE LED RIBBON CONNECTORS and ACCESSORIES

Cat. No.	Description
LTC-1	Flexible Ribbon to Ribbon Connector
LTC-3	3" Flexible Ribbon to Ribbon Connector
LTC-12	12" Flexible Ribbon to Ribbon Connector
LTC-24	24" Flexible Ribbon to Ribbon Connector
LTC-36	36" Flexible Ribbon to Ribbon Connector
LTC-60	60" Flexible Ribbon to Ribbon Connector
LTW-6	6" Flexible Ribbon to Power Supply Connector
LTW-24	24" Flexible Ribbon to Power Supply Connector
LTW-48	48" Flexible Ribbon to Power Supply Connector
LTW-60	60" Flexible Ribbon to Power Supply Connector
GMSB-W	Splice box - white 2"L x 1"W x 5/8"D
GMSB-B	Splice box - black 2"L x 1"W x 5/8"D

Catalog No.	Color*	Total LEDs	LED Watts	Amps per Reel	Lumens per Ft.	Ribbon Length	LED Life
LTR300-100-27	2700K Warm White	1872 19 per ft.	0.14W 2.6W per ft.	21	152	30 meters 98.5 ft.	50,000 hrs.
LTR300-100-WW	3500K Warm White	1872 19 per ft.	0.14W 2.6W per ft.	21	198	30 meters 98.5 ft.	50,000 hrs.
LTR300-100-42	4200K Natural White	1872 19 per ft.	0.14W 2.6W per ft.	21	222	30 meters 98.5 ft.	50,000 hrs.

\*Kelvin temperature (color) ±200



GM Lighting, LLC • 9830 W. 190th St. • Unit F • Mokena, IL 60448  
Toll-Free: (866) 671-0811 FAX: (708) 478-2640 • [www.gmlighting.com](http://www.gmlighting.com)  
e-mail: [gmlightingllc@sbcglobal.net](mailto:gmlightingllc@sbcglobal.net) • Specifications subject to change without notice.



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