



Catalog Number	
Project	Type

## FEATURES & SPECIFICATIONS

**APPLICATION** — Low profile recessed luminaires designed for retail applications where superior color rendering and performance are needed for appropriate product display. With 50,000 hours of life at L70 standard and a 5-year limited warranty the fixture maintenance cost is reduced substantially over time.

**CONSTRUCTION** — Low profile body with matte white sloped side members. Extruded acrylic lens.

**FINISH** — Post painted housing and components with a Lighting White Polyester type paint which has a UV stabilizer included with a 93% reflectivity. Raw steel goes through our custom wash system with a mild solvent and pre treatment "rust inhibitor" before passing through a preheat oven. After the paint is applied the fixture then passes through the cure oven for maximum adhesion. Each fixture is painted to a minimum of 2-3 mil thickness for extra durability.

**OPTICAL SYSTEM** — High performance LED platform delivers main beam focus through the optically designed acrylic lens. The linear ribbed acrylic lens manages the balance between efficiency and aesthetics. Linear arrayed LED modules provide diffuse, but effective illumination.

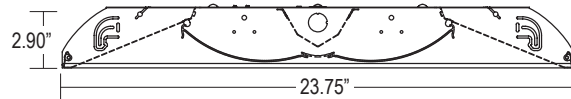
**ELECTRICAL SYSTEM** — Long life LED's and high efficiency drivers work together to provide superior performance in an efficient package to deliver optimal performance. LED's available in 3000K, 4000K and 5000K with a CRI >84. Electronic drivers are available in 120/277 volt applications. 0-10V dimming as well as 50% step dimming capabilities available upon request. When in the step dimming 50% position the 0-10V leads may still be utilized for further dimming control.

**LISTINGS** — ETL listed. LM79 and LM80 tested.

**WARRANTY** — The complete luminaire is covered by a 5-year limited warranty.



## 2x4 Lay-In LED Troffer RETAILMASTER™



DesignLights Consortium® Qualified. Please go to [www.designlights.org](http://www.designlights.org) for the current Qualified Products List. Further details about qualified models may be found under Family Models.

Series	Housing Height	Length & Width
<b>LRM24</b>	2.90"	47.75" x 23.75"

## ORDERING INFORMATION

Choose the bold face options for the appropriate luminaire configuration for your application and enter on the line above each fixture attribute. Accessories may be factory installed, depending on the particular accessory chosen, but still be ordered as a separate line item.

Series	Drive Current	Color Temp/CCT	Voltage	Options
<b>LRM24</b>	<b>S</b> Standard (700 mA) <b>M</b> Medium (1050 mA) <b>H</b> High (1400 mA)	<b>30</b> 3000K <b>40</b> 4000K <b>50</b> 5000K	<b>1</b> Multi-Volt <sup>1</sup>	<b>LEB13</b> 1300 Lumen Emergency Ballast <b>FBF</b> Fast-Blow Fuse <b>SBF</b> Slow-Blow Fuse <b>AC63</b> 6', 3/8" dia., Armored Flex Cable <b>AR</b> Air Supply/Return (slots in side trim)

Example: **LRM24 S 40 1**

NOTES  
1 Multi-Volt is 120/277V.

## Technical Data

Drive Current	Color Temp	Delivered Lumens	System Wattage	L70 @ 25°C (hrs)	Amperage Draw	
					120V	277V
S (700 mA)	3000K	4277	43W	>50K	0.35 A	0.16 A
	4000K	4660	43W	>50K	0.35 A	0.16 A
	5000K	4825	43W	>50K	0.35 A	0.16 A
M (1050 mA)	3000K	5536	75W	>50K	0.63 A	0.28 A
	4000K	6032	75W	>50K	0.63 A	0.28 A
	5000K	6246	75W	>50K	0.63 A	0.28 A
H (1400 mA)	3000K	7464	89W	>50K	0.75 A	0.33 A
	4000K	8133	89W	>50K	0.75 A	0.33 A
	5000K	8421	89W	>50K	0.75 A	0.33 A

NOTES

1 Actual wattage may differ by ±5% while operating 120/277V ±10%.



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