



## Lighting Your Way.

Get the most from your LED investment, with lighting quality that makes a difference for the productivity and safety of your employees.

Mercmaster™ LED Low Profile Luminaires provide a broad, evenly distributed light pattern that can be tailored in the field. This is the one harsh and hazardous location luminaire you can specify to meet all your low-mount application requirements – without compromise.

With three light output levels available, replacing HID fixtures up to 150 Watts is easy. They have a low weight, slimmer profile, smaller diameter and a robust design. Plus, no heat dissipation fins are required. They are perfectly suited for low mounting heights of 15 feet or less.



To learn more contact your Appleton representative or visit us at [www.appletonelec.com](http://www.appletonelec.com).

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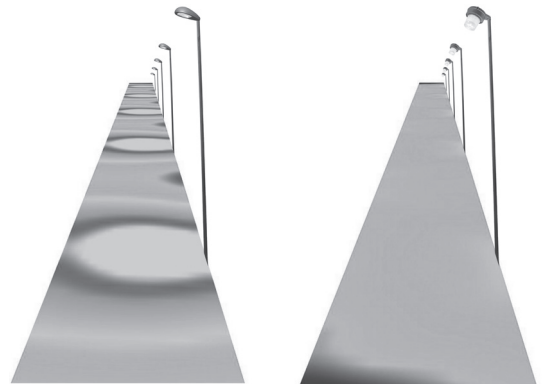
# One Luminaire for LED Simplicity.

Choose the right lighting levels for any low-mount application while eliminating spotlight effects and dark spots. Mercmaster™ LED Low Profile luminaires offer a choice of globes and an optional 30° reflector to achieve the optimum light distribution for any application.

- Choose light outputs from 2,500 to 5,000 lumens, with far less power consumed and heat generated per lumen.
- Ensure uniform light distribution without spotlight effects or dark spots in low-mount applications from 7 to 15 feet.
- Optimize lighting with a choice of four globes and a 30° angled reflector that can be installed in the field to increase beam spread, eliminate glare and redirect light.
- Mount to existing Mercmaster hoods in minutes, with no additional wiring required. One luminaire can be adapted for pendant, ceiling, wall or stanchion applications.
- This compact, low-profile LED luminaire weighs under 10 pounds and never requires relamping.
- Mercmaster LED Low Profile is robust enough to use in the toughest environments, including refineries, chemical plants, processing plants and more.
- Industrial and hazardous location versions are cULus Listed to UL and CSA standards: Type 3R, 4, 4X, IP66, Suitable for Use in Wet Locations.
- Hazardous location versions are cULus Listed to UL and CSA standards: Class I, Division 2, Groups A, B, C, D; Class I, Zone 2, Group IIC; Class II, Division 1, Groups E, F, G; Class II, Division 2, Groups F, G; Class III.

## Light Where You Need It

Compare these two 3-foot-wide walkways with 25° stanchion fixtures mounted every 15 feet along the side. Fixtures are 7 feet high. The competitor's luminaire produces hot spots and shadows along the walkway. Consuming only half the power, the Mercmaster LED Low Profile with prismatic refractor delivers more evenly distributed light, with no hot spots, while maintaining more than the desired 5 foot-candles of light.



Competitor's Low-Mount LED

Mercmaster LED Low Profile

### Mercmaster™ LED Low Profile | Product Ordering Guide | Example: MLLEDA22P5BU1

MLLED: Mercmaster™ LED Low Profile, Pendant Mount, 2K Lumens, 5700K CCT, 3/4" NPT Hub, NEMA Type V Clear Polycarbonate Globe, 120-277 Vac, 50/60 Hz, 120V Photocontrol.

<p><b>MLLED</b></p> <p>Series:</p> <p><b>MLLED</b> - Mercmaster™ LED Low Profile</p> <p><b>IMLLED</b> - Industrial Mercmaster LED Low Profile Series</p>	<p><b>A</b></p> <p>Mounting:</p> <p><b>A</b> - Pendant</p> <p><b>C</b> - Ceiling ①</p> <p><b>D</b> - Pendant Cone Hood ①</p> <p><b>R</b> - 90° Stanchion</p> <p><b>S</b> - 25° Stanchion</p> <p><b>D</b> - Wall</p>	<p><b>2</b></p> <p>Lumen Output ②:</p> <p><b>2</b> - 2K Lumens, 5700K CCT</p> <p><b>3</b> - 3K Lumens, 5700K CCT</p> <p><b>4</b> - 4K Lumens, 5700K CCT</p>	<p><b>2</b></p> <p>Hub Size:</p> <p><b>2</b> - 3/4" NPT</p> <p><b>3</b> - 1" NPT</p> <p><b>4</b> - 1-1/4" NPT Stanchion</p> <p><b>5</b> - 1-1/2" NPT Stanchion</p>	<p><b>P5</b></p> <p>Globe/Refractor:</p> <p><b>P5</b> - NEMA Type V Clear Polycarbonate Globe</p> <p><b>D5</b> - NEMA Type V Diffused Polycarbonate Globe</p> <p><b>G5</b> - NEMA Type V Glass Globe ③</p> <p><b>J5</b> - NEMA Type V Glass Refractor ③</p>	<p><b>BU</b></p> <p>Voltage:</p> <p><b>BU</b> - 120-277 Vac, 50/60 Hz</p> <p><b>BH</b> - 347-480 Vac, 50/60 Hz</p>	<p><b>1</b></p> <p>Options:</p> <p><b>F</b> - Fusing ④</p> <p><b>1</b> - Photocontrol 120V ⑤</p> <p><b>2</b> - Photocontrol 208V ⑤</p> <p><b>3</b> - Photocontrol 240V ⑤</p> <p><b>4</b> - Photocontrol 277V ⑤</p>
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① Ceiling and pendant cone hood mounted luminaires are not designed to use the PCD2 photocontrol. Ceiling mounts must use an FS/FD box with a photocontrol. Contact your local sales representative for more information.

② For specific lumen output information, see Lamp Comparison Chart.

③ Guards for the glass refractors and globes are ordered separately. See the Accessories for more information.

④ Factory installed.

⑤ Luminaires with photocontrol are not rated IP66, Marine Outside Type (Salt Water), or Class II. Photocontrol available for 120-277 Vac only.