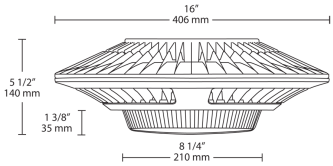
GLED78YW/D10

78 Watts of energy efficient LED garage lighting replaces 250 Watt Metal Halide. 100,000 hour LED lifespan. 5 year warranty. High-performance output maximizes spacing criterion.

Color: White

Weight: 18.2 lbs



LED Info

Watts:	78W
Color Temp:	3000K (Warm)
Color Accuracy:	83
L70 Lifespan:	100000
LM79 Lumens:	5762
Efficacy:	64 LPW

Driver Info

Type:	Constant Current
120V:	0.74A
208V:	0.47A
240V:	0.41A
277V:	0.35A
Input Watts:	90W
Efficiency:	87%

Technical Specifications

GLED78 with Dimmable Driver:
Driver includes dimming control for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%.

UL Listing:
Suitable for Wet Locations. Covered Ceiling Mount Only.

Lumen Maintenance:
100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

LEDs:
6x13W high-output, long-life LEDs.

Drivers:
3x26W Driver, Constant Current, Class 2, 100V-277V, 50/60 Hz, 6kv Surge Protection, 720mA, 100-277VAC 0.4 Amps.

Power Factor:
99.6% at 120V, 91% 277V

THD:
8.0% at 120V, 11% at 277V

Cold Weather Starting:
Minimum starting temperature is -40°C (-40°F).

Ambient Temperature:
Suitable for use in 40°C (104°F) ambient temperatures.

Thermal Management:
Superior heat sinking with integrated air-flow fins.

Housing:
Precision die-cast aluminum housing and door frame.

Mounting:
Easy hanging plate with hooks for ceiling mount.

Lens:
Prismatic polycarbonate lens.

Reflector:
Specular vacuum-metallized polycarbonate

Gaskets:
High-temperature silicone.

Finish:
Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

Color Consistency:
3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

Color Stability:
LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period.

Color Uniformity:
RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2011.

Equivalency:
The GLED78 is Equivalent in delivered lumens to 250W Metal Halide.

Green Technology:
Mercury and UV Free, and RoHS compliant.

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IESNA LM-79 & LM-80 Testing:
RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy "Lighting Facts" label.

California Title 24:
GLED78/D10 complies with 2013 California Title 24 building and electrical codes as a commercial indoor fixture for corridors, stairwells, warehouses and covered parking garages when used with the RAB Stealth Dimmer. Use catalog code STLDIM10 to order a Stealth Dimmer module.

Patents:
The design of GLED78 is protected by patents pending in US, Canada, China, Taiwan and Mexico.

Country of Origin:
Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

Buy American Act Compliant:
This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

Recovery Act (ARRA) Compliant:
This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

Trade Agreements Act Compliant:
This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

GSA Schedule:
Suitable in accordance with FAR Subpart 25.4.

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