FEATURES

OPTICAL SYSTEM

- Three preset distribution patterns allow designers to achieve various design objectives.
- Reflector – Clear anodized upper reflector and 6-inch self-flanged finishing trim provide 50° cut-off, optimal efficiency and glare control while maintaining a smooth beam pattern that is free of hot spots and striations.
- Protective lamp guard utilizes clear ceramic technology that reduces UV emissions and provides higher heat tolerance and better protection than standard borosilicate lenses.

MECHANICAL SYSTEM

- One-piece die-cast aluminum housing provides 3 square feet of surface area to dissipate heat and improve lamp life. Entire housing is coated with black paint to minimize visibility when installed in open ceiling construction.
- Lamp is accessible from above or below the ceiling without the use of tools. All hardware is captive.
- 16-gauge painted steel mounting/plaster frame accommodates up to 1-1/2” thick ceiling materials.
- 16-gauge galvanized steel mounting bars with continuous 4” vertical adjustment are shipped pre-installed. Post installation adjustment possible without the use of tools from above or below ceiling.
- Secondary housing adjustment system for precise, final ceiling to luminaire alignment eliminates trims that protrude into the space.
- Galvanized steel J-box with bottom hinged access covers and spring latches. Two combination 1/2”-3/4” and three 1/2” knockouts for straight-through conduit runs. Capacity: 8 (4 in, 4 out) No. 12 AWG conductors rated for 90° C.

ELECTRICAL SYSTEM

- Heavy-duty mini-can socket for T-4 lamp is integrated into the cast housing for effective heat dissipation.
- Thermally-activated insulation detector attached to J-box is accessible from above or below the ceiling.

LISTING

- Fixtures are UL listed for thru-branch wiring, recessed mounting and damp locations and are Non J/C rated. Listed and labeled to comply with Canadian Standards.
- Suitable for installation on non-fire resistant material.

ORDERING INFORMATION

Choose the boldface catalog nomenclature that best suits your needs and write it on the appropriate line.

<table>
<thead>
<tr>
<th>Type</th>
<th>Catalog number</th>
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<td>Incandescent Downlights</td>
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6" GQ

Ellipsoidal
Open Reflector
Quartz Halogen T4 Lamp

Example: GQ 500 M 6AR

GQ

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<tr>
<th>Series</th>
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<th>Distribution</th>
<th>Aperture/Trim color</th>
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<td>GQ</td>
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<td>6MB Black baffle</td>
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<td>6WB White baffle</td>
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NOTES

1 Recommended for use with frosted lamp.
2 Not available with LD or LS finish.
3 For compatible Reloc systems, refer to Technical Bulletins tab.
GQ 500 N 6AR "NARROW," (1) 500Q EYX lamp, 10100 rated lumens, 0.4 s/mh, test no. LTL13662

GQ 500 M 6AR "MEDIUM," (1) 500Q EYX lamp, 10100 rated lumens, 0.8 s/mh, test no. LTL13661

GQ 500 W 6AR "WIDE," (1) 500Q EYX lamp, 10100 rated lumens, 1.1 s/mh, test no. LTL13660

NOTES:
1. Tested to current IES and NEMA standards under stabilized laboratory conditions. Various operating factors can cause differences between laboratory data and actual field measurements. Dimensions and specifications are based on the most current available data and are subject to change without notice.
2. Consult factor of IES file for other photometric reports.