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GRAINGER INTERNATIONAL, INC.
GLOBAL SOURCING DIVISION

GGG TECHNICAL SPECIFICATION

SPECIFICATION NUMBER 3RB17	REVISION #: 2	REV. DATE: 8/31/04
DESCRIPTION 200W Vapor-Tight Ceiling Light Fixture	SPEC AUTHOR: SC	DATE: 8/31/04

IMPORTANT NOTE: Always refer to the *GGG Supplier Handbook* for specific information regarding bar code labels, shipping, packaging and product quality control.

1.0 BRAND:

LUMAPRO

2.0 PRODUCT DESCRIPTION:

200W Vapor-Tight Ceiling Fixture

3.0 PRODUCT PHOTOS



4.0 PRODUCT REQUIREMENTS

Performance (speed, wear, load capacity, etc.)	Value or Requirement
Product Application	Used for lighting applications in non-explosive, heavy-duty outdoor, moist or dusty environments. Product is UL-listed for wet locations only if a water-proof outlet box and a water proof conduit or pipe fitting is used, or a liquid-tight conduit or pipe fitting is used.
Basic Construction	Painted die-cast (rust proof) aluminum housing with a screw-on guard (also secured to the base by a set screw) that covers a gasketed vapor-tight screw-in glass globe which protects the light bulb and electrical connections.
Globe (protects bulb)	Tempered clear glass approximately 3.25" in DIA that forms a vapor-tight seal over the lamp when screwed into the base of the fixture. Globe must screw easily into the base and must physically accommodate Type A21 Rough Service lamps.
Guard (protects globe)	Guard is die cast aluminum (or other GGS-approved rust-free material) that fits easily over the glass globe and screws easily into the base. Nominal guard openings are 2-3/8" x 1-3/8". The guard must also be secured to the base with a stainless steel set screw.
Base	Vapor-tight base has internal threads to mate with glass globe and external threads to mate with guard. Rough dimensions of base: 1.2" tall by 3.7" (± 0.1 ") diameter. Base is secured by four stainless steel screws to the junction box cover with a rubber gasket in between mating surfaces of the base and junction box cover.

Junction Box	Vapor-tight box has two flanges with 0.23" holes for mounting, 180° from each other. Box has UL approved internal ground screw. Box has four 3/4" NPT taps on the sides 90° from each other sealed with rubber gasket die cast aluminum plugs. Box has one tapped 3/4" NPT tap with 3/4" to 1/2" aluminum reducer bushing on the top and rubber gasket between mating surfaces of box and box cover . Rough dimensions of junction box: 1.95" tall (including cover) X 4.1" (± 0.1") diameter.
Wire and Exit Leads	All fixture wire must be UL recognized 16 or 18 AWG. Three insulated wires are to exit through the base of the fixture: 1-Black, 1-White and 1-Ground. All wires must meet the requirements of UL 1598. The exposed wire must be a minimum of 6.0" in length with the wire ends pre-stripped a minimum of 1/2" leaving the insulation on over pre-tinned copper.
Lamp Socket	Lamp socket must be UL recognized or listed porcelain or ceramic and must meet or exceed the requirements of UL1598.
Rough Dimensions	10.0" H x 4.25"W
Rough Weight	3.0 lbs
Maximum Lamp Wattage	200 Watt Type A Incandescent Lamp
Operating Voltage	120 VAC / 60 Hz +/- 5%
Supply Conductors	Must be rated 125C minimum.
Seals and Gaskets	All exposed separable parts must be sealed and/or gasketed to meet UL 1598.

Material (alloy, strength, plastic type, etc.)	Value or Requirement
Base and Guard	Die cast aluminum or other GGS-approved rust-free metal.
Globe	Screw top clear tempered glass

Finish / Color (type, PMS color, texture, etc.)	Requirement
Exterior Finish	All exposed exterior surfaces must be painted light gray using an exterior grade, harsh-environment, scratch-resistant coating or paint (such as powder coat or two-part epoxy).
Finish Requirements	All visible surface finishes must have the finish applied uniformly and continuously. The applied finish must not exhibit any visual defects such as blisters, scratches, peeling, bubbles, and/or cracks. Any applied finish must adhere to surface with no signs of delamination or peeling.

Graphics / Labels Applied to Product	Description / Placement
Holographic UL Label: E149562	Permanently applied to interior surface that is not readily seen by the end user (such as on the lamp socket or inside the base).
Min. 150C supply conductors Not For Use In Dwellings Suitable For Wet Locations Non Combustible Surface Only E149562 Incandescent	These words are to be shown on a flag that is applied to the exposed wires.
Mfg's model no. and Grainger stock number (SKU)	On lamp socket or other visible area.
CAUTION RISK OF FIRE RELAMP WITH 200 WATT MAXIMUM TYPE A LAMP	These words must be applied to an exposed area of the guard or base so they are clearly viewable by an installer.
Date Code label	Permanently applied to interior surface that is not readily seen by the end user (such as on the lamp socket or inside the base).
Appearance of Label or Printing	All labels must be applied straight and evenly without any air-bubbles or creases and they must adhere uniformly to the surface. All surface printing or embossing must be permanent and legible without pinholes, smearing, or other such defects that would render the print unreadable.

Special Features	Requirement
N/a	

5.0 ACCESSORIES INCLUDED with PRODUCT (OIPM, extra parts, packaging inserts, etc.)

Description	Quantity / Notes
OIPM	1
3/4" to 1/2" reducer bushing for connection to 1/2" conduit	1
Cardboard inserts on top and bottom of product packaging to protect product during shipping and enable product to sit perpendicular on flat surface (will not lean or tilt to one side).	2

6.0 COMPLIANCE and CERTIFICATION (list any UL, CSA, ANSI, OSHA, ASTM, etc. requirements)

AGENCY	REQUIREMENT
UL	Product must meet UL1598 (luminaries) requirements