

LSI ABOLITE LED STANDARD DOME (RD)

US patents D581584 & D598162 & D581585 CN patent 2630873 and US & Int'l. patents pending

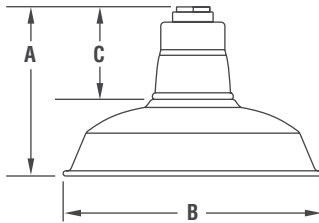


Directional Optics



Symmetrical Optics

DIMENSIONS



Prefix	Height (A)	Diameter (B)	Neck (C)	Weight (lbs./kg)
RD 100	8-1/4" (210mm)	12" (305mm)	4-1/2" (114mm)	2.5 (1.13kg)
RD 150	9-1/2" (241mm)	14" (356mm)	4-1/2" (114mm)	3.0 (1.36kg)
RD 200	10" (254mm)	16" (406mm)	4-1/2" (114mm)	3.5 (1.59kg)
RD 300	11" (279mm)	18" (457mm)	5" (127mm)	3.5 (1.59kg)

APPLICATIONS - Ambient Lighting and Accent Lighting. Interior or Exterior.

PRODUCT HIGHLIGHTS

- **"Green" Energy-Saving** - Reduces greenhouse gas emissions, slashes operating costs, extends life and eliminates costly lamp disposal involving mercury waste.
- **Long Lasting Sparkle** - LED light beam contains no heat, and no UV, which means degradation in color or quality of the product under display is minimized.
- **Dramatically Lower Maintenance Costs** - 60,000-hour LED source extends life 3 to 5 times as compared to conventional HID sources, 30 times incandescent.
- **Integrated Power Supply** - Built into fixture allowing RLM to be connected directly to line voltage.

FINISH - Available in either architectural textured, high gloss or satin finish.

LEDS - Select high-brightness LEDs. Expected life: minimum 60,000 hours to 100,000 hours depending upon the ambient temperature of the installation location. See LSI web site for specific guidance. 5000°K color temperature (nominal).

MOUNTING - Fixed hub tapped for 3/4" NPT conduit. Pre-wired with 96" leads or black or white cord sets. Use of Standard Cord Sets limits use to damp locations only.

REFLECTOR - Heavy duty spun galvanized steel construction with polyester powder coat finish.

ELECTRICAL - Integral power supply operates on 120-240 VAC (50/60Hz) input; no external power supplies required.

LIGHT OUTPUT - 750 lumens with an input power of 10 watts.

OPERATING TEMPERATURE - -40°C to +50°C (-40°F to +122°F).

DRIVER - State-of-the-art driver designed specifically for RLM fixtures provides unsurpassed system efficiency. Components are fully encased in potting material for moisture resistance. Driver complies with IEC and FCC standards.

OPTIONAL DIRECTIONAL OPTICS - Allows field adjustment of the light beam for directional illumination of signage. Available with LDS96 WL mounting.

WARRANTY - LSI LED fixtures carry a limited 5-year warranty.

LISTING - Listed to U.S. and Canadian safety standards. Suitable for wet locations.

Also available in traditional light sources

This product, or selected versions of this product, meet the standards listed below. Please consult factory for your specific requirements.

ARRA
Funding Compliant



LSI ABOLITE LED STANDARD DOME (RD)

LUMINAIRE ORDERING INFORMATION

TYPICAL ORDER EXAMPLE: **RD 200 10 CW LED UE MSV LDS96 WL DO**

Prefix	# of LED's	Color Temperature	Light Source	Input Voltage	Reflector Color	Mounting	Options
RD 100 RD 150 RD 200 RD 300	10	CW - Cool White (5000°K)	LED	UE ¹ - Universal Electronic (120-240)	MSV-Metallic Silver GWT-Gloss White GBK-Gloss Black GRD-Gloss Red GPT-Textured Graphite RUS-Textured Rust SCP-Satin Copper STQ-Satin Turquoise SVG-Satin Verde Green	LDS96 WL - Factory prewired leads for use with stem or bracket mounting CA120BLK ² CA120WHT ² CA120BLKS ² CA120WHTS ² RC72BLKS ²	DO - Directional Optics ³

- 1- Fixture will not operate on 277VAC (120-240 only).
- 2- Cordsets are damp location only. Cannot be used with DO option.
- 3- Available with LDS9WL mounting only.

CANOPY ORDERING INFORMATION (Accessories are field installed)	
Description	Order Number
3/4" (19mm) Tap Decorative Box Cover Aligner - Gloss White	BC600 3 GWT
3/4" (19mm) Tap Round Box Cover Aligner - Zinc	BC585 ZINC
3/4" (19mm) Tap Square Box Cover Aligner - Zinc	BC585SQ ZINC

- Standard BC600 finish is Gloss White Powder; other RLM colors available.

WIRE GUARD ORDERING INFORMATION (Accessories are field installed)	
Description	Order Number
12' (.3m) Convex Wire Guard - Metallic Silver	COG 12 MSV
14' (.4m) Convex Wire Guard - Metallic Silver	COG 14 MSV
16' (.4m) Convex Wire Guard - Metallic Silver	COG 16 MSV
18' (.5m) Convex Wire Guard - Metallic Silver	COG 18 MSV

- Standard finish is Metallic Silver Powder; other RLM colors available.

CONDUIT SYSTEM ORDERING INFORMATION (Accessories are field installed)	
Description	Order Number
3/4" x 3" (19mm x76mm) Aluminum Stem - Gloss White	ST 3 3 GWT
3/4" x 6" (19mm x152mm) Aluminum Stem - Gloss White	ST 6 3 GWT
3/4" x 12" (19mm x .4m) Aluminum Stem - Gloss White	ST 12 3 GWT
3/4" x 18" (19mm x .5m) Aluminum Stem - Gloss White	ST 18 3 GWT
3/4" x 24" (19mm x .6m) Aluminum Stem - Gloss White	ST 24 3 GWT
3/4" x 36" (19mm x .9m) Aluminum Stem - Gloss White	ST 36 3 GWT
3/4" x 48" (19mm x 1.2m) Aluminum Stem - Gloss White	ST 48 3 GWT
3/4" x 60" (19mm x 1.5m) Aluminum Stem - Gloss White	ST 60 3 GWT
3/4" x 72" (19mm x 1.8m) Aluminum Stem - Gloss White	ST 72 3 GWT
3/4" (19mm) Alum. Stem Coupler - Gloss White	COP 3 GWT

- Standard finish is Gloss White Powder; other RLM colors available.

GOOSE NECK BRACKET ORDERING INFORMATION (Accessories are field installed)	
Description	Order Number
3/4" (19mm) Aluminum Gooseneck Bracket - Gloss White	GB A 3 GWT
3/4" (19mm) Aluminum Gooseneck Bracket - Gloss White	GB B 3 GWT
3/4" (19mm) Aluminum Gooseneck Bracket - Gloss White	GB C 3 GWT
3/4" (19mm) Aluminum Gooseneck Bracket - Gloss White	GB D 3 GWT
3/4" (19mm) Aluminum Gooseneck Bracket - Gloss White	GB E 3 GWT
3/4" (19mm) Aluminum Gooseneck Bracket - Gloss White	GB F 3 GWT
3/4" (19mm) Aluminum Gooseneck Bracket - Gloss White	GB G 3 GWT
3/4" (19mm) Aluminum Gooseneck Bracket - Gloss White	GB H 3 GWT
3/4" (19mm) Aluminum Gooseneck Bracket - Gloss White	GB J 3 GWT
3/4" (19mm) Aluminum Gooseneck Bracket - Gloss White	GB K 3 GWT
3/4" (19mm) Aluminum Gooseneck Bracket - Gloss White	GB P 3 GWT
3/4" (19mm) Aluminum Gooseneck Bracket - Gloss White	GB U 3 GWT

WALL BRACKETS ORDERING INFORMATION (Accessories are field installed)	
Description	Order Number
Contemporary Wall Bracket - Medium - Gloss White	CWBM 1 GWT
Contemporary Wall Bracket - Long - Gloss White	CWBL 1 GWT
Nostalgic Aluminum Wall Scroll Bracket - Gloss White	DWB 1 GWT

BRACKETS

- See Indoor section for detail on bracket sizes and shapes.
- Standard finish is Gloss White Powder; colors available.
- Designed for mounting to recessed 4" (102mm) octagon box (by others).