



Catalog #: \_\_\_\_\_ Project: \_\_\_\_\_

Prepared By: \_\_\_\_\_ Date: \_\_\_\_\_ Type: \_\_\_\_\_

**RD**

# LSI Abolite® LED Standard Dome



wet location



## OVERVIEW

Lumen Range	1,250 - 1,700
CCT	27/30/35/40/50K
Wattage Range	9.3 - 12.8

## QUICK LINKS

[Ordering Guide](#)[Performance](#)[Dimensions](#)

## FEATURES & SPECIFICATIONS

### Construction

- Heavy gauge spun steel with a thermally cured high quality polyester powder coat finish.
- Integrated power supply built into the fixture allowing the RLM to be connected directly to line voltage.
- Manufactured in the USA

### Optical System

- Available in 5000K, 4000K, 3500K, 3000K, and 2700K color temperatures
- Glass Globe required for outdoor applications
- Minimum CRI of 80

### Electrical

- Standard Universal Voltage (120-277 Vac) Input 50/60Hz
- 0-10V dimming, 5% standard
- Operating Temperature -30°C to +50°C (-22°F to +122°F)

### Installation

- Pre-wired with 96" leads standard.
- Optional 10' prewired cord set and canopy available in black and white
- Optional 10' prewired cord set, aircraft wire, and canopy available in black and white
- Fixed hub tapped for 3/4" NPT conduit.
- Not designed for upright applications.

### Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to <https://www.lsicorp.com/resources/terms-conditions-warranty/> for more information.

### Listings

- UL Listed
- Suitable for wet locations





# LSI Abolite® LED Standard Dome

## ORDERING GUIDE

[Back to Quick Links](#)TYPICAL ORDER EXAMPLE: **RD 300 17L UNV 35 GPT LDS96WL**

Prefix	Lumen Package	Voltage	Color Temp	Lens <sup>2</sup>	Finish	Mounting Options
<b>RD 100</b>	<b>12L</b> - 1250 lms	<b>UNV</b> - Universal Voltage (120/277V) <b>120</b> - INC	<b>50</b> - 5,000K	<b>Blank</b> - Flat lens (indoor LED only) <b>CGG6</b> - Clear Glass Globe 6-3/4" <b>FGG6</b> - Frosted Glass Globe 6-3/4" <b>PGG6</b> - Prismatic Glass Globe 6-3/4"	<b>MSV</b> - Metallic Silver <b>GWT</b> - Gloss White <b>GBK</b> - Gloss Black <b>GRD</b> - Gloss Red <b>GPT</b> - Textured Graphite <b>RUS</b> - Textured Rust <b>SCP</b> - Satin Copper <b>STQ</b> - Satin Turquoise <b>SVG</b> - Satin Verde Green	<b>LDS96WL</b> - Prewired leads. For use with stem or bracket mounting in wet or indoor locations. <b>CA120WHT</b> - 10' prewired white cord set and canopy <sup>3</sup> <b>CA120BLK</b> - 10' prewired black cord set and canopy <sup>3</sup> <b>CA120WHTS</b> - 10' prewired white cord set and canopy with SWAG <sup>3</sup> <b>CA120BLKS</b> - 10' prewired black cord set and canopy with SWAG option <sup>3</sup>
<b>RD 150</b>	<b>15L</b> - 1500 lms		<b>40</b> - 4,000K			
<b>RD 200</b>	<b>17L</b> - 1700 lms		<b>35</b> - 3,500K			
<b>RD 300</b>	<b>INC<sup>1</sup></b> - Incandescent		<b>30</b> - 3,000K <b>27</b> - 2,700K <b>(blank)</b> - INC			

- Lamp supplied by other. E26 MED Base socket.
- Flat lens for indoor LED applications only. Globe required for outdoor applications.
- Cordsets are damp location only.

## Accessory Ordering Information

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" (304mm) Convex Wire Guard - Metallic Silver	COG 12 MSV
14" (356mm) Convex Wire Guard - Metallic Silver	COG 14 MSV
16" (406mm) Convex Wire Guard - Metallic Silver	COG 16 MSV
18" (457mm) Convex Wire Guard - Metallic Silver	COG 18 MSV

Standard finish is Metallic Silver Powder; other RLM colors available

GLOBE GUARD ORDERING INFORMATION (Accessories are field installed)	
Description	Order Number
6-3/4" Cast Aluminum Globe Guard	GGDC6
6-3/4" Wire Globe Guard	GGW6

- Standard finish is Natural Aluminum; other RLM colors available

STEM ORDERING INFORMATION (Accessories are field installed)	
Description	Order Number
3/4" x 3" (19mm x 76mm) Aluminum Stem - Gloss White	ST 3 3 GWT
3/4" x 6" (19mm x 152mm) 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.

\*CA5 Wall Plate Bracket ordered separately

GOOSE NECK BRACKETS 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 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 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

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

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
Contemporary Wall Box - Gloss White	CRB GWT
Wall Plate Bracket*	CA5 GWT

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

\*CA5 to be ordered for Stem mount applications.





# LSI Abolite® LED Standard Dome

## PERFORMANCE

[Back to Quick Links](#)

DELIVERED LUMENS																	
Lumen Package	CRI	2700K			3000K			3500K			4000K			5000K			Wattage
		Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	
12L	80	1168	127	B1-U0-G0	1301	142	B1-U0-G0	1158	126	B1-U0-G0	1156	126	B1-U0-G0	1156	126	B1-U0-G0	9.3
15L		1411	129	B1-U0-G0	1571	144	B1-U0-G0	1399	128	B1-U0-G0	1396	128	B1-U0-G0	1396	128	B1-U0-G0	10.9
17L		1596	125	B1-U0-G0	1777	139	B1-U0-G0	1582	124	B1-U0-G0	1579	123	B1-U0-G0	1579	123	B1-U0-G0	12.8

\*Photometric performance values shown are representative with flat lens option. Alternate glass globe option outputs will vary. Consult factory.

ELECTRICAL DATA*					
Lumen Package	Wattage	120V	208V	240V	277V
12L	9.3	0.08	0.04	0.04	0.03
15L	10.9	0.09	0.05	0.05	0.04
17L	12.8	0.11	0.06	0.05	0.05

\*Electrical data at 25C (77F). Actual wattage may differ by +/-10%.

## PRODUCT DIMENSIONS

[Back to Quick Links](#)

Prefix	Height (A)	Diameter (B)	Neck (C)	Weight (lbs./kg.)
RD100	8-1/4" (210mm)	12" (305mm)	4-1/2" (114mm)	2.5 (1.1kg)
RD150	9-1/2" (241mm)	14" (356mm)	4-1/2" (114mm)	3.0 (1.36kg)
RD200	10" (254mm)	16" (406mm)	4-1/2" (114mm)	3.5 (1.59kg)
RD300	11" (279mm)	18" (457mm)	5" (127mm)	4.0 (1.81kg)

