Spec Grade
PROlite LED Lighting™
A Division of Emergensee® Lighting, Inc.

Job Name:
Type:
Part #:
Notes:

PABOLITE

LED STANDARD DOME (RD)

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

QUICK LINKS

Ordering Guide | Performance | Photometrics | Dimensions

FEATURES & SPECIFICATIONS

Construction

- Heavy gauge spun galvanized 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 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° 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 uplight applications.

Warranty

- LSI fixtures carry a limited 5-year warranty.
- Complete warranty terms located at: https://www.lsi-industries.com/resources/terms-and-warranty.aspx.

Listings

- UL Listed
- Suitable for wet locations

Office: 215-512-8100
www.EmergenseeLight.com

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TYPICAL ORDER EXAMPLE: **RD 300 17L UNV 35 GPT LDS96WL**

Prefix	Lumen Package	Voltage	Color Temp	Lens[2]	Finish	Mounting Options
RD 100 **RD 150** **RD 200** **RD 300**	**12L** - 1250 lms **15L** - 1500 lms **17L** - 1700 lms	**UNV** - Universal Voltage (120/227V)	**40** - 4,000K **35** - 3,500K **30** - 3,000K **27** - 2,700K	**Blank -** Flat lens (indoor only) **CGG6 -** Clear Glass Globe 6-3/4" **FGG6 -** Frosted Glass Globe 6-3/4" **PGG6 -** Prismatic Glass Globe 6-3/4"	**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	**LDS96WL-** Prewired leads. For use with stem or bracket mounting in wet or indoor locations. **CA120WHT -** 10' prewired white cord set and canopy[1] **CA120BLK -** 10' prewired black cord set and canopy[1] **CA120WHTS -** 10' prewired white cord set and canopy with SWAG option[1] **CA120BLKS -** 10' prewired black cord set and canopy with SWAG option[1]

1. Cordsets are damp location only
2. Flat lens for indoor applications only. Globe required for outdoor applications

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

CONDUIT SYSTEM 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 BC600 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 BC600 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

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DELIVERED LUMENS														
Lumen Package	CRI	2700K			3000K			3500K			4000K			Wattage
		Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	
12L	80	1168	126	B1-U0-G0	1301	140	B1-U0-G0	1158	125	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	10.9
17L		1596	125	B1-U0-G0	1777	139	B1-U0-G0	1582	124	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.

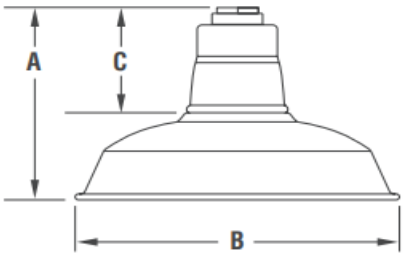
ELECTRICAL DATA*					
Lumen Package	Wattage	120V	208V	240V	277V
12L	9.3	0.08	0.04	0.04	0.03
15L	10.9	0.09	0.05	0.05	0.04
17L	12.8	0.11	0.06	0.05	0.05

*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)



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