

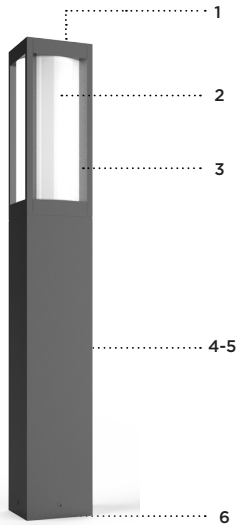


**LQ613/LQ623** SERIES  
Lumiquad - LED  
6" BOLLARD

TYPE: \_\_\_\_\_ QUANTITY: \_\_\_\_\_ PROJECT: \_\_\_\_\_

CATALOG NUMBER:

FIXTURE SUFFIX VOLTAGE FINISH OPTION OPTION OPTION OPTION



- 1- Heavy cast aluminum top cover.
- 2- Ø 6" (152) High impact white translucent acrylic diffuser UV stabilized. Available acrylic heights include 12.7 (322) and 24.7" (627).
- 3- 4x extruded aluminum struts.
- 4- Cast aluminum driver housing.
- 5- 6" (152) x 6" (152) extruded aluminum square body.
- 6- Cast aluminum mounting base.

LQ613



LQ623



**MATERIALS**

**Lumiquad** bollard is made of corrosion resistant 356 aluminum alloy with a copper (CU) content of less than 0.1%. LED is contained in a white UV stabilized high impact acrylic sealed cylinder. The assembly is designed to provide a uniform column illumination.

**ELECTRICAL**

**DRIVER** Standard driver is 0-10V dimming-ready (dims to 10%) with: 120-277 multi-volt compatibility (50-60Hz), operating temperatures of -40°C/-40°F to 55°C/131°F, output over voltage protection, output over current protection, output short circuit protection with auto-recovery.

**LED** 2700K/3000K/3500K/4000K CCT with 80 CRI. Optional RGBW.

**LIFE**

50,000hrs  $L_{80}B_{50}$  (based on IESNA TM-21 Test Method and LM-80 data).

**FINISH**

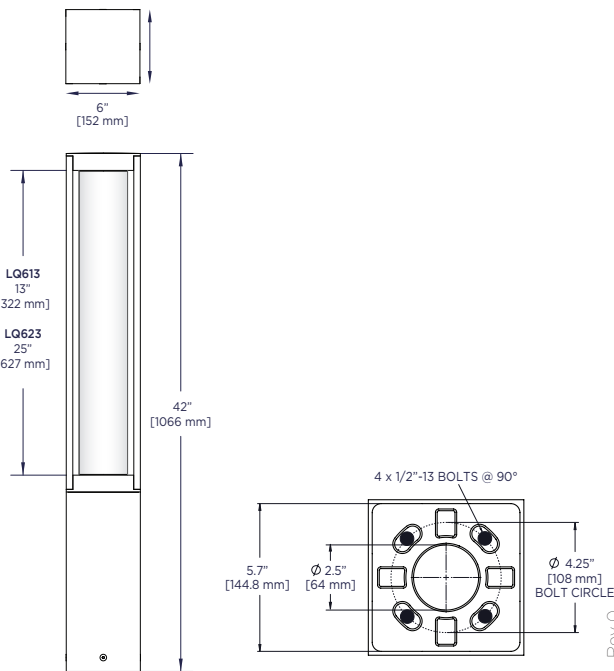
Five-stage preparation process includes preheating of cast aluminum parts for air extraction. Polyester powder coating is applied through an electrostatic process, and oven cured for long term finish.

**CERTIFICATION**

Tested to UL1598 and CSA 22.2 #250. ETL listed wet location. Photometric testing performed by an independent laboratory in accordance with IES LM-79-08 standards at 25°C. Lumen depreciation in accordance with IESNA LM80 standards. CE certification on request. Rated IP65.

**MOUNTING**

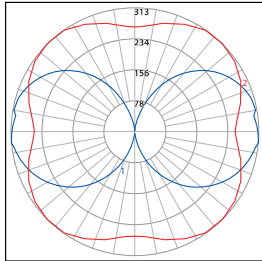
Mounts with a set of 4 x 1/2"-13 x 18" lg galvanized anchor bolts.



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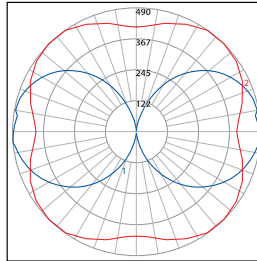
# LQ613/LQ623 SERIES Lumiquad - LED

## TYPICAL PHOTOMETRY SUMMARY



### Descriptive Information

LQ613-L4L26  
Total Lms: 2713 Lumens  
Total Input Watts: 25,7 W  
Efficacy: 105,5 Lumens/Watt  
BUG: B1-U5-G2  
CCT/CRI: 4000K/80  
Maximum Candela: 312 @ 47.5°H/85°V


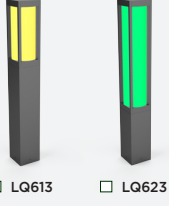


### Descriptive Information

LQ623-L4L40  
Total Lms: 4251 Lumens  
Total Input Watts: 39 W  
Efficacy: 109 Lumens/Watt  
BUG: B1-U5-G3  
CCT/CRI: 4000K/80  
Maximum Candela: 488 @ 47.5°H/85°V

Please visit our web site [www.luminis.com](http://www.luminis.com) for complete I.E.S. formatted download data.

## LUMINAIRE SELECTION

MODEL#	LED LIGHT SELECTION (4000K/80CRI)	VOLTAGE <sup>1</sup>	FINISH																								
 <p><input type="checkbox"/> LQ613    <input type="checkbox"/> LQ623</p> <p>White LED</p>	<table border="1"> <thead> <tr> <th>SUFFIX</th> <th>DELIVERED LUMENS</th> <th>INPUT WATTS</th> <th>LM / FT</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/> L4L6</td> <td>859</td> <td>8</td> <td>859</td> </tr> <tr> <td><input type="checkbox"/> L4L9</td> <td>1085</td> <td>10</td> <td>1085</td> </tr> <tr> <td><input type="checkbox"/> L4L14</td> <td>1537</td> <td>14</td> <td>1537</td> </tr> <tr> <td><input type="checkbox"/> L4L20</td> <td>2171</td> <td>19</td> <td>2171</td> </tr> <tr> <td><input type="checkbox"/> L4L26</td> <td>2713</td> <td>26</td> <td>2713</td> </tr> </tbody> </table>	SUFFIX	DELIVERED LUMENS	INPUT WATTS	LM / FT	<input type="checkbox"/> L4L6	859	8	859	<input type="checkbox"/> L4L9	1085	10	1085	<input type="checkbox"/> L4L14	1537	14	1537	<input type="checkbox"/> L4L20	2171	19	2171	<input type="checkbox"/> L4L26	2713	26	2713	<input type="checkbox"/> 120V <input type="checkbox"/> 277V  Optional <input type="checkbox"/> 347V <input type="checkbox"/> 480V	<b>STANDARD COLORS</b> <input type="checkbox"/> WHT Snow white <input type="checkbox"/> BKT Jet black <input type="checkbox"/> BZT Bronze <input type="checkbox"/> MST Matte silver <input type="checkbox"/> GRT Titanium gray <input type="checkbox"/> DGT Gun metal <input type="checkbox"/> CHT Champagne  <b>OPTIONAL COLORS</b> <input type="checkbox"/> CS Custom color <input type="checkbox"/> RAL RAL# color (Refer to color chart)
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<p><b>Note:</b> Values are for total delivered lumens. For individual maximum output values, refer to page 3. White CCT is 4000K &amp; 80CRI.</p>																											

## OPTIONS

- ELECTRICAL**
- FS Fuse
  - SP Surge protector 10KV
  - PH Photocell
  - REML2-50 Remote mount battery backup (7W / 90 min.). Remote mount to 50FT. 12" square enclosure with access cover. <sup>3</sup>

- ACCESSORIES**
- GFI Ground fault circuit interruption flush receptacle (LQ613 only) <sup>2</sup>
  - CGF Ground fault circuit interruption with clear in-use cover (LQ613 only) <sup>2</sup>
  - BLC1 Blockout shield (one side)
  - BLC2 Blockout shield (two sides, installed at 90°)
  - BLC3 Blockout shield (three sides)
  - DECO1 Decorative shroud
  - DECO2 Decorative shroud

- LIGHT**
- Alternate CCT <sup>9</sup>K LED (LCF: Lumen conversion factor)
- K27 2700K CCT 80 CRI (LCF: 0.91)
  - K3 3000K CCT 80 CRI (LCF: 0.94)
  - K35 3500K CCT 80 CRI (LCF: 0.98)
  - K4 4000K CCT 80 CRI (LCF: 1.00)
- NOTE: Other CCT & higher CRI available, please consult factory.

- NOTES**
- 1- If no voltage is specified, luminaires are factory prewired by default for 120V. For other voltages, please specify with catalog number, or consult factory.
  - 2- GFI and CGF options are installed 18" above grade unless otherwise specified. CGF cover protrudes by 3.62" (92). 120V required for GFI or CGF.
  - 3- REML2-50 not compatible with PH (photocell).
  - 4- OAH increases by 1" for RGBW models. See page 3 for details.
  - 5- RGBW not available with 347V, 480V, PH, REML2-50.



## LQ613/LQ623 SERIES Lumiquad - LED

### RGBW DETAILS

#### RGBW DMX

Total delivered lumens<sup>5</sup>

#### RGBW - DMX / RDM 4 channels

Users can generate any color by mixing the intensity of four independent red, green, blue and white channels.

**Maximum output values**

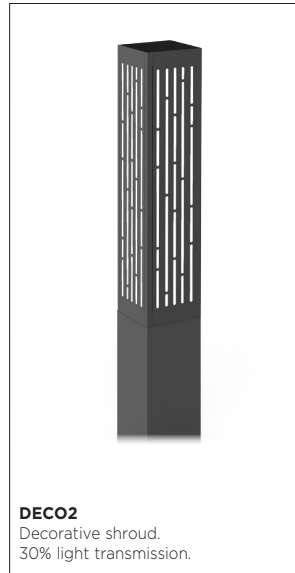
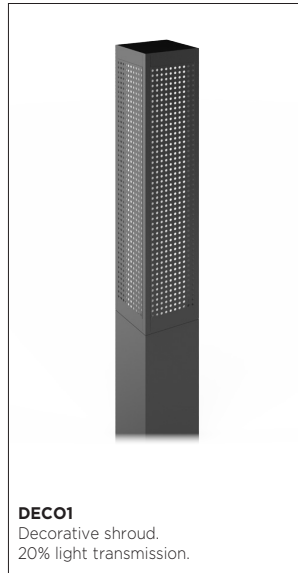
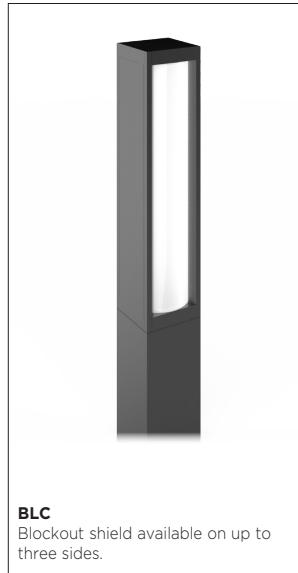
	WHITE 4000K			TOT RGB			TOT		
	W	lm	lm/ft	W	lm	lm/ft	W	lm	lm/ft
<b>LQ613</b>	5	689	689	16	633	633	21	1322	1322
<b>LQ623</b>	9	1041	521	26	1005	502	35	2046	1023

The fixtures will be delivered with the default address 1.

COLOR	R	G	B	W
CHANNEL	1	2	3	4

**NOTE:** Default factory settings.  
Controller supplied by others.

### ACCESSORIES



### RGBW DIMENSIONS

