

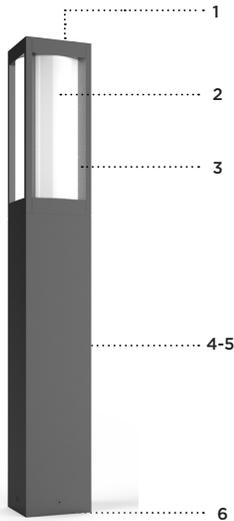


LQ613/LQ623 SERIES
Lumiquad - LED
6" BOLLARD

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

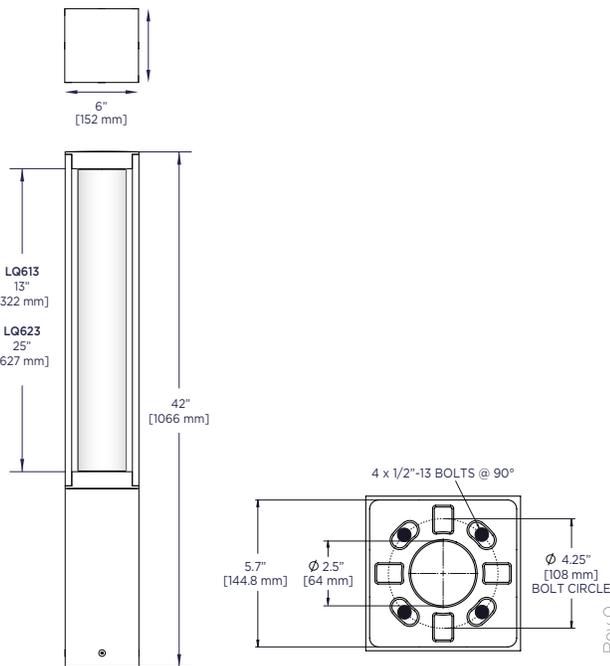
Five-stage preparation process includes preheating of cast aluminum parts for air extraction. Polyester powder coating is applied through an electrostatic process, and oven cured for long term finish.

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

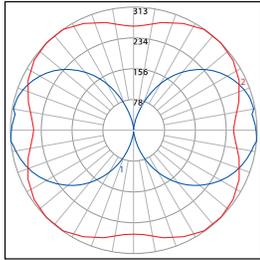
Mounts with a set of 4 x 1/2"-13 x 18" lg galvanized anchor bolts.



Apr. 2021 Rev 0

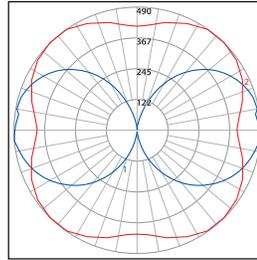
LQ613/LQ623 SERIES Lumiquad - LED

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 for complete I.E.S. formatted download data.

LUMINAIRE SELECTION

MODEL#	LED LIGHT SELECTION (4000K/80CRI)	VOLTAGE ¹	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	STANDARD COLORS <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 OPTIONAL COLORS <input type="checkbox"/> CS Custom color <input type="checkbox"/> RAL RAL# color (Refer to color chart)
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	<p>Note: Values are for total delivered lumens. For individual maximum output values, refer to page 3. White CCT is 4000K & 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. ⁵

ACCESSORIES

- GFI Ground fault circuit interruption flush receptacle (LQ613 only) ²
- CGF Ground fault circuit interruption with clear in-use cover (LQ613 only) ²
- 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 ³K 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 lumens⁵

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

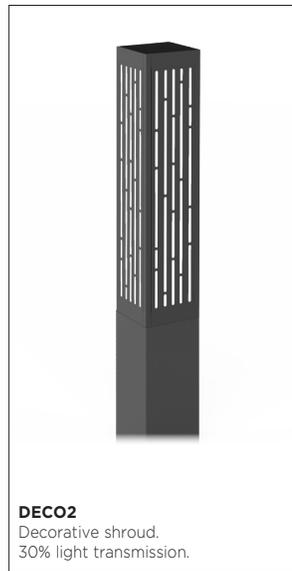
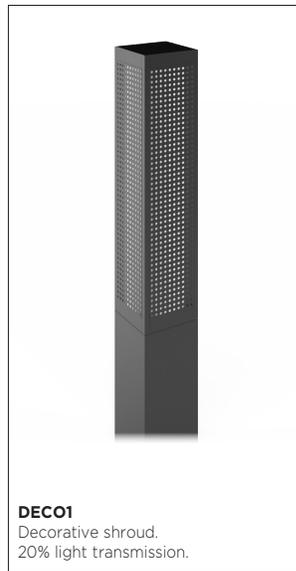
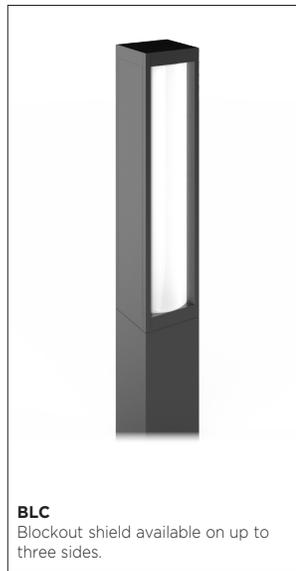
	WHITE 4000K			TOT RGB			TOT		
	W	lm	lm/ft	W	lm	lm/ft	W	lm	lm/ft
LQ613	5	689	689	16	633	633	21	1322	1322
LQ623	9	1041	521	26	1005	502	35	2046	1023

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

