LUMINIS®

LQ413/LQ423 SERIES
Lumiquad - LED
4" BOLLARD

TYPE: _____ QUANTITY: _____ PROJECT: _____

| CATALOG NUMBER:							
FIXTURE	SUFFIX	VOLTAGE	FINISH	OPTION	OPTION	OPTION	OPTION
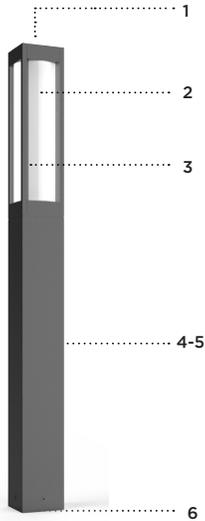
1- Heavy cast aluminum top cover.
2- Ø 4" (102) High impact white translucent acrylic diffuser UV stabilized. Available acrylic heights include 12" (305) and 24" (610).
3- 4x extruded aluminum struts.
4- Cast aluminum driver housing.
5- Ø 4" (102) extruded aluminum square body.
6- Cast aluminum mounting base.

LQ413
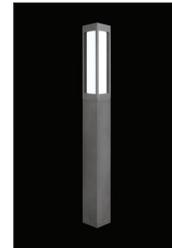
LQ423

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 -40ºC/-40ºF to 55ºC/131ºF, 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
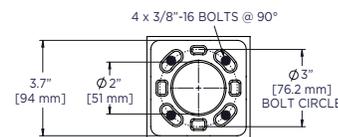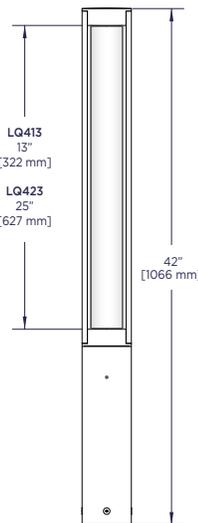50,000hrs $L_{85}B_{50}$ (based on IESNA TM-21 Test Method and LM-80 data).

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 25ºC. Lumen depreciation in accordance with IESNA LM80 standards. CE certification on request. Rated IP65.
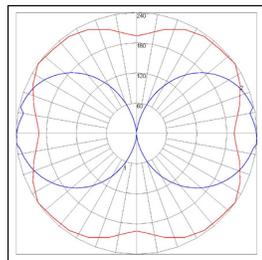
MOUNTING
Mounts with a set of 4 x 3/8"-16 x 3 3/4" lg galvanized anchor bolts.

4"
[102 mm]

LQ413
13"
[322 mm]

LQ423
25"
[627 mm]

42"
[1066 mm]

4 x 3/8"-16 BOLTS @ 90°

3.7"
[94 mm]

Ø 2"
[51 mm]

Ø 3"
[76.2 mm]
BOLT CIRCLE

Apr. 2021 Rev 0

LUMINIS | Toll free: 866.586.4647 Fax: 514.683.8872
260 Labrosse, Pointe-Claire (QC) Canada H9R 5L5

LUMINIS.COM

Luminaires may be altered for design improvement or discontinued without prior notice.

| 1

LQ413/LQ423 SERIES
Lumiquad - LED

TYPICAL PHOTOMETRY SUMMARY

Descriptive Information

LQ413-L4L20
Total Lms: 2099 Lumens
Total Input Watts: 20 W
Efficacy: 105 Lumens/Watt
BUG: B1-U4-G2
CCT/CRI: 4000K/80
Maximum Candela: 239 @ 37.5ºH/85ºV
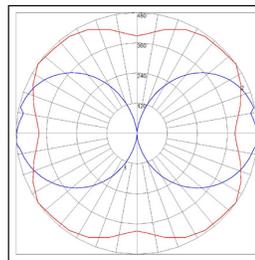
Descriptive Information

LQ423-L4L40
Total Lms: 4198 Lumens
Total Input Watts: 40 W
Efficacy: 105 Lumens/Watt
BUG: B1-U5-G3
CCT/CRI: 4000K/80
Maximum Candela: 477 @ 37.5ºH/85ºV

Please visit our web site www.luminis.com for complete I.E.S. formatted download data.

LUMINAIRE SELECTION

MODEL#

☐ LQ413   ☐ LQ423
White LED

☐ LQ413   ☐ LQ423
RGBW LED
(color for ref. only)

LED LIGHT SELECTION (4000K/80CRI)

	SUFFIX	DELIVERED LUMENS	INPUT WATTS	LM / FT
LQ413	☐ L4L6	857	8	857
	☐ L4L9	1064	10	1064
	☐ L4L14	1478	15	1478
	☐ L4L20	2099	20	2099
LQ423	☐ L4L12	1271	11	636
	☐ L4L18	1921	17	961
	☐ L4L28	2956	27	1478
	☐ L4L40	4198	40	2099

RGBW SELECTION (CONTROLLED WITH DMX/RDM) [5]

	SUFFIX	DELIVERED LUMENS	INPUT WATTS	LM / FT
LQ413	☐ L4RGBW	1322	21	1322
LQ423	☐ L4RGBW	2110	30	1055

Note: Values are for total delivered lumens. For individual maximum output values, refer to page 3. White CCT is 4000K & 80CRI.

VOLTAGE [1]

☐ 120V
☐ 277V

Optional
☐ 347V
☐ 480V

FINISH

STANDARD COLORS

☐ WHT Snow white
☐ BKT Jet black
☐ BZT Bronze
☐ MST Matte silver
☐ GRT Titanium gray
☐ DGT Gun metal
☐ CHT Champagne

OPTIONAL COLORS

☐ CS   Custom color
☐ RAL   RAL# color

(Refer to color chart)

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. [3]

ACCESSORIES

☐ GFI	Ground fault circuit interruption flush receptacle (LQ413 only) [2]
☐ CGF	Ground fault circuit interruption with clear in-use cover (LQ413 only) [2]
☐ BLC	Blockout shield (specify which side)
☐ DECO1	Decorative shroud
☐ DECO2	Decorative shroud

LIGHT

Alternate CCT ºK 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.
4- OAH increases by 1" for RGBW models. See page 3 for details.
5- RGBW not available with 347V, 480V, PH, REML2-50.

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Project 21-12877-3 Date 6/25/2021	Catalog Number	Type
RGB/W | Saturated Color	LQ423 L4RGBW 277 DGT K3	
Submitted By	Notes	
16500, INC		

sixteen**5**hundred

LQ413/LQ423 SERIES
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RGBW DETAILS

RGBW DMX
Total delivered lumens [5]

Maximum output values								
	WHITE 4000K			**TOT RGB**			**TOT**	
	W	lm	lm/ft	W	lm	lm/ft	W	lm	lm/ft
LQ413	5	689	689	16	633	633	21	1322	1322
LQ423	8	1053	527	22	1057	528	30	2110	1055

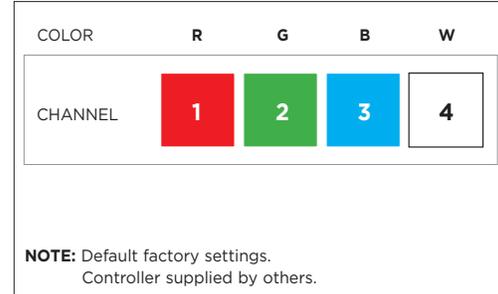The fixtures will be delivered with the default address 1.

RGBW – DMX / RDM 4 channels
Users can generate any color by mixing the intensity of four independent red, green, blue and white channels.

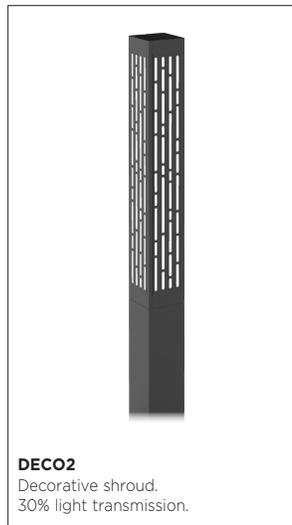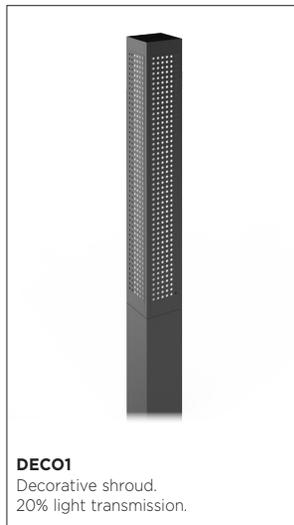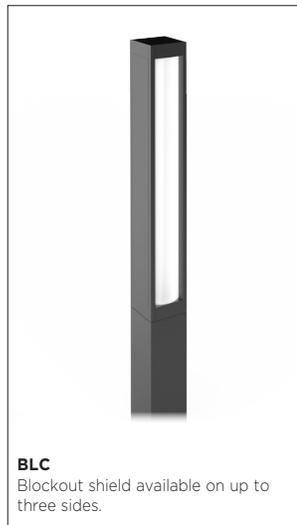| COLOR	**R**	**G**	**B**	**W**
CHANNEL	1	2	3	4

NOTE: Default factory settings.
Controller supplied by others.

ACCESSORIES

BLC
Blockout shield available on up to three sides.

DECO1
Decorative shroud.
20% light transmission.

DECO2
Decorative shroud.
30% light transmission.

RGBW DIMENSIONS

LQ413
14"
[349mm]

LQ423
26"
[654mm]

43"
[1094mm]

OAH [4]
OAH increases by 1" for RGBW models.

LUMINIS

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