

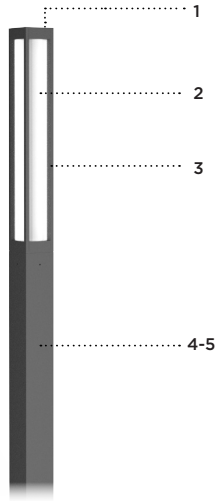


LQ420/LQ440 SERIES
Lumiquad - LED
4" COLUMN

TYPE: _____ QUANTITY: _____ PROJECT: _____

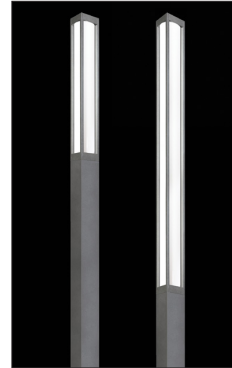
CATALOG NUMBER:

FIXTURE SUFFIX COLUMN VOLTAGE FINISH OPTION OPTION OPTION



- 1- Heavy cast aluminum top cover.
- 2- Ø 4" (102mm) High impact white translucent acrylic diffuser UV stabilized. Available acrylic heights include 25" (627mm) and 49" (1236mm).
- 3- 4x extruded aluminum struts.
- 4- Cast aluminum driver housing.
- 5- 4" (102mm) x 4" (102mm) extruded aluminum square body.

LQ420 / LQ440



MATERIALS

Lumiquad column is made of 6061-T6 extruded aluminum alloy. All other parts are 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 L₈₀B₅₀ (based on IESNA TM-21 Test Method and LM-80 data).

FINISH

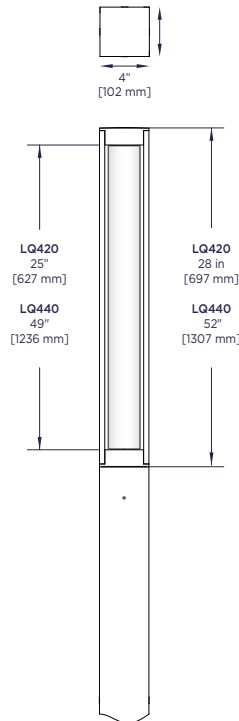
Five-stage preparation process includes preheating of cast aluminum parts for air extraction. Polyester powder coating is applied through an electrostatic process, and oven cured for long term finish.

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. Rated IP65.

MOUNTING

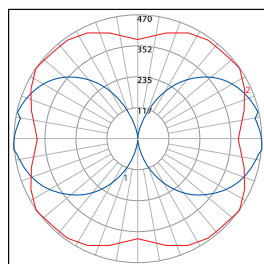
Lumiquad column is designed for ease of access and installation. The cast aluminum base plate is secured with a set of (4) 1/2"-13 x 18" lg. galvanized anchor bolts.



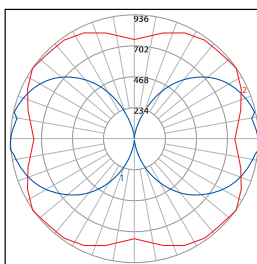
Apr. 2021 Rev 0

LQ420/LQ440 SERIES Lumiquad - LED

TYPICAL PHOTOMETRY SUMMARY



Descriptive Information
LQ420-L4L40
Total Lms: 4109 Lumens
Total Input Watts: 38,9 W
Efficacy: 105,8 Lumens/Watt
BUG: B1-U5-G3
CCT/CR: 4000K/80
Maximum Candela: 467 @ 37.5°H/85°V



Descriptive Information
LQ440-L8L80
Total Lms: 8188 Lumens
Total Input Watts: 77,4 W
Efficacy: 105,7 Lumens/Watt
BUG: B2-U5-G3
CCT/CR: 4000K/80
Maximum Candela: 931 @ 37.5°H/85°V

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

LUMINAIRE SELECTION

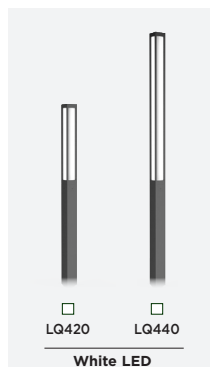
MODEL#

LED LIGHT SELECTION (4000K/80CRI)

OAH COLUMN SELECTION

VOLTAGE 1

FINISH

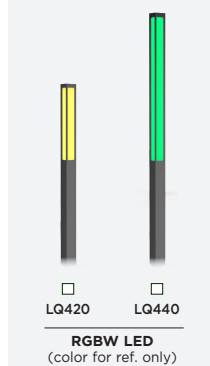


SUFFIX	DELIVERED LUMENS	INPUT WATTS	LM / FT
LQ420			
<input type="checkbox"/> L4L12	1271	11	636
<input type="checkbox"/> L4L18	1921	17	961
<input type="checkbox"/> L4L28	2956	27	1478
<input type="checkbox"/> L4L40	4109	39	2055
LQ440			
<input type="checkbox"/> L8L24	2572	22	643
<input type="checkbox"/> L8L36	3843	34	961
<input type="checkbox"/> L8L56	5853	53	1463
<input type="checkbox"/> L8L80	8188	78	2047

POLE FOR	LQ420	LQ440
<input type="checkbox"/> LQP469	96"	120"
<input type="checkbox"/> LQP493	120"	144"
<input type="checkbox"/> LQP4117	144"	168"
<input type="checkbox"/> LQP4141	168"	N/A

- 120V
- 277V
- Optional
- 347V
- 480V

- #### STANDARD COLORS
- WHT Snow white
 - BKT Jet black
 - BZT Bronze
 - MST Matte silver
 - GRT Titanium gray
 - DGT Gun metal
 - CHT Champagne
 - SGT Steel gray
 - BGT English cream



RGBW SELECTION (CONTROLLED WITH DMX/RDM) *

SUFFIX	DELIVERED LUMENS	INPUT WATTS	LM / FT
LQ420			
<input type="checkbox"/> L4RGBW	2110	30	1055
LQ440			
<input type="checkbox"/> L8RGBW	4218	60	1055

Note: Values are for total delivered lumens. For individual maximum output values, refer to page 5.
White CCT is 4000K & 80CRI.

- #### OPTIONAL COLORS
- CS Custom color
 - RAL RAL# color
- (Refer to color chart)



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OPTIONS

ELECTRICAL

- FS** Fuse
- SP** Surge protector 10KV
- PH** Photocell

ACCESSORIES

- GFI** Ground fault circuit interruption flush receptacle²
- CGF** Ground fault circuit interruption with clear in-use cover²
- MSD** Motion sensor device (high/low 25%)
255° coverage
Installed at 180° from hand hole
120/277VAC, 50/60Hz (or 230VAC, 50Hz)
- BLC1** Blockout shield (one side)
- BLC2** Blockout shield (two sides, installed at 90°)
- BLC3** Blockout shield (three sides)
- DECO1** Decorative shroud
- DECO2** Full decorative shroud with vertical slots.
See page 4 for more details.

LIGHT

Alternate CCT %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.

CONTROL

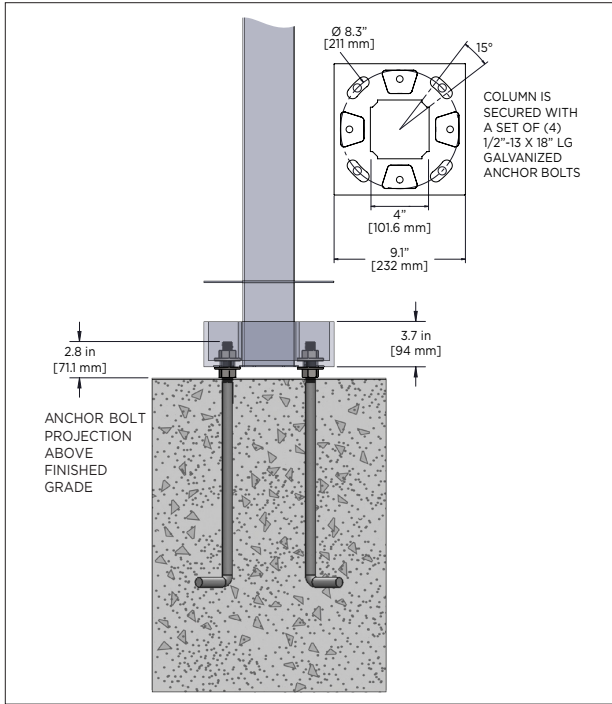
- NLTAIR2** nLight AIR Control gen2, Pole mounted black sensor.^{3,4}

NOTES

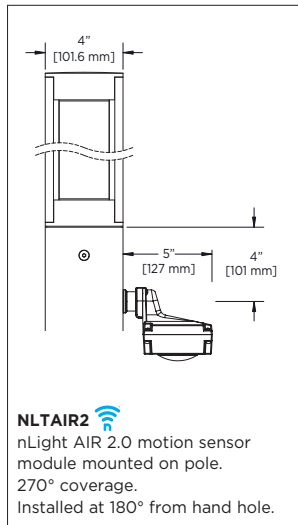
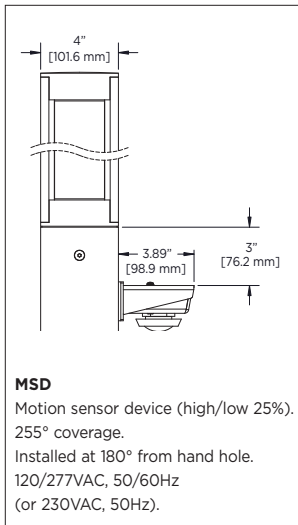
- 1-** If no voltage is specified, luminaires are factory prewired by default for 120V. For other voltages, please specify with catalog number, or consult factory.
- 2-** GFI and CGF options are installed 30" above grade unless otherwise specified. CGF cover protrudes by 3.62" (92mm). 120V required for GFI or CGF.
- 3-** Not compatible with PH, MSD.
- 4-** White sensor available upon request.
- 5-** OAH increases by 1" for RGBW models. See page 5 for details.
- 6-** RGBW not compatible with 347V, 480V, PH, MSD, NLTAIR2.

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MOUNTING INFORMATION



ACCESSORIES



LQ420/LQ440 SERIES Lumiquad - LED

RGBW DETAILS

RGBW DMX

Total delivered lumens⁶

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

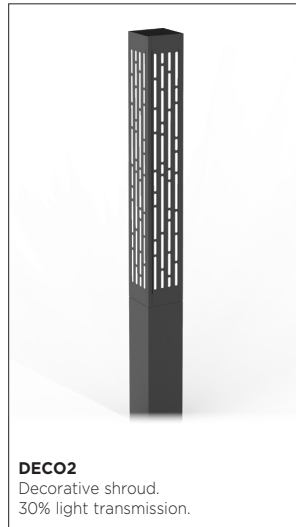
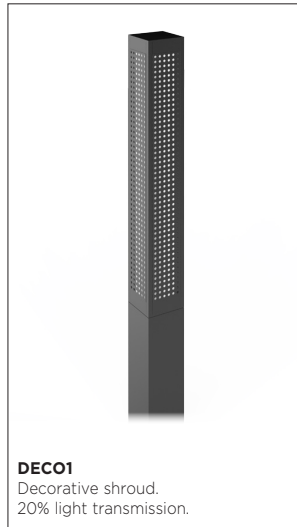
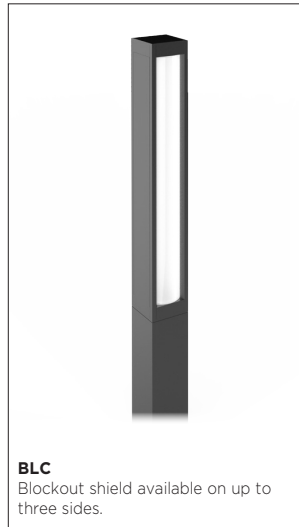
	WHITE 4000K			TOT RGB			TOT		
	W	lm	lm/ft	W	lm	lm/ft	W	lm	lm/ft
LQ420	8	1053	527	22	1057	528	30	2110	1055
LQ440	16	2106	527	44	2112	528	60	4218	1055

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

