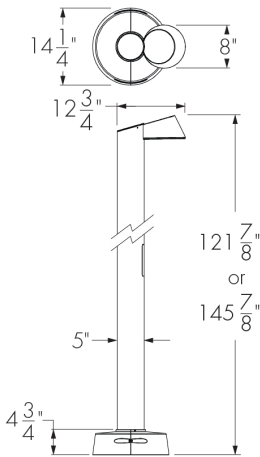


Project Name

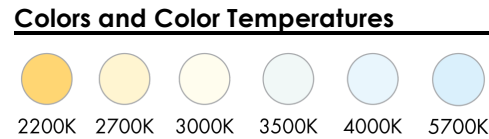
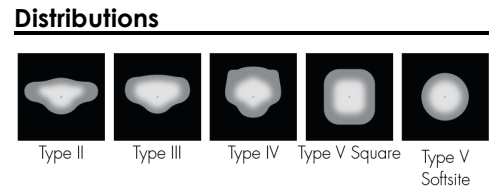
Qty

Type

Catalog / Part Number



Configurations	Description
<div><div>Standard installation</div><div>Direct burial installation</div></div>	<p>If you want to make a city accessible and proud of its night-scape, the Lumenicon Column is on your side. Capable of carrying a bollard and an overhead, the Column creates a unified aesthetic throughout a number of applications. With its flush, accessibility door, its multiple optic choices, and pulling off two luminations at once, the Lumenicon Column has your city covered</p>
Features	
Height	10 ft, 12 ft
Configurations	One head column (top head only), Two heads column (top head and bollard height head)
Color and Color Temperature	2200K, 2700K, 3000K, 3500K, 4000K, 5700K
Distributions	Type II, Type III or Type IV , Type 5 square and Type V Softsite
Option	Corrosion-resistant Coating for Hostile Environments Surge Protector Photoelectric Cell Button Type Direct Burial
Base Cover Options	Round Base Cover WL for 5 in pole
Warranty	5-year limited warranty
Options	
Performance	
Output (Nominal Lumens)	1000lm, 1500lm, 2500lm
Color Consistency	
Color Rendering	CRI 70+ CRI 80+
Lumen Maintenance	L70 120,000hrs (Ta 25 °C [77 °F])





Control

ON/OFF 0-10V

<b>Rating</b>
IP66 (optical chamber)

Certifications



<b>Dark Sky</b>	Dark sky compliant (2200K, 2700K and 3000K color temperatures, BUG rating of U0)
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<b>Physical</b>	
<b>Housing Material</b>	Aluminum
<b>Lens Material</b>	Optical tempered clear glass (Clearsite lens), Optical tempered opal glass (Softsite lens)
<b>Access door material</b>	Aluminium flush door with sealing gasket
<b>Fixture Housing Material</b>	Aluminium
<b>Pole housing material</b>	Aluminium
<b>Access Door Dimensions</b>	{in}[2 1/2] x 6 in
<b>Dual-Color Option</b>	Black Sandtex Fixture/Silver Sandtex Cap and Ring, Silver Sandtex Fixture/Black Sandtex Cap and Ring
<b>Hardware</b>	Tamper-proof screws
<b>Weight</b>	10 ft single: 44 lbs* 10 ft double: 49 lbs* 12 ft single: 48 lbs* 12 ft double: 53 lbs* *Calculate 4 lbs less for direct burial option
<b>EPA</b>	10 ft single: 4.25 ft² 10 ft double: 4.43 ft² 12 ft single: 5.07 ft² 12 ft double: 5.24 ft²

<b>Electrical and Control</b>	
<b>Voltage</b>	120 volts, 208 volts, 240 volts, 277 volts, 347 volts, 480 volts
<b>Control</b>	On/Off Control, 0-10V Dimming


<b>Environmental</b>	
<b>Storage Temperature</b>	-40 °F to 122 °F (device must reach start-up temperature value before operating)
<b>Start-up Temperature</b>	-40 °F to 104 °F
<b>Operating Temperature</b>	-40 °F to 104 °F
<b>Ingress Protection Rating</b>	IP66 (optical chamber)
<b>Environment</b>	Dry/damp/wet location

Photometric Information

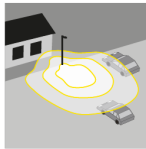
Type II, 4000K, CRI 80+

	Nominal output [lm]	Typical delivered output [lm]	Efficiency (lm/W)	BUG Rating			Typical maximum power 120/277V (W)
				B	U	G	
	SO	853	78	0	0	0	11
	RO	1,681	73	1	0	1	23
	HO	2,576*	81*	1*	0*	1*	32

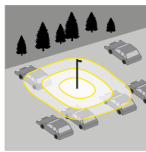
Type III, 4000K, CRI 80+

	Nominal output [lm]	Typical delivered output [lm]	Efficiency (lm/W)	BUG Rating			Typical maximum power 120/277V (W)
				B	U	G	
	SO	925	84	0	0	0	11
	RO	1,823	79	1	0	1	23
	HO	2,794*	87*	1*	0*	1*	32

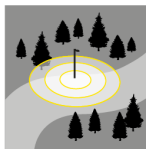
Type IV, 4000K, CRI 80+

	Nominal output [lm]	Typical delivered output [lm]	Efficiency (lm/W)	BUG Rating			Typical maximum power 120/277V (W)
				B	U	G	
	SO	768	70	0	0	1	11
	RO	1,513	66	1	0	1	23
	HO	2,319*	73*	1*	0*	1*	32

Type V Square, 4000K, CRI 80+

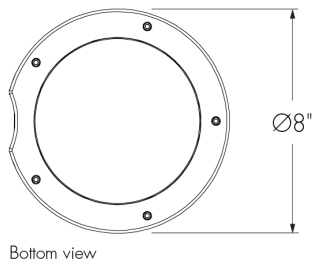
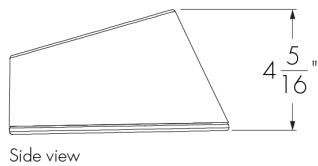
	Nominal output [lm]	Typical delivered output [lm]	Efficiency (lm/W)	BUG Rating			Typical maximum power 120/277V (W)
				B	U	G	
	SO	831	76	0	0	1	11
	RO	1,637	71	1	0	1	23
	HO	2,519	79	1	0	1	32

Type V Softsite, 4000K, CRI 80+

	Nominal output [lm]	Typical delivered output [lm]	Efficiency (lm/W)	BUG Rating			Typical maximum power 120/277V (W)
				B	U	G	
	SO	441	40	0	0	0	11
	RO	854	37	0	0	0	23
	HO	1,324	41	1	0	0	32

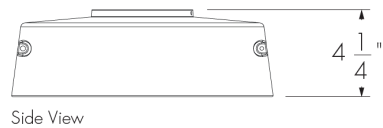
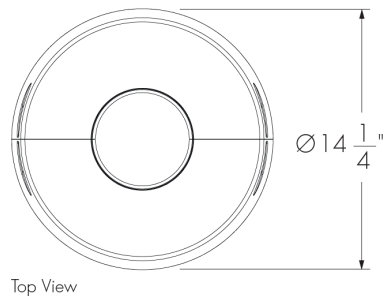
\*Photometric performance is measured in compliance with IESNA LM-79-08. Due to rapid and continuous advance in LED technology, photometric information is subject to change without notice.

Luminaire Head Dimensions

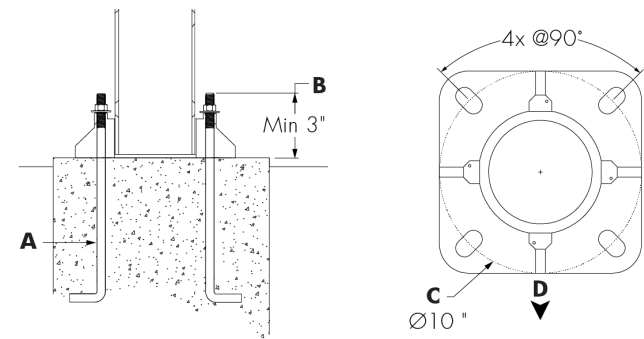


Base Cover Dimensions

WL - Round Base Cover For Ø5 in Round Pole

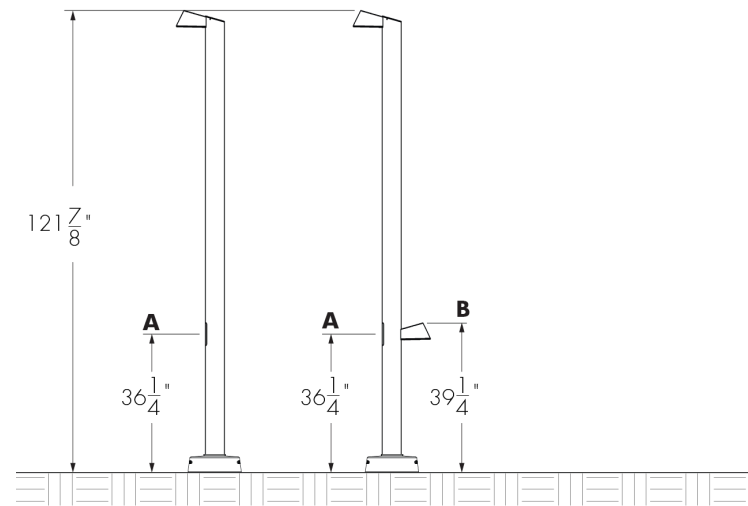


Standard Installation Assembly Details And Dimensions



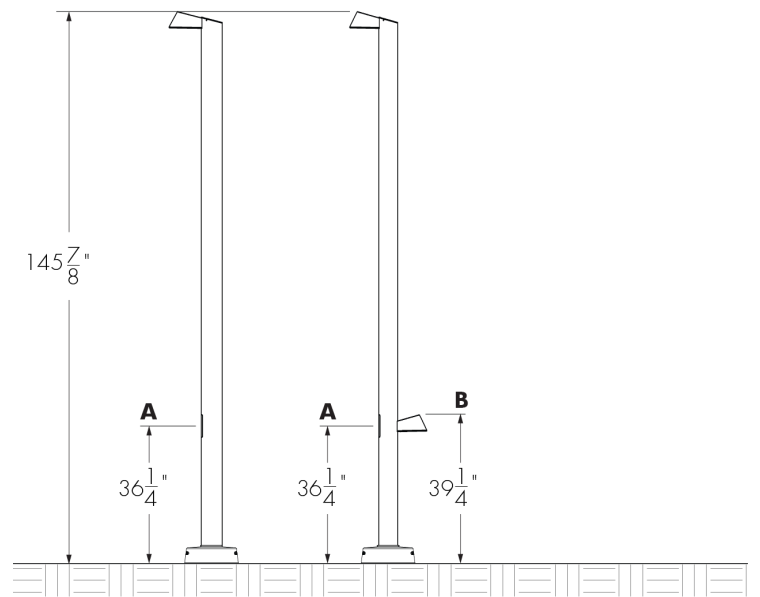
- A - (4x) Ø3/4 in by 26 in long anchor bolts with flats washers and nuts for each
- B - At least 3 in of the anchor bolts must be above ground for installation
- C - Bolt circle
- D - Access door and street side

10 ft Column

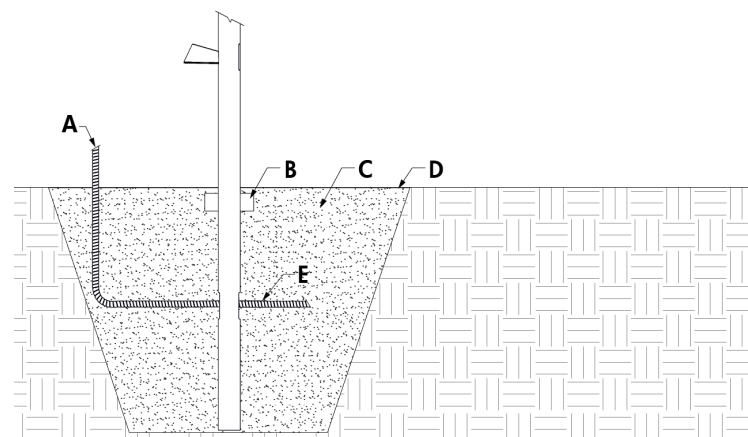


- A - Access door (distance from ground to center of access door)
- B - Bollard head option (distance from ground to top of bollard head)

12 ft Column

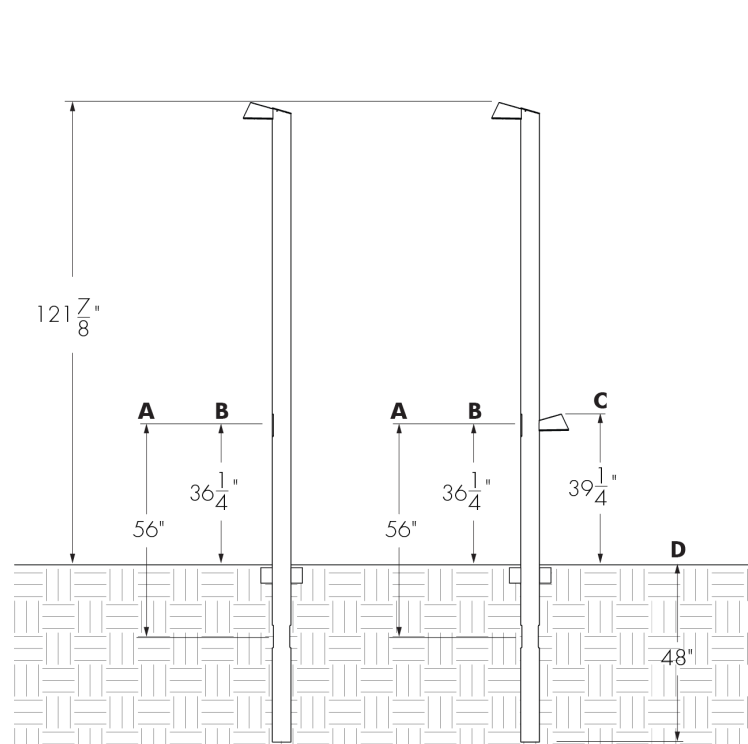


Direct Burial Installation Assembly Details And Dimensions



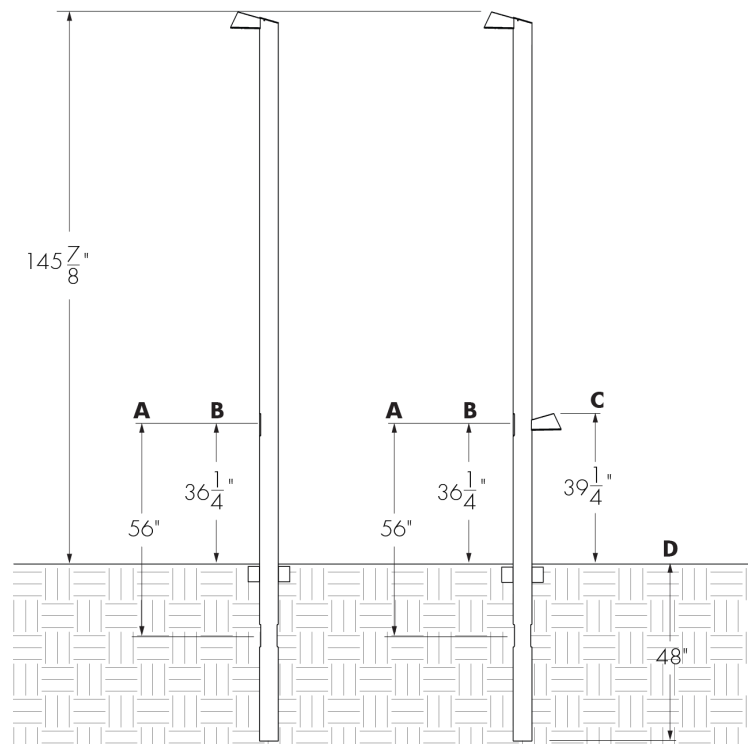
- A - Conduit (by others)
- B - Anti-rotating blade
- C - Filling
- D - Finished grade
- E - Opening for conduit

10 ft Direct Burial Column



- A - Distance from center of access door to opening for conduit
- B - Access door (distance from ground to center of access door)
- C - Bollard head option (distance from ground to top of bollard head)
- D - Buried section

12 ft Direct Burial Column

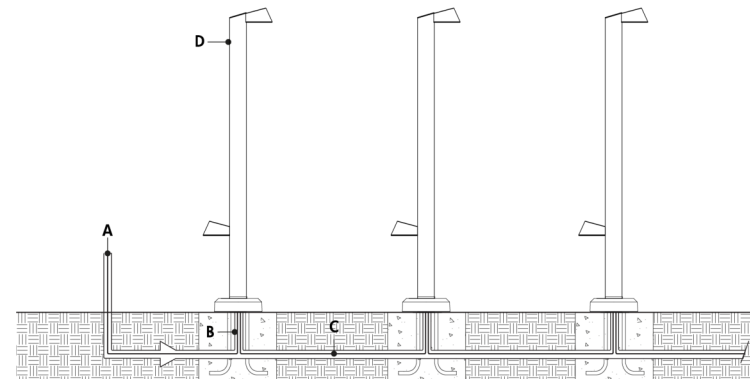


Typical Wiring Diagrams

Wiring Color Code

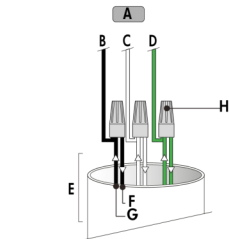
Color	Black	White	Green	Purple	Gray
Use	Line	Line/Neutral	Ground	0 -10V+	0 -10V -

On/Off Control (NO)



- A - Power input (120-480V)
- B - Conduit (by others)
- C - Power wiring (by others)
- D - Lumenicon Column

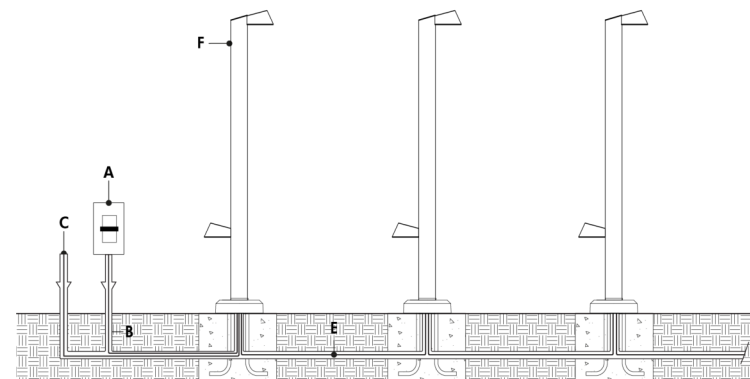
On/Off Control (NO) - Wiring Detail



- A - To fixture
- B - Line
- C - Line/Neutral
- D - Ground
- E - Conduit (by others)
- F - To next fixture
- G - Power input or from previous fixture
- H - Wire-nuts (by others)

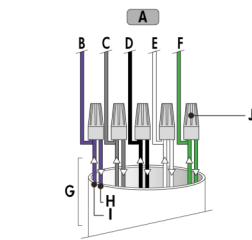
- Consult factory for specific applications and maximum fixture count/cable length recommendations.

0-10V Dimming (DIM)



- A - Dimmer (by others)
- B - Data wiring (by others)
- C - Power input (120-480V)
- D - Conduit (by others)
- E - Power and data wiring (by others)
- F - Lumenicon Column

0-10V Dimming (DIM) - Wiring Detail



- A - To fixture
- B - 0-10V +
- C - 0-10V -
- D - Line
- E - Neutral
- F - Ground
- G - Conduit (by others)
- H - To next fixture
- I - Power input or from previous fixture
- J - Wire-nuts (by others)

- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- 0-10V mA ratings: passive dimmer (Current Sink): 3mA per fixture, active dimmer (Current Source): 0.5mA per fixture.
- 1% minimum dimming value.

How to Order											
Height	Housing	Voltage	Color and Color Temperature	Lens	Option	Output (Nominal Lumens) <sup>(6)</sup>	Base Cover Options <sup>(7)</sup>	Color Rendering	Distributions	Finish	Dual-Color Option
10 10 ft	LIC Lumenicon Column	120 120 volts	22K 2200K	CSL Clearsite Lens <sup>(1)</sup>	CRC Corrosion-resistant coating <sup>(2)</sup>	SO 1000lm	WL Round Base Cover WL for 5 in pole	CRI 70 CRI 70+	2 Type II	BK Black Sandtex®	c Dual-Color
12 12 ft		208 208 volts	27K 2700K	SSL Softsite lens <sup>(4)</sup>	RO 1500lm	RO 1500lm		CRI 80 CRI 80+ <sup>(8)</sup>	3 Type III	BRZ Bronze Sandtex®	
		240 240 volts	30K 3000K		SP Surge Protector	HO 2500lm			4 Type IV	SI Silver Sandtex®	
		277 277 volts	35K 3500K		PB Photoelectric Cell Button Type <sup>(5)</sup>				5S Type V Square	BKTX Textured Black	
		347 347 volts	40K 4000K						5 Type V Softsite	BRZTX Textured Bronze Non-Metallic	
		480 480 volts	57K 5700K		DB Direct Burial					GRATX Textured Medium Gray	
										GRNTX Textured Green	
										WHTX Textured White	
										CC Custom Color & Finish <sup>(9)</sup> <sup>(10)</sup> <sup>(11)</sup>	

Notes:

1. Available with types 2, 3, 4, and 5S distribution only.

2. Use only when exposed to salt spray. This option is not required for normal outdoor exposure.

3. Setup charges apply. Consult factory for details.

4. Available with type 5 distribution only.

5. Not available with 480V voltage option or DIM control option.

6. Lumen output will vary according to the lens and distribution specified for the fixture. Please consult the photometric information section of the specification sheet for more details.

7. Base option not available with direct burial installation.

8. CRI 80 available for 22K, 27K, 30K, 35K and 40K color temperatures only.

9. Specify RAL number followed by "TX" for textured finish (ex: RAL9007TX) or STX for Sandtex finish (ex: RAL9007STX). Textured or Sandtex finishes are recommended for the durability of all products. If a finish is not specified with the RAL number (ex: RAL9007), a glossy finish will be provided. Please consult factory for other RAL textures and glosses, or to match alternate color charts. Final color matching results may vary.

10. Setup charges apply for RAL colors. Consult factory for details.

11. Longer lead times can be expected for custom RAL color finishes.



How to Order

Dual-Color Finish Option <sup>(12)</sup>	Control	Bollard Head Option <sup>(16)</sup>	Bollard Head Lens <sup>(17)</sup>	Bollard Head Output <sup>(17)</sup>	Bollard Head Color and Color Temperature <sup>(17)</sup>	Bollard Head Color Rendering <sup>(17)</sup>	Bollard Head Distribution <sup>(17)</sup>	Anchor Bolts Option
<b>BK</b> Silver Sandtex® fixture with Black Sandtex® top cover and ring <sup>(13)</sup> <b>SI</b> Black Sandtex® fixture with Silver Sandtex® top cover and ring <sup>(14)</sup> <b>CC</b> Custom color and finish fixture with top cover and ring Custom color and finish (please specify RAL color) <sup>(9)</sup> <sup>(10)</sup> <sup>(11)</sup> <sup>(15)</sup>	<b>NO</b> On/Off Control <b>DIM</b> 0-10V Dimming	<b>BH</b> Bollard Head	<b>CSL</b> Clearsite Lens <sup>(1)</sup> <b>SSL</b> Softsite lens <sup>(4)</sup>	<b>SO</b> 1000lm <b>RO</b> 1500lm <b>HO</b> 2500lm	<b>22K</b> 2200K <b>27K</b> 2700K <b>30K</b> 3000K <b>35K</b> 3500K <b>40K</b> 4000K <b>57K</b> 5700K	<b>CRI 70</b> CRI 70+ <b>CRI 80</b> CRI 80+ <sup>(8)</sup>	<b>2</b> Type II <b>3</b> Type III <b>4</b> Type IV <b>5S</b> Type V Square <b>5</b> Type V Softsite	<b>AB</b> Anchor Bolts <sup>(18)</sup>

- Notes:
1. Available with types 2, 3, 4, and 5S distribution only.

4. Available with type 5 distribution only.

8. CRI 80 available for 22K, 27K, 30K, 35K and 40K color temperatures only.

9. Specify RAL number followed by "TX" for textured finish (ex: RAL9007TX) or STX for Sandtex finish (ex: RAL9007STX). Textured or Sandtex finishes are recommended for the durability of all products. If a finish is not specified with the RAL number (ex: RAL9007), a glossy finish will be provided. Please consult factory for other RAL textures and glosses, or to match alternate color charts. Final color matching results may vary.

10. Setup charges apply for RAL colors. Consult factory for details.

11. Longer lead times can be expected for custom RAL color finishes.

12. Required only if Dual-Color Option is specified.

13. Available with SI finish option only.

14. Available with BK finish option only.

15. Available with CC finish option only.

16. Bollard head option is 36 in from the ground on opposite side of the column head.

17. Required only if BH head option is selected.

18. Anchor bolts provided with double nuts, washers and template. One template provided for every 5 luminaires.