

Project Name

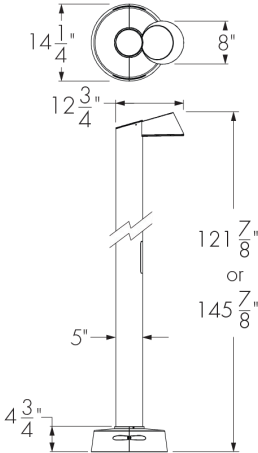
Qty

Type

Catalog / Part Number



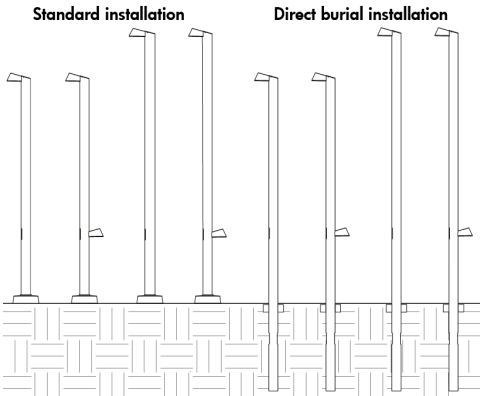
10 ft column with bollard head option.



Top view

Side view

Configurations



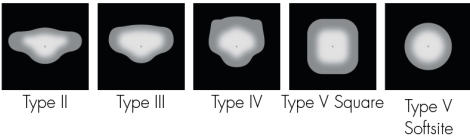
Description

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

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	Corrosion-Resistant Coating for Hostile Environments Surge Protector Photoelectric Cell Button Type Direct Burial

Distributions



Colors and Color Temperatures



Control

ON/OFF 0-10V

Rating

IP66 (optical chamber)

Performance

Output (Nominal Lumens)	1000lm, 1500lm, 2500lm
Color Rendering	CRI 70+ CRI 80+
Lumen Maintenance	L70 120,000hrs (Ta 25 °C [77 °F])

Certifications



DarkSky	DarkSky compliant (2200K, 2700K and 3000K color temperatures, BUG rating of U0)
---------	---

Physical

Housing Material	Aluminum
Lens Material	Optical Tempered Clear Glass (Clearsite Lens), Optical tempered opal glass (Softsite lens)
Access door material	Aluminium flush door with sealing gasket
Fixture Housing Material	Aluminium
Pole Housing Material	Aluminium
Access Door Dimensions	2.5 in x 6 in
Dual-Color Option	Black Sandtex Fixture/Silver Sandtex Cap and Ring, Silver Sandtex Fixture/Black Sandtex Cap and Ring
Hardware	Tamper-proof screws
Weight	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
EPA	10 ft single: 4.25 ft² 10 ft double: 4.43 ft² 12 ft single: 5.07 ft² 12 ft double: 5.24 ft²

Electrical and Control

Voltage	120 Volts, 208 Volts, 240 Volts, 277 Volts, 347 Volts, 480 Volts
Control	On/Off Control, 0-10V Dimming

Environmental

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


Important

Virtual Patent Marking Notice


This website (<https://www.lmpg.com/patents-trademarks>) is provided to satisfy the virtual patent marking provisions of applicable jurisdictions. Some products listed may be covered by additional patents not referenced here.

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	73	1	0	1	23
	HO	2,576*	81*	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	79	1	0	1
HO	2,794*	87*	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+

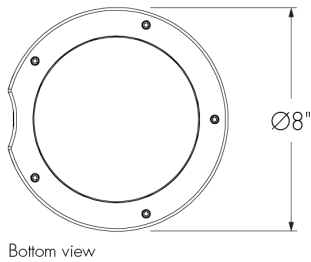
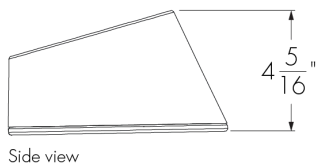
	Nominal output [lm]	Typical delivered output [lm]	Efficiency (lm/W)	BUG Rating			Typical maximum power 120/277V (W)
				B	U	G	
	SO	831	76	0	0	1	11
	RO	1,637	71	1	0	1	23
	HO	2,519	79	1	0	1	32

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

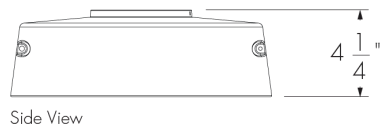
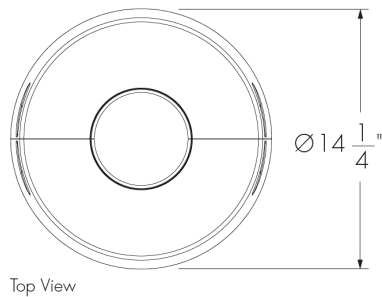
\*Photometric performance is measured in compliance with IESNA LM-79-24. Due to rapid and continous advance in LED technology, photometric information is subject to change without notice.

Luminaire Head Dimensions

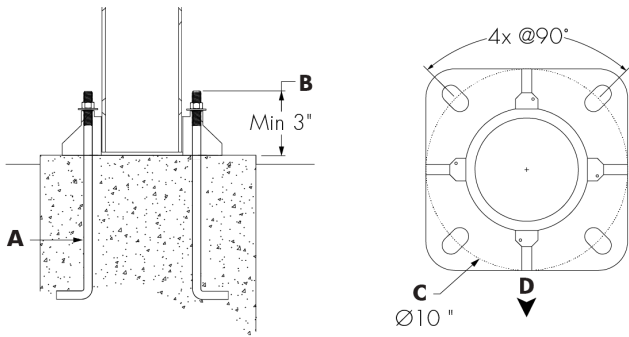


Base Cover Dimensions

WL - Round Base Cover For Ø5 in Round Pole

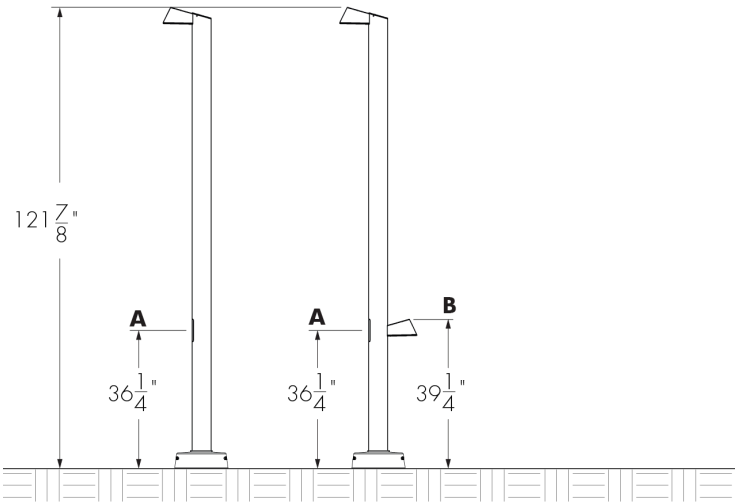


Standard Installation Assembly Details And Dimensions



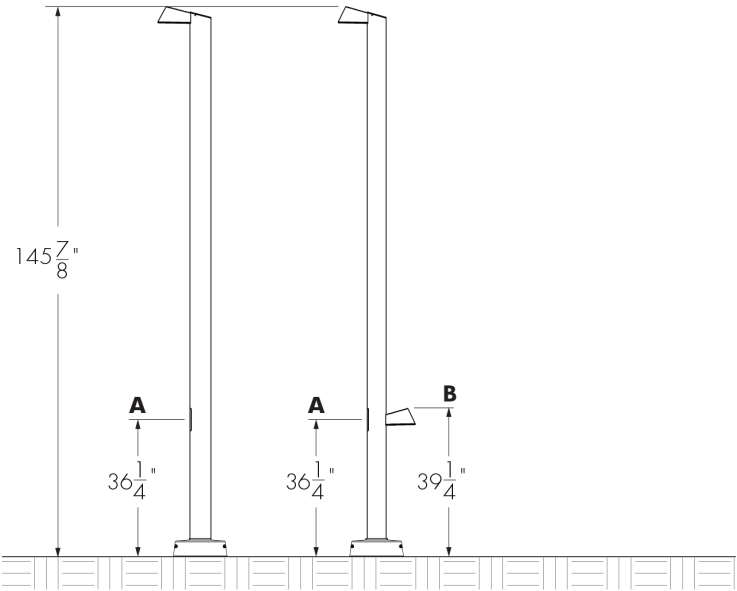
- A - (4x) Ø3/4 in by 26 in long anchor bolts with flats washers and nuts for each
- B - At least 3 in of the anchor bolts must be above ground for installation
- C - Bolt circle
- D - Access door and street side

10 ft Column

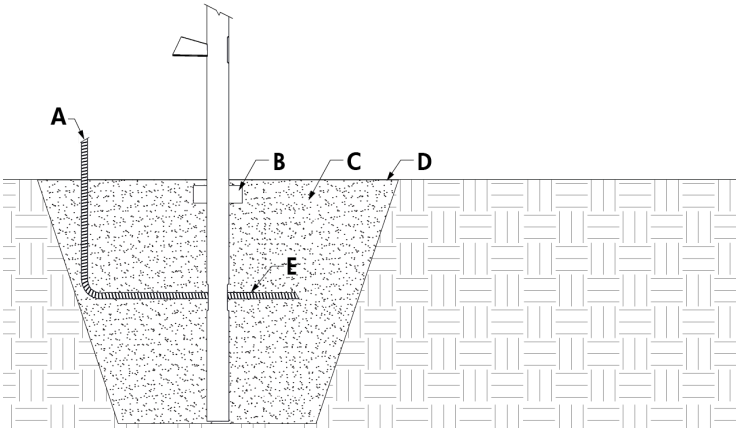


- A - Access door (distance from ground to center of access door)
- B - Bollard head option (distance from ground to top of bollard head)

12 ft Column

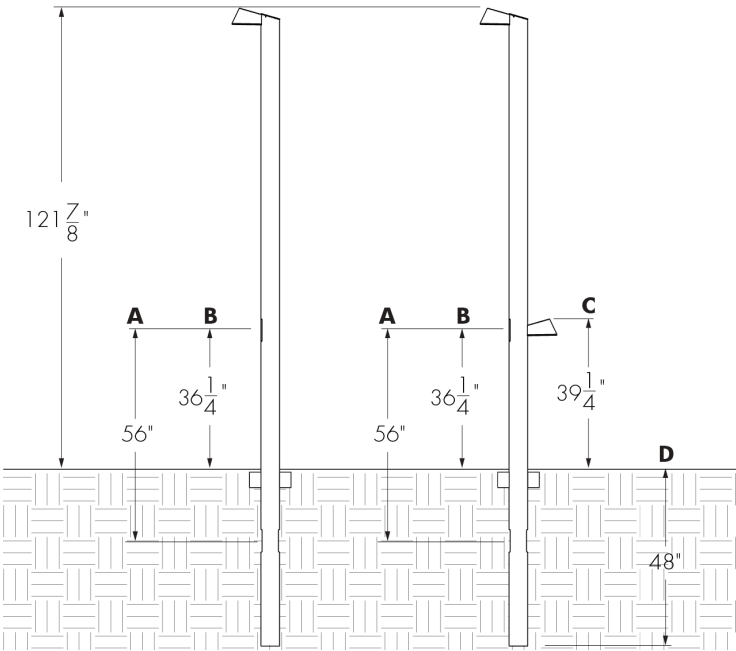


Direct Burial Installation Assembly Details And Dimensions



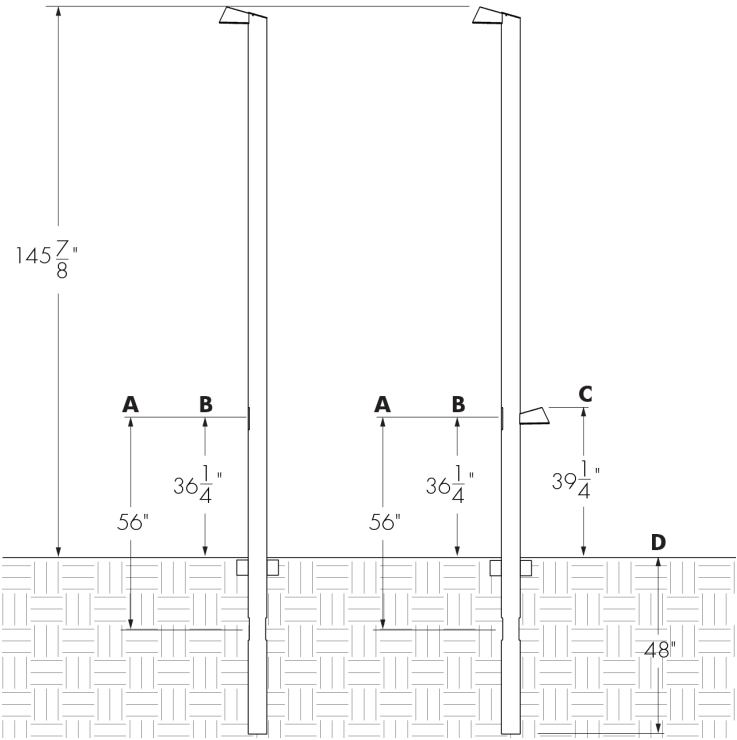
- A - Conduit (by others)
- B - Anti-rotating blade
- C - Filling
- D - Finished grade
- E - Opening for conduit

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

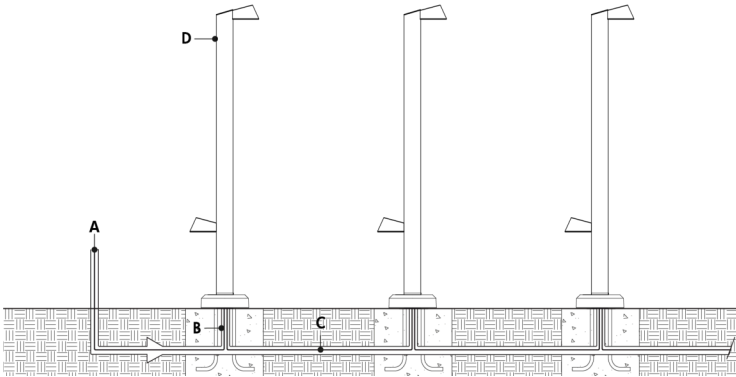


Typical Wiring Diagrams

Wiring Color Code

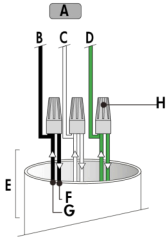
Color	Black	White	Green	Purple	Gray
Use	Line	Line/Neutral	Ground	0-10V+	0-10V-

On/Off Control (NO)



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

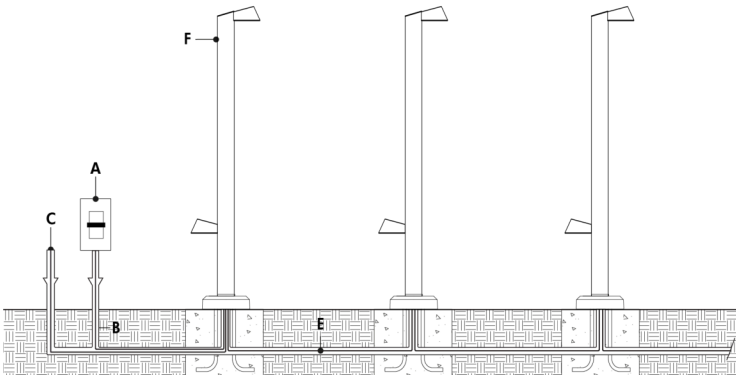
On/Off Control (NO) - Wiring Detail



- 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)

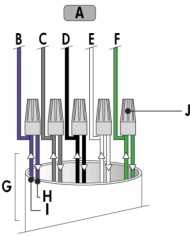
- Consult factory for specific applications and maximum fixture count/cable length recommendations.

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

Housing	Voltage	Height	Lens	Output (Nominal Lumens) <sup>(3)</sup>	Color and Color Temperature	Color Rendering	Distributions	Finish	Dual-Color Option	Dual-Color Finish Option <sup>(6)</sup>	Control
LIC Lumenicon Column	<b>120</b> 120 Volts	<b>10</b> 10 ft	<b>CSL</b> Clearsite Lens <sup>(1)</sup>	<b>SO</b> 1000lm	<b>22K</b> 2200K	<b>CRI 70</b> CRI 70+	<b>2</b> Type II	<b>BK</b> Black Sandtex®	<b>c</b> Dual-Color	<b>BK</b> Silver Sandtex® fixture with Black Sandtex® top cover and ring <sup>(9)</sup>  <b>SI</b> Black Sandtex® fixture with Silver Sandtex® top cover and ring <sup>(10)</sup>  <b>CC</b> Custom Color and Finish Fixture with Top Ccover and Ring Custom Color and Finish (Please Specify RAL Color) <sup>(5)</sup> <sup>(4)</sup> <sup>(7)</sup> <sup>(11)</sup>	<b>NO</b> On/Off Control  <b>DIM</b> 0-10V Dimming
	<b>208</b> 208 Volts	<b>12</b> 12 ft	<b>SSL</b> Softsite lens <sup>(2)</sup>	<b>RO</b> 1500lm	<b>27K</b> 2700K	<b>CRI 80</b> CRI 80+ <sup>(4)</sup>	<b>3</b> Type III	<b>BRZ</b> Bronze Sandtex®			
	<b>240</b> 240 Volts			<b>HO</b> 2500lm	<b>30K</b> 3000K		<b>4</b> Type IV	<b>SI</b> Silver Sandtex®			
	<b>277</b> 277 Volts				<b>35K</b> 3500K		<b>5S</b> Type V Square	<b>BKTX</b> Textured Black			
	<b>347</b> 347 Volts				<b>40K</b> 4000K		<b>5</b> Type V Softsite	<b>BRZTX</b> Textured Bronze Non-Metallic			
	<b>480</b> 480 Volts				<b>57K</b> 5700K			<b>GRATX</b> Textured Medium Gray  <b>GRNTX</b> Textured Green  <b>WHTX</b> Textured White  <b>CC</b> Custom Color & Finish <sup>(5)</sup> <sup>(4)</sup> <sup>(7)</sup>			

Notes:

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

2. Available with type 5 distribution only.

3. 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.

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

5. 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.
6. Setup charges apply for RAL colors. Consult factory for details.

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

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

9. Available with SI finish option only.

10. Available with BK finish option only.

11. Available with CC finish option only.



How to Order

Option	Anchor Bolts Option	Base Cover Options <sup>(16)</sup>	Bollard Head Option <sup>(17)</sup>	Bollard Head Lens <sup>(18)</sup>	Bollard Head Output <sup>(18)</sup>	Bollard Head Color and Color Temperature <sup>(18)</sup>	Bollard Head Color Rendering <sup>(18)</sup>	Bollard Head Distribution <sup>(18)</sup>
<b>CRC</b> Corrosion-Resistant Coating <sup>(12)</sup> <sup>(13)</sup>  <b>SP</b> Surge Protector  <b>PB</b> Photoelectric Cell Button Type <sup>(14)</sup>  <b>DB</b> Direct Burial	<b>AB</b> Anchor Bolts <sup>(15)</sup>	<b>WL</b> Round Base Cover WL for 5 in pole	<b>BH</b> Bollard Head	<b>CSL</b> Clearsite Lens <sup>(1)</sup>  <b>SSL</b> Softsite lens <sup>(2)</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>(4)</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

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

2. Available with type 5 distribution only.

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

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

13. Setup charges apply. Consult factory for details.

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

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

16. Base option not available with direct burial installation.

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

18. Required only if BH head option is selected.