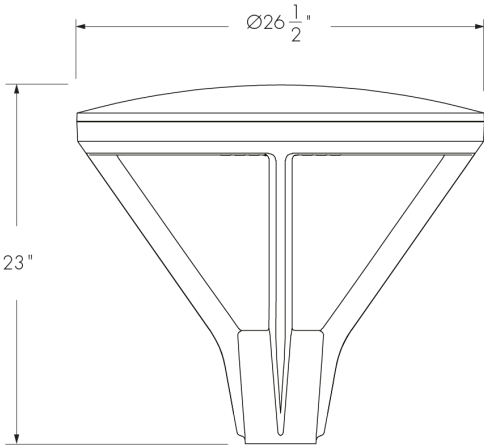


Project Name

Qty

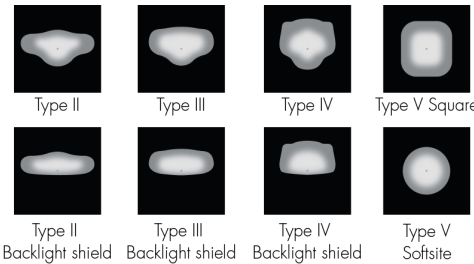
Type

Catalog / Part Number



Front view

Distributions



Colors and Color Temperatures



Control

ON/OFF 0-10V

Rating

IP66 (optical chamber)

Certifications



Description

Featuring a minimalist design, Steele luminaires are a practical, efficient lighting solution for parking lots, public squares and parks. The luminaire has a low effective Projected Area (EPA) which greatly reduces installation costs.

Features

Color and Color Temperature	2200K, 2700K, 3000K, 3500K, 4000K, 5700K
Distributions	Type II, Type III or Type IV (with or without backlight shield), Type 5 square and Type V Softsite
Options	Corrosion-resistant Coating for Hostile Environments, Surge Protector, 5-Pin Receptacle with or without shorting cap, 7-Pin Receptacle with or without shorting cap
Mounting Options	Top-Mount (4 in Tenon Adaptor)
Warranty	5-year limited warranty

Performance

Output (Nominal Lumens)	Minimum 3000lm / Maximum 20000lm
Color Rendering	3 SDCM for CRI 70+ and 2 SDCM for CRI 80+
Lumen Maintenance	TM-21 L70 527,000 hrs (projected, Ta 77 °F), 36,000 hrs (reported, Ta 77 °F)
DarkSky	DarkSky Approved (2200K, 2700K and 3000K color temperatures, BUG rating of U0)

Physical

Housing Material	Die cast low copper 360 aluminum alloy
Lens Material	Optical tempered clear glass (Clearsite lens), Optical tempered opal glass (Softsite lens)
Weight	60 lbs
EPA	1.19 ft²

Surface Finish	Super durable resistant exterior polyester powder coating meets AAMA 2604-98 requirements (5-years Florida exposure). A corrosion resistant finish (CRC) pre-finish is available to meet ASTM B-117 & ASTM D-1654 (salt spray resistance) and ASTM D-2247 requirements (humidity resistance).
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Electrical and Control

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

Environmental

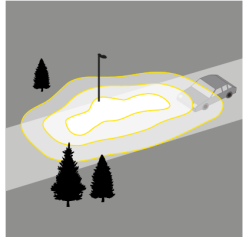
Storage Temperature	-40 °F to 122 °F (device must reach start-up temperature value before operating)
Start-up Temperature	-40 °F to 104 °F (-13 °F to 104 °F for 120V combined with M80, L170, L30 Softsite, L50 Softsite or L70 Softsite output)
Operating Temperature	-40 °F to 104 °F (-13 °F to 104 °F for 120V combined with M80, L170, L30 Softsite, L50 Softsite or L70 Softsite output)
Ingress Protection Rating	IP66 (optical chamber)
Environment	Dry/damp/wet location

Decorative arms (Order Separately, Consult Related Specification Sheets for Details)

Compatible decorative arms	Post-Top Decorative Arm: TN4-Post-Top (4 in Tenon Adaptor) Luminaire Mounting Option with DT1 and DT6 Arm Style.
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Photometric Information

Type II, 4000K, CRI 70+



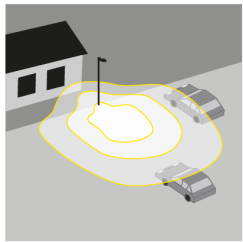
Nominal output [lm]	Typical delivered output [lm]	Efficiency (lm/W)	BUG Rating			Typical maximum power 220/277V (W)
B	U	G				
S40	3,053	99	1	0	1	31
S60	4,732	86	1	0	1	55
M80	6,258	98	2	0	2	64
M110	8,547	93	2	0	2	92
M150	11,295	86	2	0	2	132
L170	12,668	87	3	0	3	146
L200	15,263*	83	3*	0*	3*	185

Type III, 4000K, CRI 70+



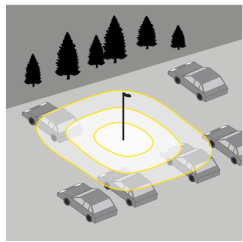
Nominal output [lm]	Typical delivered output [lm]	Efficiency (lm/W)	BUG Rating			Typical maximum power 220/277V (W)
B	U	G				
S40	3,574	115	1	0	1	31
S60	5,540	101	1	0	1	55
M80	7,327	115	2	0	2	64
M110	10,008	109	2	0	2	92
M150	13,225	100	3	0	3	132
L170	14,834	102	3	0	3	146
L200	17,820*	96	3*	0*	3*	185

Type IV, 4000K, CRI 70+



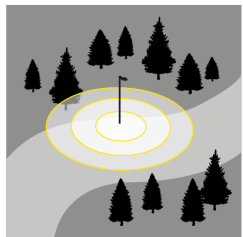
Nominal output [lm]	Typical delivered output [lm]	Efficiency (lm/W)	BUG Rating			Typical maximum power 220/277V (W)
B	U	G				
S40	3,202	103	1	0	2	31
S60	4,964	90	2	0	2	55
M80	6,565	103	2	0	3	64
M110	8,966	98	2	0	3	92
M150	11,848	90	3	0	3	132
L170	13,289	91	3	0	3	146
L200	15,958*	86	3*	0*	4*	185

Type V square, 4000K, CRI 70+



Nominal output [lm]	Typical delivered output [lm]	Efficiency (lm/W)	BUG Rating			Typical maximum power 220/277V (W)
B	U	G				
S40	3,420	110	2	0	1	31
S60	5,301	96	3	0	1	55
M80	7,011	110	3	0	2	64
M110	9,576	104	3	0	2	92
M150	12,654	96	4	0	2	132
L170	14,193	97	4	0	3	146
L200	17,046*	92	4*	0*	3*	185

Type V Softsite, 4000K, CRI 70+



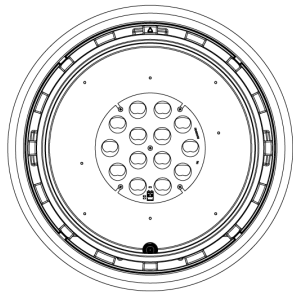
Nominal output [lm]	Typical delivered output [lm]	Efficiency (lm/W)	BUG Rating			Typical maximum power 220/277V (W)
B	U	G				
L30	2,371	52	1	0	1	47
L50	4,599	47	2	0	1	96
L70	6,252	43	2	0	1	146

*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.

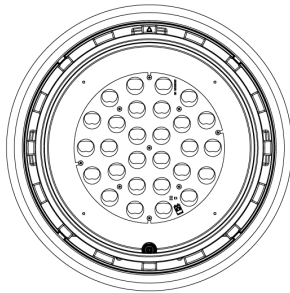
Optical System

LED board size

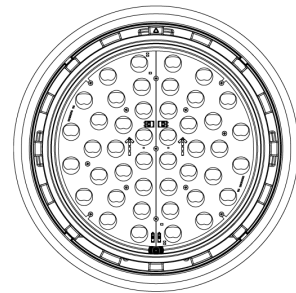
Small (4000lm to 6000lm)



Medium (8000lm to 15000lm)

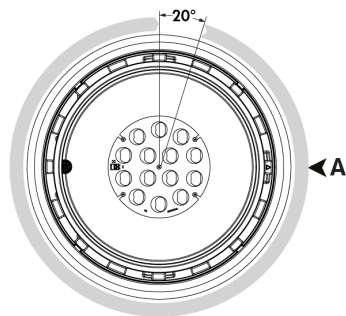


Large (17000lm to 20000lm)



Type V Softsite is available with large LED board only (3000lm to 7000lm).

Rotating Optical System



Increase flexibility and ease alignment with street side on-site with a rotating 20° increments Optical System.

- A - Street Side
- B - LED Board
- C - (4X) 1/4-20 Bolt with 11/16 Flat Washers and Lock Washers
- D - (4X) Bracket

Backlight Shield*



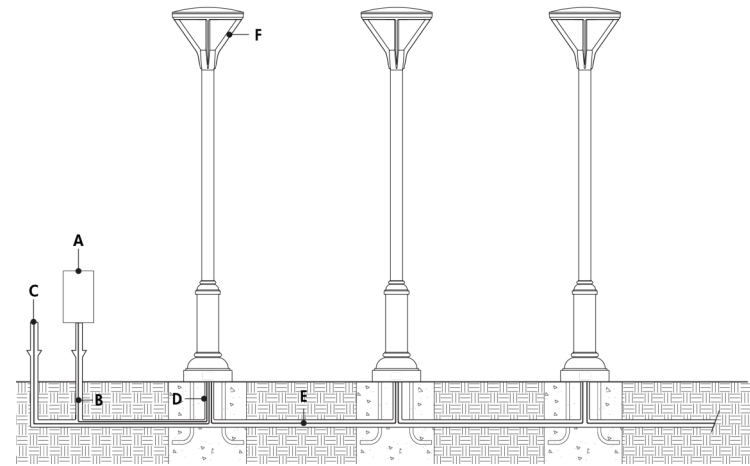
- *Small, medium and large LED boards size have the same full coverage backlight shield pieces.
- *Backlight shield available with Type II, Type III and Type IV only.
- *Backlight shield is factory installed.

Typical Wiring Diagrams

Wiring Color Code

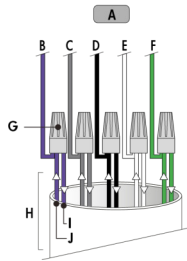
Color	Black	White	Green	Purple	Gray
Use	Line	Line/Neutral	Ground	0 -10V+	0 -10V -

0-10V Dimming (DIM)



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

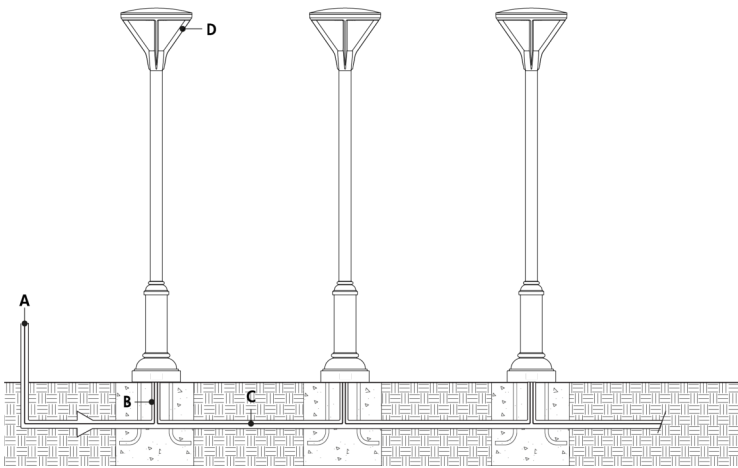
0-10V Dimming (DIM) - Wiring Detail



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

- 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.

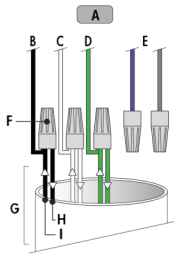
On/Off Control (NO)



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

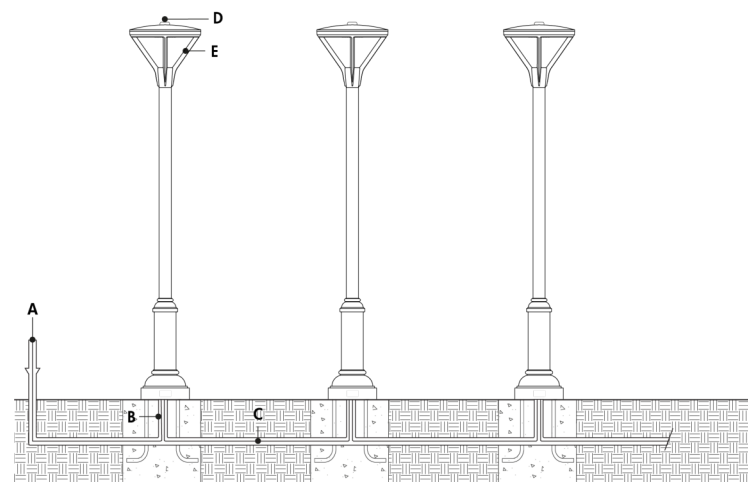
- Consult factory for specific applications and maximum fixture count/cable length recommendations.

On/Off Control (NO) - Wiring Detail



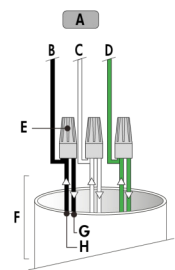
- A - To fixture
- B - Line
- C - Line/Neutral
- D - Ground
- E - Not required
- F - Wire-nuts (by others)
- G - Conduit (by others)
- H - To next fixture
- I - Power input or from previous fixture

5 Pins & 7Pins Receptacle Control (SPR5, SPR7)



- A - Power input (120-480V, wiring by others)
- B - Conduit (by others)
- C - Power wiring (by others)
- D - Photoelectric control
- E - Steele

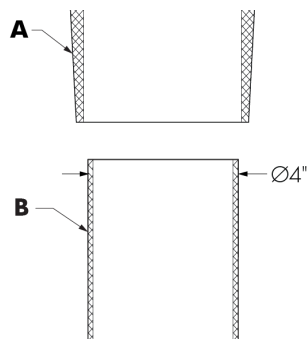
5 pins & 7pins Receptacle Control (SPR5, SPR7) - Wiring Detail



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

Mounting Options

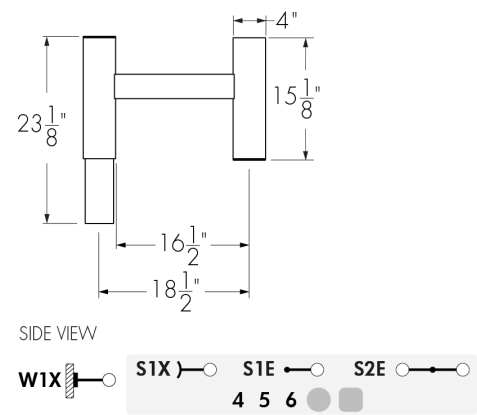
TN4 - Top-Mount (4 in Tenon Adaptor)



- A - Luminaire
- B - Decorative Arm

TN4 - Top-Mount (4 in Tenon Adaptor) Arm Style Dimensions

DT1 Arm Style



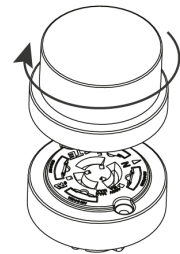
- Mid-pole/mid-luminaire distance is bases on 4 in pole (add 1/2 in for 5 in pole and 1 in for 6 in pole).

Options

SPR5 and SPR7 - 5-Pin and 7-Pin Receptacles



SPR5 SC and SPR7 SC - 5-Pin and 7-Pin Receptacles with Shorting Cap



- Dimming receptacle meets ANSI C136.41 Standard

How to Order

Housing ⁽¹⁾	Voltage	Lens	Output (Nominal Lumens)	Color and Color Temperature ⁽⁷⁾	Color Rendering	Distributions	Finish	Control	Option	Mounting Options
RS35 Steele RS35	120 120 Volts	CSL Clearsite Lens ⁽²⁾ ⁽³⁾	S40 4000lm ⁽⁶⁾	22K 2200K ⁽⁸⁾	CRI 70 CRI 70+ ⁽⁹⁾	2 Type II	BK Black Sandtex®	DIM 0-10V Dimming ⁽¹⁴⁾	CRC Corrosion- resistant coating ⁽¹⁵⁾ ⁽¹⁶⁾	TN4 Top-Mount (4 in Tenon Adaptor)
	208 208 volts	SSL Softsite lens ⁽⁴⁾ ⁽⁵⁾	S60 6000lm	27K 2700K ⁽⁸⁾	CRI 80 CRI 80+ ⁽¹⁰⁾	2BLS Type II Backlight Shield	BRZ Bronze Sandtex®		SP Surge Protector	
	240 240 volts		M80 8000lm	30K 3000K		3 Type III	SI Silver Sandtex®		SPR5 5-Pin Receptacle ⁽¹⁷⁾	
	277 277 Volts		M110 11 000lm	35K 3500K		3BLS Type III Backlight Shield	BKTX Textured Black		SPR5 SC 5-Pin Receptacle with Shorting Cap ⁽¹⁷⁾	
	347 347 volts		M150 15 000lm	40K 4000K		4 Type IV	BRZTX Textured Bronze Non- Metallic		SPR7 7-Pin Receptacle ⁽¹⁷⁾	
	480 480 volts		L170 17 000lm	57K 5700K		4BLS Type IV Backlight Shield	GRATX Textured Medium Gray		SPR7 SC 7-Pin Receptacle with Shorting Cap ⁽¹⁷⁾	
			L200 20 000lm			5S Type V Square	GRNTX Textured Green			
			L30 3000lm Softsite ⁽⁵⁾			5 Type V Softsite ⁽⁴⁾	WHTX Textured White			
			L50 5000lm Softsite ⁽⁵⁾				CC Custom Color & Finish ⁽¹¹⁾ ⁽¹²⁾ ⁽¹³⁾			
			L70 7000lm Softsite ⁽⁵⁾							

- Notes:
1. Consult Related Products section on webpage for a selection of compatible decorative arms, decorative poles (sold separately).

2. Available with S40, S60, M80, M110, M150, L170 and L200 output options only.

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

4. Available with L30, L50 and L70 output options only.

5. Available with type 5 distribution only.

6. Available up to 277V.

7. Consult factory for more color temperature options.

8. Available for CRI 80 only.

9. Binning within a 3-step MacAdam ellipse, with the exception of 5700K.

10. Binning within a 2-step MacAdam ellipse, with the exception of 2200K and 5700K.

11. 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.

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

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

14. DIM control can be used as NO (On/Off control) if no data is required.

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

16. Setup charges apply. Consult factory for details.

17. Only one receptacle can be specified per fixture.