

Specification Sheet **lumenblade Small BLDS**

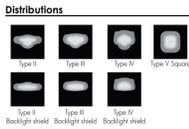
Project Name _____ City _____
 Type _____ Catalog / Part Number _____



Side and front views



Bottom view
 L120 or L140 (3 boards) shown



Color and Color Temperatures

2200K 2700K 3000K 3500K 4000K 5700K

Control
 ON/OFF 0-10V

Motion detector options

Rating
 IP66 (optical chamber)

Certifications



Description	
The Lumenblade Lumenblade Small is an outdoor LED luminaire that uses a rectilinear version of the Lumenblade light engine to create a continuous line of light. Its seen-but-not-seen, minimalist design is sustainable, blends with both contemporary and heritage architecture, provides a high level of security, and is sensitive to the natural environment. The Lumenblade Small is available in several lengths, a number of distributions and output options, and provides a stellar quality of light that brings the night to life.	

Features	
Mounting	Side mounting
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
1.5G Vibration Rated	Meets 1.5G ANSI C136.31 - 2010 vibration standard for roadway applications
Options	Corrosion-resistant coating for hostile environments, Surge protector, 5-pin receptacle with and without shunting cap, 7-pin receptacle with and without shunting cap, Motion detector
Pole Mounting Adaptor	Straight pole and Muller pole adaptor (round and square pole); 4 in, 5 in and 6 in Lumentech pole adaptor (square and round pole); 5 in (round pole only) and 6 in
Warranty	5-year limited warranty

Performance	
Output (nominal lumens)	Minimum 4000lm (1 board) / Maximum 14000lm (3 boards)
Efficacy	Up to 95 lm/W (Type 5 square, 4000K, M80 lumen output)
Color Rendering	3 SDCM for CR170+ and 2 SDCM for CR180+
Lumen Maintenance	Tm21 L70 > 57,000 hrs (projected, to 25 °C [77 °F]) L70 > 120,000 hrs (projected, to 25 °C [77 °F])

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Side and front views



Bottom view
 L120 or L140 (3 boards) shown



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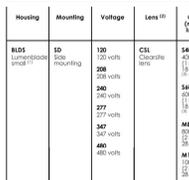
Features	
Mounting	Side mounting
Color and Color Temperature	2200K, 2700K, 3000K, 3500K, 4000K, 5700K
Distributions	Type II, Type III or Type IV (with or without backlight shield), Type 5 square
1.5G Vibration Rated	Meets 1.5G ANSI C136.31 - 2010 vibration standard for roadway applications
Options	Corrosion-resistant coating for hostile environments, Surge protector, 5-pin receptacle with and without shunting cap, 7-pin receptacle with and without shunting cap, Motion detector
Pole Mounting Adaptor	Straight pole and Muller pole adaptor (round and square pole); 4 in, 5 in and 6 in Lumentech pole adaptor (square and round pole); 5 in (round pole only) and 6 in
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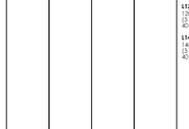
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Side and front views



Bottom view
 L120 or L140 (3 boards) shown



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Features	
Mounting	Side mounting
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
1.5G Vibration Rated	Meets 1.5G ANSI C136.31 - 2010 vibration standard for roadway applications
Options	Corrosion-resistant coating for hostile environments, Surge protector, 5-pin receptacle with and without shunting cap, 7-pin receptacle with and without shunting cap, Motion detector
Pole Mounting Adaptor	Straight pole and Muller pole adaptor (round and square pole); 4 in, 5 in and 6 in Lumentech pole adaptor (square and round pole); 5 in (round pole only) and 6 in
Warranty	5-year limited warranty

Performance	
Output (nominal lumens)	Minimum 4000lm (1 board) / Maximum 14000lm (3 boards)
Efficacy	Up to 95 lm/W (Type 5 square, 4000K, M80 lumen output)
Color Rendering	3 SDCM for CR170+ and 2 SDCM for CR180+
Lumen Maintenance	Tm21 L70 > 57,000 hrs (projected, to 25 °C [77 °F]) L70 > 120,000 hrs (projected, to 25 °C [77 °F])

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S3HS, S4HS, S2, S3, S4, P3

Specification Sheet **decorative poles Straight pole**

Project Name _____ City _____
 Type _____ Catalog / Part Number _____



Available Pole Shapes (Consult "Configurations Table" Section for more details)

Base cover options



Certifications

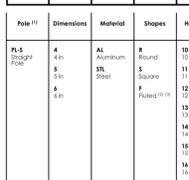
Description
 Lumenpulse Straight Poles are available in steel or aluminum of various diameters and profiles to suit your outdoor design. Our Straight Poles are suitable for use with our accessories, such as Banner Arms, Basket Holders and choice of Base Cover. Lumenpulse Straight Poles are available in multiple finishes.

Features
 Dimensions 4 in., 5 in., 6 in.
 Shapes Round, Square, Fluted
 Height Up to 30 ft. to specify height in 1 ft increments (consult configurations table for maximum height information)
 Options Ground Fault Duplex Receptacle, Ground Fault Duplex Receptacle (while in use), Direct Burial, Tamper-Proof Screws, Corrosion-resistant coating for hostile environments, Galvanized Steel
 Warranty 5-year limited warranty

Physical
 Material Aluminum, Steel
 Access Door Dimensions 2 1/8 in x 4 in
 Wall Thickness 1/8 in, 3/16 in, 1/4 in, 5/16 in
 Anchor Bolt Material Carbon steel partially galvanized
 Hardware Material Stainless steel
 Surface Finish Super durable resistant exterior polyester powder coating meets AAMA 2604-98 requirements (5-year Florida exposure), a corrosion resistant finish (CRCI) pre-finish is available to meet ASTM B-117 & ASTM D-1654 (salt spray resistance) and ASTM D-2247 requirements (humidity resistance).

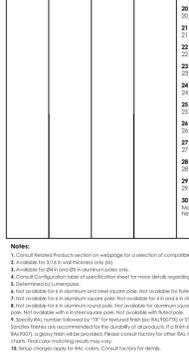
Specification Sheet **decorative poles Straight pole**

Project Name _____ City _____
 Type _____ Catalog / Part Number _____



Available Pole Shapes (Consult "Configurations Table" Section for more details)

Base cover options



Certifications

Pole ID	Dimensions	Material	Shapes	Height (ft)	Wall Thickness (in)	Finish	Base Cover Options (in)	Pole Top Options	Options	Anchor Bolt Options
P-1	4 in	Aluminum	Round	10 ft	1/8 in	Black Back	P Square Base Cover 10 ft for 4 in, 5 in and 6 in Pole	R2 2.38 in O.D. Tension Adaptor	DRG Ground Fault Duplex Receptacle (while in use)	AB Anchor Bolt
P-2	4 in	Steel	Square	11 ft	3/16 in	Black Back	WA Round Base Cover 10 ft for 4 in and 5 in Pole	R3 3 in O.D. Tension Adaptor	DRG IV Ground Fault Duplex Receptacle (while in use)	
P-3	4 in	Steel	Fluted	12 ft	1/4 in	Black Back	WB Round Base Cover 10 ft for 4 in Pole	R4 2 1/2 in O.D. Tension Adaptor	DR Direct Burial (1)	
P-4	4 in	Steel	Fluted	13 ft	3/16 in	Black Back	WC Round Base Cover 10 ft for 4 in, 5 in and 6 in Pole	R5 2 1/2 in O.D. Tension Adaptor	DR Direct Burial (1)	
P-5	4 in	Steel	Fluted	14 ft	3/16 in	Black Back	WD Round Base Cover 10 ft for 4 in and 5 in Pole	R6 2 1/2 in O.D. Tension Adaptor	DR Direct Burial (1)	
P-6	4 in	Steel	Fluted	15 ft	3/16 in	Black Back	WE Round Base Cover 10 ft for 4 in and 5 in Pole	R7 2 1/2 in O.D. Tension Adaptor	DR Direct Burial (1)	
P-7	4 in	Steel	Fluted	16 ft	3/16 in	Black Back	WF Round Base Cover 10 ft for 4 in and 5 in Pole	R8 2 1/2 in O.D. Tension Adaptor	DR Direct Burial (1)	
P-8	4 in	Steel	Fluted	17 ft	3/16 in	Black Back	WG Round Base Cover 10 ft for 4 in and 5 in Pole	R9 2 1/2 in O.D. Tension Adaptor	DR Direct Burial (1)	
P-9	4 in	Steel	Fluted	18 ft	3/16 in	Black Back	WH Round Base Cover 10 ft for 4 in, 5 in and 6 in Pole	R10 2 1/2 in O.D. Tension Adaptor	DR Direct Burial (1)	
P-10	4 in	Steel	Fluted	19 ft	3/16 in	Black Back	WI Round Base Cover 10 ft for 4 in, 5 in and 6 in Pole	R11 2 1/2 in O.D. Tension Adaptor	DR Direct Burial (1)	
P-11	4 in	Steel	Fluted	20 ft	3/16 in	Black Back	WJ Round Base Cover 10 ft for 4 in, 5 in and 6 in Pole	R12 2 1/2 in O.D. Tension Adaptor	DR Direct Burial (1)	
P-12	4 in	Steel	Fluted	21 ft	3/16 in	Black Back	WK Round Base Cover 10 ft for 4 in, 5 in and 6 in Pole	R13 2 1/2 in O.D. Tension Adaptor	DR Direct Burial (1)	
P-13	4 in	Steel	Fluted	22 ft	3/16 in	Black Back	WL Round Base Cover 10 ft for 4 in, 5 in and 6 in Pole	R14 2 1/2 in O.D. Tension Adaptor	DR Direct Burial (1)	
P-14	4 in	Steel	Fluted	23 ft	3/16 in	Black Back	WM Round Base Cover 10 ft for 4 in, 5 in and 6 in Pole	R15 2 1/2 in O.D. Tension Adaptor	DR Direct Burial (1)	
P-15	4 in	Steel	Fluted	24 ft	3/16 in	Black Back	WN Round Base Cover 10 ft for 4 in, 5 in and 6 in Pole	R16 2 1/2 in O.D. Tension Adaptor	DR Direct Burial (1)	
P-16	4 in	Steel	Fluted	25 ft	3/16 in	Black Back	WO Round Base Cover 10 ft for 4 in, 5 in and 6 in Pole	R17 2 1/2 in O.D. Tension Adaptor	DR Direct Burial (1)	
P-17	4 in	Steel	Fluted	26 ft	3/16 in	Black Back	WP Round Base Cover 10 ft for 4 in and 5 in Pole	R18 2 1/2 in O.D. Tension Adaptor	DR Direct Burial (1)	
P-18	4 in	Steel	Fluted	27 ft	3/16 in	Black Back	WQ Round Base Cover 10 ft for 4 in and 5 in Pole	R19 2 1/2 in O.D. Tension Adaptor	DR Direct Burial (1)	
P-19	4 in	Steel	Fluted	28 ft	3/16 in	Black Back	WR Round Base Cover 10 ft for 4 in and 5 in Pole	R20 2 1/2 in O.D. Tension Adaptor	DR Direct Burial (1)	
P-20	4 in	Steel	Fluted	29 ft	3/16 in	Black Back	WS Round Base Cover 10 ft for 4 in and 5 in Pole	R21 2 1/2 in O.D. Tension Adaptor	DR Direct Burial (1)	
P-21	4 in	Steel	Fluted	30 ft	3/16 in	Black Back	WT Round Base Cover 10 ft for 4 in, 5 in and 6 in Pole	R22 2 1/2 in O.D. Tension Adaptor	DR Direct Burial (1)	
P-22	4 in	Steel	Fluted	31 ft	3/16 in	Black Back	WX Round Base Cover 10 ft for 4 in, 5 in and 6 in Pole	R23 2 1/2 in O.D. Tension Adaptor	DR Direct Burial (1)	

Notes:
 1. Consult Factory for details on website for collection of compatible accessories (post-approval).
 2. Available for 4 in. wall thickness only.
 3. Available for 3/16 in. wall thickness only.
 4. Consult Configuration Table for specification sheet for more details regarding restrictions on base cover and anchor bolt heights.
 5. Available for 20 ft and 22 ft intermediate pole sizes.
 6. Not available for 4 in diameter and steel poles. Not available for 4 in diameter and steel poles.
 7. Not available for 4 in diameter and steel poles. Not available for 4 in diameter and steel poles.
 8. Not available for 4 in diameter and steel poles. Not available for 4 in diameter and steel poles.
 9. Not available for 4 in diameter and steel poles. Not available for 4 in diameter and steel poles.
 10. Not available for 4 in diameter and steel poles. Not available for 4 in diameter and steel poles.
 11. Longer lead time can be expected for custom color, color finishes.
 12. Available for 4 in. wall thickness only.
 13. Available for 3/16 in. wall thickness only.
 14. Not been tested or certified with 4 in diameter pole.
 15. Available for 20 ft and 22 ft intermediate pole sizes.
 16. Consult factory for availability with future image poles.
 17. Not available for 4 in diameter and steel poles. Not available for 4 in diameter and steel poles.
 18. Only one base receptacle can be specified to have.
 19. Available for 4 in diameter and steel poles. Not available for 4 in diameter and steel poles.
 20. Available for 4 in diameter and steel poles. Not available for 4 in diameter and steel poles.
 21. Only available for 4 in diameter and steel poles. Not available for 4 in diameter and steel poles.
 22. Only available for 4 in diameter and steel poles. Not available for 4 in diameter and steel poles.
 23. Only available for 4 in diameter and steel poles. Not available for 4 in diameter and steel poles.
 24. Anchor bolts provided with 3/8 in. nut, washer and washers. One supplied provided for every 3 poles.

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S3HS, S4HS, S2, S3, S4, P3

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S1

Specification Sheet **lumenblade Bold BLDS**

Project Name _____ City _____
 Type _____ Catalog / Part Number _____



Single head option (shown)

Distributions

Color and Color Temperature

Control
 ON/OFF 0-10V LT

Rating
 IP66 (optical chamber) IK06 (lens) IK10 (frame)

Certifications



Description
 The Lumenblade Bold is an outdoor LED luminaire that uses a rectilinear version of the Lumenblade light engine to create a continuous line of light. Options include heights of either two feet or three feet with a single or dual head. Its seen-but-not-seen, minimalist design is sustainable, blends with both contemporary and heritage architecture, provides a high level of security, and is sensitive to the natural environment with low outputs and with a BUG rating of 0.

Features
 Mounting Single head, Dual head, Lift ballast
 Height 2 ft, 3 ft
 Color and Color Temperature Amber, 2200K, 2700K, 3000K, 3500K, 4000K, 5700K
 Distributions Type II, Type III or Type IV (with or without backlight shield), Type V, Type V square
 Optical Option (factory installed) Louver
 Vibration Rating Meets ANSI C136.31-2018 vibration rating for Bridge & Overpass applications
 Options Vibration Rated for Bridge and Overpass, Corrosion-resistant coating for hostile environments, Surge protector, Photoelectric Call Button Type, Ground Fault Duplex Receptacle, Duplex receptacle with USB A and USB C
 Warranty 5-year limited warranty

Performance
 Output (nominal lumens) Minimum 2000lm (single head) / Maximum 2000lm (dual head)
 Efficacy Up to 86 lm/W (N10 lumen output, 4000K, CR170+ Type II)
 Color Rendering 3 SDCM for CR170+ 2 SDCM for CR180+ and CR190+
 Lumen Maintenance Tm21 L70 > 143,000 hrs (projected, to 25 - 50 °C [77 - 122 °F])
 Dark Sky Dark sky compliant (2200K, 2700K, 3000K and Amber color)