

Project Name

Qty

Type

Catalog / Part Number



Certifications



Mounting Configuration



Wall Mount

Post Top

1 Arm Mount

1 Arm & Post Top



2 Arm Mount @ 180°

2 Arm Mount @ 90°

2Arm @ 180° & Post Top

3 Arms @ 120°



3 Arms @ 90°

3Arm @ 120° & Post Top

4 Arms @ 90°

4Arm @ 90° & Post Top



1Arm MidMount

2Arm MidMount @ 180

Pier Base

Stem Hung



Catenary

Description

The 1710LED Villa luminaire is a small-scale fixture featuring a tall, cylindrical body made up of a cast aluminum top and round lens. This highly configurable luminaire offers many different styles for a unique appearance. Visually comfortable symmetrical light distribution or an optional performance optic allows for the correct amount of light for any application.

EPA: .78 (ft²) | WEIGHT: 35 LBS

Features

Mounting Configuration

- 1W: Wall Mount

1A: 1 Arm Mount

2A: 2 Arm Mount @ 180°

2APT: 2Arm @180 & Post Top

3A90: 3 Arms @ 90°

4A: 4 Arms @ 90°

1AM: 1 Arm MidMount

450PB: Pier Base

CAT: Catenary
- PT: Post Top

1APT: 1 Arm & Post Top

2A90: 2 Arm Mount @ 90°

3A: 3 Arms @ 120°

3APT: 3Arm @120 & Post Top

4APT: 4Arm @90 & Post Top

2AM: 2Arm MidMount @180

SH44: Stem Hung

Fixture

- 1710ALED: 4 Leg, Tapered Lens, Post Top

1710ALEDH: 4 Leg, Tapered Lens, Hanging

1710BLED: 2 Leg, Tapered Lens, Post Top

1710BLEDH: 2 Leg, Tapered Lens, Hanging

1710CLED: 2 Leg, Straight Lens, Post Top

1710CLEDH: 2 Leg, Straight Lens, Hanging

Roof

- RA: Deep shade w/ sloped top

RB: Deep shade w/ stepped top

RC: Thin shade

RD: Shallow shade w/ flat top

RE: No shade w/ flat top

Internal Housing

- IH1: Stacked louvers

IH3: Tapered cylinder

IH5: Ringed cylinder
- IH2: Smooth cylinder

IH4: 4-vaned deco

IH6: Low-rise cone

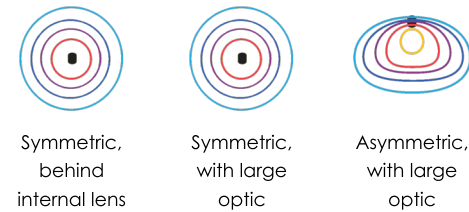
Finish



CCT - Color Temp (K)



Distribution Type



Fitter	R3: To slip fit 3" OD x 3" tall tenon R4: To slip fit 4" OD x 3" tall tenon NA: No Fitter, Hanging Fixture	
Internal Lens	SV2: SoftVue™ Moderate Diffused Acrylic Vertical Lens SV4: SoftVue™ Maximum Diffused Acrylic Vertical Lens SV2RB: SoftVue™ Moderate Diffused Ribbed Acrylic Lens NIL: No Internal Vertical Lens	
Optional Mini Shade	MS: Mini-Shade	
Optional External Rings	ERS: External Ring Set	
Optional Control Receptacle	R7: 7-Pin control receptacle only	
Optional Control	PE: Twist-Lock Photocontrol (120V-277V) PE4: Twist-Lock Photocontrol (347V-480V) SC: Shorting Cap	
Optional Fuse	FHD: Double Fuse and Holder	
Optional Hangstraight	HSBS: Standard Horizontal Hangstraight, Spike Finial HSBN: Standard Horizontal Hangstraight, No Finial HSBH: Standard Horizontal Hangstraight, Ball Finial EZ: Vertical Hangstraight, Large, "EZ" Mount	
Optional House Side Shield	HSS: 120° House Side Shield	
Optional Fixed Dimming Resistor Board	FDRB: Fixed Dimming Resistor Board	
Finish	UGMT: Urban Gun Metal Textured UBT: Urban Bronze Textured USLT: Urban Silver Textured UWHT: Urban White Textured BKT: Black Textured	UGM: Urban Gun Metal Matte UB: Urban Bronze Matte USL: Urban Silver Matte UWH: Urban White Matte CM: Custom Match

Light Source

LED	1L: 1 LED
CCT - Color Temp (K)	27: 2,700K 30: 3,000K 35: 3,500K 40: 4,000K 50: 5,000K
Distribution Type	TS: Symmetric, behind internal lens TSL: Symmetric, with large optic TAL: Asymmetric, with large optic
Driver	MDL05: 120V-277V, 500mA MDL07: 120V-277V, 700mA MDH07: 347V-480V, 700mA MDL09: 120V-277V, 900mA MDH09: 347V-480V, 900mA MDL11: 120V-277V, 1100mA MDH11: 347V-480V, 1100mA

How to Order

Mounting Configuration	Overall Drop Length (In Inches) ^{(4) (5)}	Fixture	Roof	Internal Housing ⁽⁸⁾	Fitter	LED	CCT - Color Temp (K)	Distribution Type	Driver	Internal Lens
1W Wall Mount PT Post Top ⁽¹⁾ 1A 1 Arm Mount 1APT 1 Arm & Post Top 2A 2 Arm Mount @ 180° 2A90 2 Arm Mount @ 90° 2APT 2Arm @180 & Post Top 3A 3 Arms @ 120° 3A90 3 Arms @ 90° 3APT 3Arm @120 & Post Top 4A 4 Arms @ 90° 4APT 4Arm @90 & Post Top 1AM 1Arm MidMount 2AM 2Arm MidMount @180 450PB Pier Base ^{(1) (2)} SH44 Stem Hung ⁽³⁾ CAT Catenary ⁽³⁾		1710ALED 4 Leg, Tapered Lens, Post Top 1710ALEDH 4 Leg, Tapered Lens, Hanging 1710BLED 2 Leg, Tapered Lens, Post Top 1710BLEDH 2 Leg, Tapered Lens, Hanging 1710CLED 2 Leg, Straight Lens, Post Top 1710CLEDH 2 Leg, Straight Lens, Hanging 1710CLEDH 2 Leg, Straight Lens, Hanging	RA Deep shade w/ sloped top RB Deep shade w/ stepped top RC Thin shade ⁽⁶⁾ RD Shallow shade w/ flat top RE No shade w/ flat top ⁽⁷⁾	IH1 Stacked louvers ^{(9) (10)} IH2 Smooth cylinder ⁽¹⁰⁾ IH3 Tapered cylinder ⁽¹⁰⁾ IH4 4-vaned deco ⁽¹⁰⁾ IH5 Ringed cylinder ⁽¹⁰⁾ IH6 Low-rise cone ⁽¹¹⁾	R3 To slip fit 3" OD x 3" fall tenon R4 To slip fit 4" OD x 3" fall tenon NA No Fitter, Hanging Fixture ⁽⁸⁾	1L 1 LED	27 2,700K 30 3,000K 35 3,500K 40 4,000K 50 5,000K	TS Symmetric, behind internal lens TSL Symmetric, with large optic ⁽¹²⁾ TAL Asymmetric, with large optic ⁽¹²⁾	MDL05 120V-277V, 500mA MDL07 120V-277V, 700mA MDH07 347V-480V, 700mA MDL09 120V-277V, 900mA MDH09 347V-480V, 900mA MDL11 120V-277V, 1100mA MDH11 347V-480V, 1100mA	SV2 SoftVue™ Moderate Diffused Acrylic Vertical Lens ⁽¹⁰⁾ SV4 SoftVue™ Maximum Diffused Acrylic Vertical Lens ⁽¹⁰⁾ SV2RB SoftVue™ Moderate Diffused Ribbed Acrylic Lens ⁽¹⁰⁾ NIL No Internal Vertical Lens ⁽¹¹⁾

Notes:

1. Not for use with hanging (H) fixture.

2. For use with (R3) fitter only

3. For use with hanging (H) fixture only.

4. Required field for Stem Mounting Configuration.

5. Minimum 28" Overall Drop Length.

6. For use with "C" style fixture only.
7. Not for use with "B" style fixture.

8. Internal Housing offered with Silver finish only.

9. Not for use with "SV2RB" Internal Lens.

10. For use with "TS" optic only.

11. For use with "TSL" or "TAL" optic only.

12. Not for use with "RC" roof.

How to Order

Optional Mini Shade	Optional External Rings	Optional Control Receptacle	Optional Control	Optional Fuse ⁽¹⁴⁾	Optional Hangstraight ⁽³⁾	Optional House Side Shield	Optional Fixed Dimming Resistor Board ⁽¹⁵⁾	Finish
MS Mini-Shade ⁽⁶⁾	ERS External Ring Set ⁽⁶⁾	R7 7-Pin control receptacle only	PE Twist-Lock Photocontrol (120V-277V) ⁽¹³⁾ PE4 Twist-Lock Photocontrol (347V-480V) ⁽¹³⁾ SC Shorting Cap ⁽¹³⁾	FHD Double Fuse and Holder	HSHS Standard Horizontal Hangstraight, Spike Finial HSHN Standard Horizontal Hangstraight, No Finial HSHB Standard Horizontal Hangstraight, Ball Finial EZ Vertical Hangstraight, Large, "EZ" Mount	HSS 120° House Side Shield	FDRB Fixed Dimming Resistor Board	UGMT Urban Gun Metal Textured UGM Urban Gun Metal Matte UBT Urban Bronze Textured UB Urban Bronze Matte USLT Urban Silver Textured USL Urban Silver Matte UWHT Urban White Textured UWH Urban White Matte BKT Black Textured CM Custom Match ⁽¹⁶⁾

Notes:

3. For use with hanging (H) fixture only.
6. For use with "C" style fixture only.
13. Requires control receptacle.
14. Ships loose for installation in base.
15. Not for use with R7.
16. Custom colors require upcharge.

Specifications

Housing	The housing is constructed utilizing precision cast aluminum parts.
Fitter	The fitter shall be heavy wall die cast aluminum for high tensile strength. It includes 4 stainless steel Allen-head set screws for attachment to a pole/tenon. The fixture can slip-fit a 3"OD (R3) or 4"OD (R4) x 3" tall tenons/poles.
Hang-Straight	A hang-straight transition is required for most hanging mounting configurations. The Standard (HSHx) is an aluminum ball and swivel horizontal hang-straight. Available with a spike (S), a ball (B), or no finial (N). The hang-straight slips a 4" long by 2-3/8" OD horizontal tenon. The (EZ) is a cast stainless steel ball and swivel vertical hang-straight. The special 2-part design allows for easy installation. It is factory installed under an arm and on the fixture.
Catenary Mount	The Catenary mount option includes a cast aluminum span wire clamp, which accommodates cables 1/4"-5/8" in diameter. Below the clamp is a decorative cast aluminum wire box and cover which transitions to the EZ vertical Hangstraight for fixture attachment. Aircraft Cable by others.
Internal Lens	When a (TS) optic is specified a 4" Internal tapered acrylic diffusing Soft-Vue lens must be included. Optional (SV2) moderate diffused acrylic vertical lens. Optional (SV4) maximum diffused acrylic vertical lens. Optional (SV2RB) moderate diffused RIBBED acrylic vertical lens.
Internal Housing	A decorative aluminum internal housing is included, powder coated in Silver finish only. When a (TAL/TSL) optic is specified, the (IH6) Low-Rise Cone must be used. When a (TS) optic is specified, an optional (IH1) Stacked Louvers, the (IH2) Smooth Cylinder, the (IH3) Tapered Cylinder, (IH4) 4-Vaned Deco or (IH5) Ringed Cylinder can be specified.
Optional Rings or Shade	A decorative cast aluminum (MS) Mini-Shade or (ERS) External Ring Set can be added to the "C" body ONLY. Installed above the shade on roof style (RC). Installed under shade on styles (RA), (RB), (RD) & (RE). (Mini-Shade) A small cast aluminum louvered shade measuring 17-1/2" OD x 1-1/2" tall. (External Rings) 2 flat cast aluminum rings measuring 13" OD, installed above the shade on roof style RC.
Hardware	Includes Stainless steel hardware. Most finishes will include hardware with a Black Oxide conversion coating. Light finishes will get non-color coated hardware (Whites and Silvers)
Lens	External cylindrical lens supplied as clear acrylic. (A and B body) - 7" to 9" tapered cylindrical lens (C body) - 8" straight cylindrical lens
UL Listing	UL listed per UL1598 and CSA C22.2 No. 250.0 for the United States and Canada. Suitable for Wet Locations.
Electronic Driver	The LED driver is UL recognized and will be securely mounted inside the fixture, for optimized performance and longevity. It will be supplied with a quick-disconnect electrical connector on the power supply, providing easy power connections for fixture installation and maintenance. It will have DC voltage output and be a constant current design. It runs at 50/60HZ and will have overload, overheat, and short circuit protection. It will be supplied with a supplemental line-ground, line-neutral and neutral-ground electrical surge protection in accordance with IEEE/ANSI C62.41.2 guidelines. It will be a high efficiency driver with a THD less than 20% and a high-power factor greater than .9. It will be dimming capable using a 0-10V signal, consult factory for more information.
IP Rating	IP66 rated luminaire for enhanced protection against dust and water intrusion.
Finish	Our 6 Stage Polyester Powder coat paint system offers a beautiful high-end finish that holds up to even the most extreme environments. Each part is inspected for quality and consistency before being released for shipment. Our system exceeds AAMA 2604, AAMA 2605, ASTM D523 and ASTM D4214 requirements.
Urban Finish	The Urban finish palette was created to highlight a modern, elegant aesthetic. All finishes are a 1 part powder coat with metallic flakes for a superior appearance. Finishes are available in textured or matte. Available finishes include: Black Textured, Urban Gun Metal, Urban Bronze, Urban Silver and Urban White

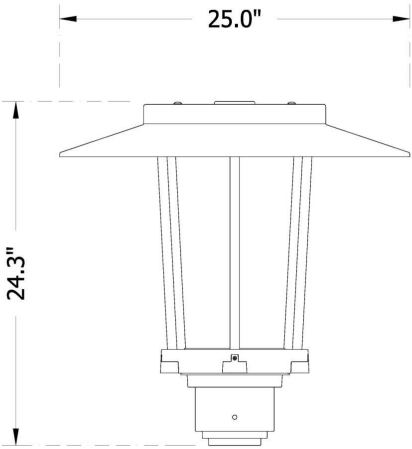
Custom Finish	Custom finishes are offered to adapt to any application. Custom Match option is available to blend sternberg product with the site, consult factory for more information.
Warranty	7-year limited warranty. See Website for Terms and Conditions.
LEDs	The LEDs in this system will be fully shielded in a direct downward position to maximize efficiency. The luminaire shall use high output, high brightness LEDs, consisting of a two piece assembly complete with Chip on Board (COB) LED component and COB holder frame. The LEDs shall be 100% recyclable; not contain lead, mercury or any other hazardous substances and shall be RoHS compliant. Lumen maintenance shall be determined in accordance with IESNA TM-21, based on LED manufacturer LM-80 test data of no less than 6,000 hours and in-situ testing of the luminaire by an NVLAP accredited Energy Efficient Lighting Products lab. The high performance white LED's will have a predicted lumen depreciation of approximately 100,000 hours with greater than 70% of initial output at 25°C. The High Brightness, High Output LEDs shall be 4000K (2700K, 3000K, 3500K or 5000K option) correlated color temperature (CCT) with a 70 (minimum) color rendering index (CRI). Consult factory for custom color CCT. The luminaire shall have a minimum _____ (see table) delivered initial lumen rating when operated at steady state with an average ambient temperature of 25°C (77°F). CCT Lumen Derate Values from 4,000K 2,700K (80+ CRI)=.88 3,000K (70+ CRI)=.97 3,500K (80+ CRI)=.93 5,000K (70+ CRI)=1.01
Optics	(TS Optic) The luminaire shall be provided with an individual, molded silicone refractor type optic applied to the COB (Chip On Board) LED assembly. An additional vertical diffused acrylic lens installed inside the unit allows for a high level of visual comfort. (TSL & TAL Optic) The luminaire shall be provided with an individual, large injection molded acrylic refractor type optic applied to the COB (Chip On Board) LED assembly. The optic visually spreads out size of the light source while creating a Symmetric (TSL) or asymmetric (TAL) light pattern. All testing shall be done in accordance with IESNA LM-79.
Backlight Optical Control	External House Side Shield (HSS): An optional external 120° House Side Shield helps control backlight. Spun aluminum panel painted to match fixture.
Fixed Dimming Resistor Board (FDRB)	Optional numbered 10-step selector switch allows for fine adjustment of the light levels in the field, repeatable from location to location. Offers dimming from 25% to 100% of the original output. Enclosure is composite material, sealed to protect components for the life of the product.
Photocontrols	Twist-Lock Style (Roof Mount): The photocontrol shall be mounted on the roof and prewired to driver. The twist lock type photocontrol is instant on with a 3-6 second turn off, and shall turn on at 1.5 footcandles with a turnoff at 2-3 footcandles. Photocontrol is 120-277 volt. Twist-Lock Style (Hangstraight Mount): The photocontrol shall be mounted externally on the hangstraight and pre-wired to driver. The twist lock type photocontrol is instant on with a 3-6 second turn off, and shall turn on at 1.5 footcandles with a turn-off at 2-3 footcandles. If an R7 is specified alongside a BALL or SPIKE style finial on hang-straight, a decorative cap (with window) is included to cover a STANDARD photocell. Use the NO FINIAL hangstraight option if the R7 is used with a WIRELESS CONTROLLER .

Lumen Chart(s)

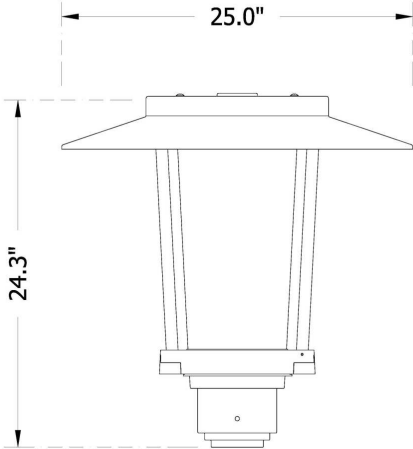
Tested with "C" style body and "RD" style roof | Tested with SV2 lens (TS Only) (TSL/TAL tested with optic)

Model #	TS DELIVERED LUMENS	BUG	EFFICACY (LPW)	TSL DELIVERED LUMENS	BUG	EFFICACY (LPW)	TAL DELIVERED LUMENS	BUG	EFFICACY (LPW)	WATTAGE
1L-40-T_-MDL11	6825	B3U3G3	106.6	7335	B3U3G3	114.6	7285	B2U3G2	113.8	64
1L-30-T_-MDL11	6650	B3U3G3	103.9	7150	B3U3G3	111.7	7100	B2U3G2	110.9	64
1L-27-T_-MDL11	6045	B3U3G3	94.5	6495	B3U3G3	101.5	6450	B2U3G2	100.8	64
1L-40-T_-MDL09	5735	B2U3G3	110.3	6145	B3U3G2	118.2	6090	B2U3G3	117.1	52
1L-30-T_-MDL09	5590	B2U3G3	107.5	5990	B3U3G2	115.2	5935	B2U3G3	114.1	52
1L-27-T_-MDL09	5075	B2U3G3	97.6	5440	B3U3G2	104.6	5390	B2U3G3	103.7	52
1L-40-T_-MDL07	4515	B2U3G3	110.1	4850	B2U2G2	118.3	4800	B1U2G2	117.1	41
1L-30-T_-MDL07	4400	B2U3G3	107.3	4725	B2U2G2	115.2	4680	B1U2G2	114.1	41
1L-27-T_-MDL07	3995	B2U3G3	97.4	4295	B2U2G2	104.8	4250	B1U2G2	103.7	41
1L-40-T_-MDL05	3295	B2U3G2	109.8	3540	B2U2G2	118.0	3510	B1U2G2	117.0	30
1L-30-T_-MDL05	3210	B2U3G2	107.0	3450	B2U2G2	115.0	3420	B1U2G2	114.0	30
1L-27-T_-MDL05	2915	B2U3G2	97.2	3135	B2U2G2	104.5	3110	B1U2G2	103.7	30

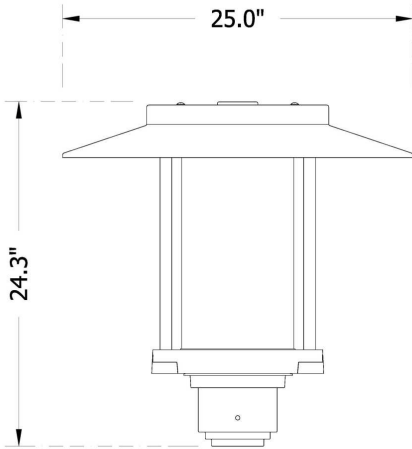
Dimensions



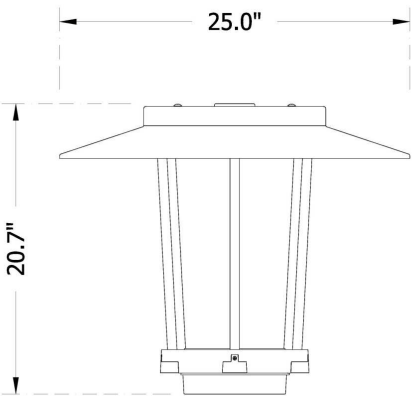
1710ALED-RD



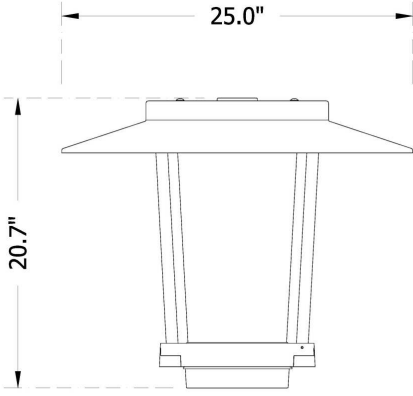
1710BLED-RD



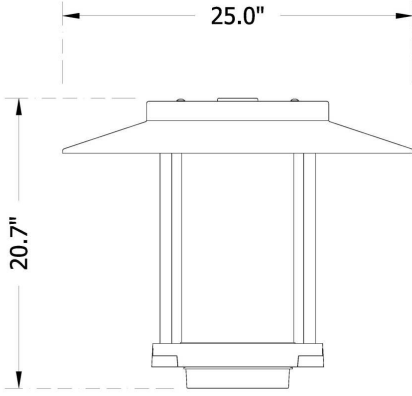
1710CLED-RD



1710ALEDH-RD



1710BLEDH-RD



1710CLEDH-RD

Roof



RA
Deep Shade with Sloped Top



RB
Deep Shade with Stepped Top



RC
Thin Shade



RD
Shallow Shade with Flat Top



RE
No Shade with Flat Top

Internal Housing

Internal Housing offered with Silver finish only



IH1
Stacked Louvers



IH2
Smooth Cylinder



IH3
Tapered Cylinder



IH4
4-Vaned Deco



IH5
Ringed Cylinder



IH6
Low Rise Cone

Internal Lens and Optic



SV2

Soft Vue Moderate Diffused Acrylic Vertical Lens



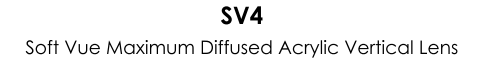
SV2RB

Soft Vue Moderate Diffused
Ribbed Acrylic Vertical Lens



TSL

Tall Optic, Symmetrical Distribution



SV4

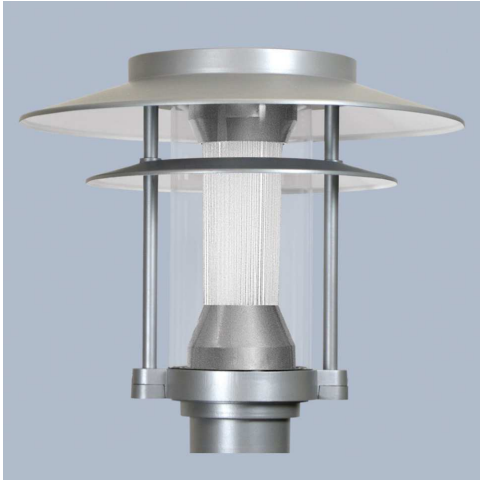
Soft Vue Maximum Diffused Acrylic Vertical Lens



TAL

Tall Optic, Asymmetrical Distribution

Options



MS

Mini-Shade



ERS

External Ring Set



R7-PE

7-Pin NEMA Twist-Lock Receptacle
With photocell

Hangstraight

Horizontal Hang-straight's slip fit 4" long by 2-3/8" OD horizontal tenon



Standard Horizontal Hangstraight, Spike Finial (HSHS)



Standard Horizontal Hangstraight, Ball Finial (HSHB)

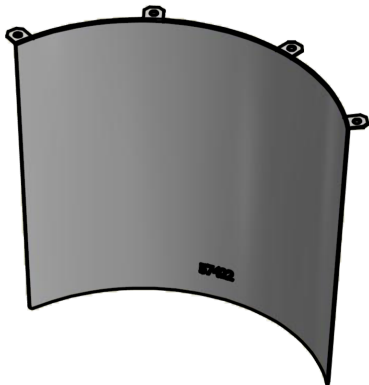


Standard Horizontal Hangstraight, No Finial (HSHN)



"EZ" Vertical hangstraight (EZ)

Options



House Side Shield (HSS)



Double Fuse Holder & (2) 3A Fuses (FHD)



Fixed Dimming Resistor Board (FDRB)