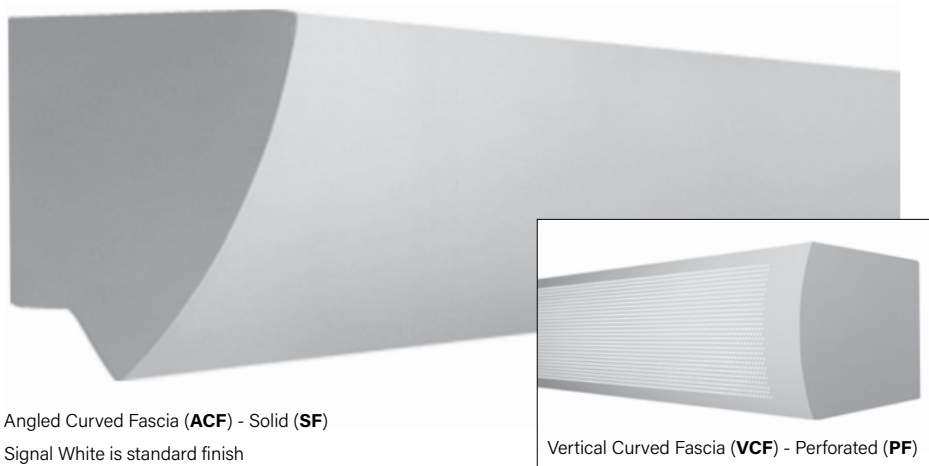


Submitted by:		Date:
Type:	Project:	
Ordering Info:		

# Series 17 LED ADA Wall Mount

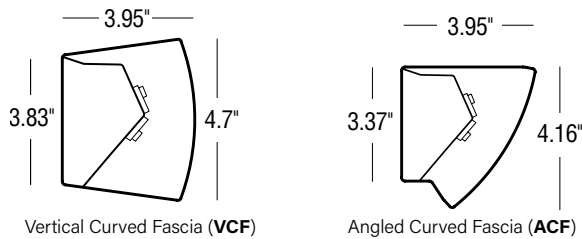


Illuminate corridors, stairwells and reception areas without glare and in high style with Series 17 LED ADA Wall Mount luminaires. Choose from Angled Curved Fascia (**ACF**) or Vertical Curved Fascia (**VCF**) in solid or perforated design. Series 17 LED uses mid-powered LEDs for long life and evenly distributed illumination. This Product is enrolled in the International Living Future Institute (ILFI) Declare 2.0 Program and is third-party verified with options achieving **Red List Approved** and **Red List Declared** status.

Angled Curved Fascia (**ACF**) - Solid (**SF**)  
Signal White is standard finish

Vertical Curved Fascia (**VCF**) - Perforated (**PF**)

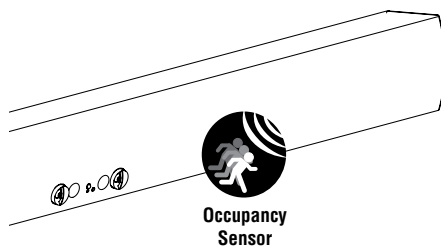
## CROSS SECTIONS



## Dimensions and Light Engine

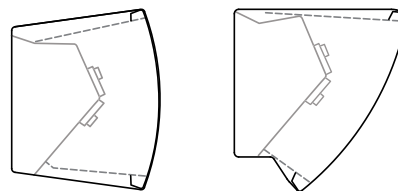
Extending less than 4" from the wall, Series 17 is ADA compliant and uses mid-powered LEDs yielding long life and even light distribution.

## FEATURES



### Integrated Sensors

Each unit is available with an optional integrated ultrasonic occupancy sensor.



### Diffusers

Standard with frosted acrylic diffuser on the top and bottom openings.



Submitted by:		Date:
Type:	Project:	
Ordering Info:		

# Series 17 LED ADA Wall Mount

Ordering Guide Example: S17 LED - WM - ACF - PF - 36' - B - 835 - 96 - 120 - SD - STEP - SW - LGD18W - OBO

## BODY TYPE

## OUTPUT AND LED TYPE

Platform	Luminaire Type	Shape	Fascia	Total Length of Run	Light Output
S17 LED - Series 17 LED	WM - Wall Mount	VCF - Vertical ACF - Angled	PF - Perforated SF - Solid	2', 3', 4' and 8' multiples standard.	<p>S - Standard (274 lumens)            B - Boosted (344 lumens)            H - High (520 lumens)            V - Very High (668 lumens)            TL - Tailored: _____lm/ft*</p> <p>Only B or V output can be specified with Step Dim Driver.</p> <p>* Specify lm/ft of outputs between Standard (S) and Very High (V). Consult factory for tailored lumen output outside of this range.</p>

## OUTPUT AND LED TYPE

## MECHANICAL/OPTICAL OPTIONS

## ELECTRICAL OPTIONS

LED CRI/CCT	Reflector System	Voltage	Driver Selection		
830 - 80 CRI, 3000K 835 - 80 CRI, 3500K 840 - 80 CRI, 4000K 930 - 90 CRI, 3000K 935 - 90 CRI, 3500K 940 - 90 CRI, 4000K 8TW - 80 CRI, Tunable White 9TW - 90 CRI, Tunable White	96 - 96 White	120 - 120 Voltage 277 - 277 Voltage	<p><b>0-10V Driver Options</b>            FC-10% - 0-10V 10% (standard)            FC-1% - 0-10V 1%            OTi-10% - EldoLED OTi, 0-10V 10%<sup>2</sup>            OTi-1% - EldoLED OTi, 0-10V 1%<sup>2</sup>            ELD-10V-0% - EldoLED SOLOdrive, 0-10V 0.1%            10V-TW-10% - EldoLED OTi, 0-10V 10% (Tunable White)<sup>2</sup></p> <p><b>DALI Driver Options</b>            FC-DALI-1% - DALI 1%            DXL-DALI-1% - EldoLED Dexas, 1%            ELD-DALI-0% - EldoLED SOLOdrive, 0.1%            ELD-DALI-TW - EldoLED DUALdrive LightShape, 0.1% (Tunable White)</p>		<p><b>Lutron Driver Options</b>            LUT-ES1 - Lutron, Ecosystem 1%            LUT-TW - Lutron LD2 Dali-2 1% (Tunable White)</p> <p><b>Step Driver Options</b>            STEP - Step Dim Driver            Only available in B or V output. If OBO is specified to dim to 50% when unoccupied, step dim drivers must be specified.</p> <p>See Page 3 for additional driver options and details</p>
		<p><b>Circuiting</b><sup>1</sup></p> <p>SC - Single Circuit*            One single circuit in a run            SD - Step Dim Circuit            Step Dim Circuit (SD)</p> <p>* Battery, Night Light, and Emergency to Generator circuits are in addition to the normal luminaire circuit(s)</p>			

## OTHER OPTIONS

Finish	Emergency Style (Optional)	Integrated Sensor <sup>4</sup> (Optional)	Special Options (Optional)
SW - Signal White (standard) FB - Finelite Black <sup>3</sup> SA - Satin Aluminum <sup>3</sup> #### - RAL Color Code <sup>3</sup>	LGD18W - Legrand 18W Brand Battery Back-up LGD10W - Legrand 10W Brand Battery Back-up EM/GEN - Emergency to Generator NL - Night Light BSL310LP - Bodine Battery Back up Low Profile GTD - Generator Transfer Device ALCR - Automatic Load Control Relay	OBO - Occupancy If OBO is specified and dim to 50% is required, step dim driver must be specified. Available with integrated ultrasonic occupancy sensor.	RLA - Red List Approved RLD - Red List Declared

<sup>1</sup> Contact factory for switching options

<sup>2</sup> Add DTO to gain "Dim to Off" functionality (FC-10% - DTO, FC-1% - DTO)

<sup>3</sup> 20 business days lead time for color

<sup>4</sup> Not available on 2' luminaires.

Submitted by:		Date:
Type:	Project:	
Ordering Info:		

# Series 17 LED ADA Wall Mount

## SUPPLEMENTARY DRIVER PAGE

### 0-10V Driver Options

<b>FC-10%</b>	Factory Choice, 0-10V 10% Dimming (Linear)
<b>FC-10%-DTO</b>	Factory Choice, 0-10V 10% Dimming, Dim-to-Off (Linear)
<b>FC-1%</b>	Factory Choice, 0-10V 1% Dimming (Linear)
<b>FC-1%-DTO</b>	Factory Choice, 0-10V 1% Dimming, Dim-to-Off (Linear)
<b>ELD-10V-0%</b>	EldoLED SOLOdrive, 0-10V 0.1% Dimming (Linear)
<b>ELD-10V-1%</b>	EldoLED ECOdrive, 0-10V 1% Dimming (Linear)
<b>10V-TW-10%</b>	EldoLED OTi, 0-10V 10% Dimming, <i>Tunable White</i> (Linear)
<b>10V-TW-10%-DTO</b>	EldoLED OTi, 0-10V 10% Dimming, Dim-to-Off, <i>Tunable White</i> (Linear)
<b>OTi-10%</b>	EldoLED OTi, 0-10V 10% Dimming (Linear)
<b>OTi-10%-DTO</b>	EldoLED OTi, 0-10V 10% Dimming, Dim-to-Off (Linear)
<b>OTi-1%</b>	EldoLED OTi, 0-10V 1% Dimming (Linear)
<b>OTi-1%-DTO</b>	EldoLED OTi, 0-10V 1% Dimming, Dim-to-Off (Linear)

### DALI Driver Options

<b>FC-DALI-1%</b>	Factory Choice, DALI 1% Dimming (Logarithmic)
<b>DXL-DALI-1%</b>	EldoLED Dexal, DALI 1% Dimming (Logarithmic)
<b>ELD-DALI-0%</b>	EldoLED SOLOdrive, DALI 0.1% Dimming (Logarithmic)
<b>ELD-DALI-1%</b>	EldoLED ECOdrive, DALI 1% Dimming (Logarithmic)
<b>ELD-DALI-TW</b>	EldoLED DUALdrive Light Shape, DALI 0.1% Dimming, <i>Tunable White</i> (Logarithmic Dimming, Linear CCT Control)

### Lutron Driver Options

<b>LUT-ES1</b>	Lutron, Ecosystem 1% Dimming
<b>LUT-TW</b>	Lutron LD2, Dali-2 1%, <i>Tunable White</i>

### Step Dim Driver Option

<b>Step</b>	Step Dim Driver, dim to 50%
-------------	-----------------------------

Submitted by:		Date:
Type:	Project:	
Ordering Info:		

# Series 17 LED ADA Wall Mount

## SPECIFICATIONS

### BODY TYPE

**CONSTRUCTION:** Luminaire channel is 6063-T6 extruded aluminum. Fascia covers are die-formed 20-gauge steel. Mounting clips are constructed from 22-gauge die-formed steel. All components are hard-tooled to tolerances of +/- 0.010".

**LENGTHS:** Modular section lengths of 2', 3', 4' and 8' section lengths can be combined to make longer runs.

### OUTPUT AND LED TYPE

**LIGHT OUTPUT:** Four lumen packages available: Standard (S), Boosted Standard (B), High (H), and Very High (V). A separate chart summarizes lumen distribution and wattage. Light engines are replaceable.

### MECHANICAL/OPTICAL OPTIONS

**LUMEN MAINTENANCE:** 90% of initial light output (L90) at 100,000+ hours; 70% of initial light output (L70) at 200,000+ hours.

### ELECTRICAL OPTIONS

**EMERGENCY:** Optional emergency to generator/inverter wiring, internal generator transfer switch, nightlight wiring, step-dimming driver, backup battery.

Backup Battery		
	Legrand 18W	Legrand 10W/ Bodine BSL310LP
<b>S17</b>		
<b>Min. Housing Length</b>	8'*	4'
<b>EM Lumen Output</b>	1612	960
<b>EM Section Illuminated</b>	2'	2' or 4'

\* Minimum luminaire housing length for battery pack approved without sensor. \*\* Exception: 5' not available, 6'+ okay  
The lumens are based on S17-VCF-SF 835. For other CCT/CRI, refer to the Lumen Adjustment Factor table on page 6.

**FEED:** Standard with one 18-gauge/5-conductor single-circuit feed. 14-gauge feed used when luminaire current exceeds 5 amps.

**DRIVER:** Replaceable 120V/277V Constant Current Reduction dimming driver standard. Can be wired dimming or non-dimming. 0-10V dimming controls with a range of 10%-100%. Dimming to 1% available; consult factory. Driver is fully accessible from below the ceiling.

- **Power Factor:** ≥ 0.9
- **Total Harmonic Distortion (THD):** <20%
- **Expected driver lifetime:** 100,000 hours

**TUNABLE WHITE DRIVER:** Replaceable LED driver.

Driver is fully accessible from below the ceiling. 120/277V.

- **Power Factor:** ≥ 0.9
- **Total Harmonic Distortion (THD):** <20%
- **Dimming Range:** 100% - 1%.
- **Expected driver lifetime:** 100,000 hours

### LUTRON STATIC DRIVER OPTIONS:

**LUT-ES1** - Hi-lume 1% EcoSystem with Soft-On, Fade-to-Black dimming (LDE1 series).

### LUTRON TUNABLE WHITE DRIVER OPTIONS:

**LUT-TW** 1% LD2 Dali-2 Tunable White.

### MOUNTING OPTIONS

Standard with mounting clips to the wall and not visible from normal viewing angles once installed. One mounting clip is provided for every 16 inches of luminaire for a secure connection to the wall. Luminaire is snapped into place on the mounting clips and secured using locking screws.

**INTERCONNECTION CABLES:** luminaires are prewired with plug-and-play interconnection cables to support easy plug-together joining of luminaire runs.

### OTHER OPTIONS

**ENDCAPS:** The Flat Endcap (FE) is standard and made of 20-gauge die-formed steel adding 1/8" at each end.

**INTEGRATED SENSORS:** Available with integrated ultrasonic occupancy sensors. Not available on 2' luminaires.

**FINISHES:** Finelite Signal White (SW) powder coat, Finelite Black (RAL 9005) with semi gloss fine texture (FB), and Satin Aluminum (SA) are standard. Optional Adder: 179 RAL colors are available.

**LABELS:** Luminaire and electrical components are ETL listed conforming to UL 1598 in the U.S.A. and CAN/CSA C22.2 No. 250.0 in Canada. In accordance with NEC Code 410.130 (G), this luminaire contains an internal driver disconnect. Damp Location. Finelite products use electronic components that are RoHS compliant, and the mechanical components of the luminaire have been verified to not knowingly contain any restricted substances listed per RoHS Directive 2015/863. Finelite makes the specification process easy when putting healthier products on your projects. Simply add - **RLA** (Red List Approved) or - **RLD** (Red List Declared) to your part number.

**WEIGHT:** 2 lb/ft.

**WARRANTY:** 10-year performance-based warranty on all standard components. Optional accessories such as emergency battery packs are covered by their individual manufacturer warranties.

Submitted by:		Date:
Type:	Project:	
Ordering Info:		

# Series 17 LED ADA Wall Mount

## ACF SF Photometry - 4' Luminaire 3500K

### S17-LED-ACF-SF

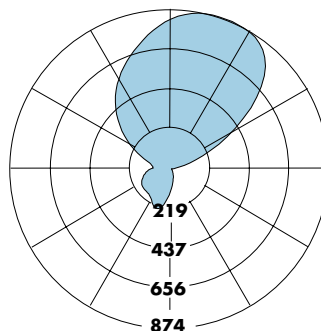
**Efficacy:** 72 lumens per watt

**Total luminaire output:** 2673 lumens (668 lm/ft)  
371 watts (9.3 W/ft)

Peak Candela Value: 874 @ 165°

CRI: 80 / CCT: 3500K

ITL LM79 Report 85160



CANDELA DISTRIBUTION						
	0.0	45	90	135	180	Flux
0	107	107	107	107	107	
5	79	86	107	133	144	11
15	40	53	103	184	217	33
25	16	28	94	207	228	52
35	5	12	81	193	196	61
45	1	4	64	165	185	63
55	0	0	47	146	186	64
65	0	0	30	129	180	62
75	0	0	16	109	160	54
85	0	0	4	85	133	43
90	5	9	25	69	102	
95	5	9	25	69	102	47
105	74	116	116	110	124	119
115	238	289	240	209	205	238
125	483	495	377	323	314	355
135	721	669	516	439	425	421
145	842	773	637	544	528	412
155	871	828	730	640	617	339
165	874	852	791	726	701	222
175	850	842	819	796	787	78
180	824	824	824	824	824	

### Total Light Output, 3500K, 80 CRI (Lumens) - 4 ft. Luminaire

S <sup>1</sup>	B <sup>1</sup>	H <sup>1</sup>	V <sup>2</sup>
1094	1376	2079	2673

### Light Output, 3500K, 80 CRI (Lumens Per Foot)

S <sup>1</sup>	B <sup>1</sup>	H <sup>1</sup>	V <sup>2</sup>
274	344	520	668

### Power, 3500K, 80 CRI (Watts Per Foot)

S <sup>1</sup>	B <sup>1</sup>	H <sup>1</sup>	V <sup>2</sup>
3.6	4.6	7.1	9.3

### Efficacy, 3500K, 80 CRI (Lumens Per Watt)

S <sup>1</sup>	B <sup>1</sup>	H <sup>1</sup>	V <sup>2</sup>
76	75	73	72

### Sample Lumen Adjustment Calculation

#### Lumen Adjustment Factors 80 CRI

<b>3000K</b>	0.985
<b>3500K</b>	1.000
<b>4000K</b>	1.032

#### Lumen Adjustment Factors 90 CRI

<b>3000K</b>	0.746
<b>3500K</b>	0.760
<b>4000K</b>	0.789

High Output (H) / Standard Output (S), 4000K, 90 CRI

**Lumen Adjustment Factor:** 0.789

**Total Light Output:** 2079 lm x 0.789 = 1640 lm

**Total Light Output per Foot:** 520 lm/ft x 0.789 = 410 lm/ft.

**watts/foot:** 7.1 W/ft.

$$\text{Efficacy} = \frac{410 \frac{\text{lm}}{\text{ft.}}}{7.1 \frac{\text{W}}{\text{ft.}}} = 58 \text{ lm/W}$$

S - Standard Output, B - Boosted Standard Output, H - High Output, V - Very High Output

<sup>1</sup> Family Correlation based on 4' luminaire 3500K Very High Output (V) test - 120V.

<sup>2</sup> Based on ITL reports: 85160

Protected by one or more US Patents: 8915613; D702,391; D702,390; D700,732

Page 5

Submitted by:		Date:
Type:	Project:	
Ordering Info:		

# Series 17 LED ADA Wall Mount

## VCF SF Photometry - 4' Luminaire 3500K

### S17-LED-VCF-SF

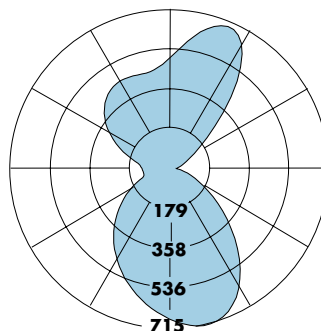
**Efficacy:** 88 lumens per watt

**Total luminaire output:** 3222 lumens (806 lm/ft)  
36.8 watts (9.2 W/ft)

Peak Candela Value: 708 @ 15°

CRI: 80 / CCT: 3500K

ITL LM79 Report 85158



CANDELA DISTRIBUTION						
	0.0	45	90	135	180	Flux
0	687	687	687	687	687	
5	706	700	684	668	663	65
15	708	696	656	618	607	185
25	637	639	597	552	545	273
35	495	524	509	473	473	310
45	323	379	400	388	396	293
55	175	235	287	299	314	238
65	73	117	183	212	231	165
75	12	35	96	133	156	93
85	0	0	26	97	150	55
90	0	0	0	100	154	
95	0	0	18	110	163	59
105	0	2	79	181	227	100
115	8	36	163	264	313	159
125	55	156	258	337	392	221
135	196	361	350	391	444	274
145	478	550	425	419	466	290
155	660	631	478	432	458	241
165	660	617	510	453	450	151
175	572	556	522	495	487	50
180	524	524	524	524	524	

#### Total Light Output, 3500K, 80 CRI (Lumens) - 4 ft. Luminaire

S <sup>1</sup>	B <sup>1</sup>	H <sup>1</sup>	V <sup>2</sup>
1319	1658	2506	3222

#### Light Output, 3500K, 80 CRI (Lumens Per Foot)

S <sup>1</sup>	B <sup>1</sup>	H <sup>1</sup>	V <sup>2</sup>
330	415	627	806

#### Power, 3500K, 80 CRI (Watts Per Foot)

S <sup>1</sup>	B <sup>1</sup>	H <sup>1</sup>	V <sup>2</sup>
3.6	4.6	7.0	9.2

#### Efficacy, 3500K, 80 CRI (Lumens Per Watt)

S <sup>1</sup>	B <sup>1</sup>	H <sup>1</sup>	V <sup>2</sup>
92	90	90	88

#### Sample Lumen Adjustment Calculation

##### Lumen Adjustment Factors 80 CRI

<b>3000K</b>	0.985
<b>3500K</b>	1.000
<b>4000K</b>	1.032

##### Lumen Adjustment Factors 90 CRI

<b>3000K</b>	0.746
<b>3500K</b>	0.760
<b>4000K</b>	0.789

High Output (H), 4000K, 90 CRI

**Lumen Adjustment Factor:** 0.789

**Total Light Output:** 2506 lm x 0.789 = 1977 lm

**Total Light Output per Foot:** 627 lm/ft x 0.789 = 495 lm/ft.

**watts/foot:** 7.0 W/ft.

$$\text{Efficacy} = \frac{495 \frac{\text{lm}}{\text{ft.}}}{7.0 \frac{\text{W}}{\text{ft.}}} = 71 \text{ lm/W}$$

S - Standard Output, B - Boosted Standard Output, H - High Output, V - Very High Output

<sup>1</sup> Family Correlation based on 4' luminaire 3500K Very High Output (V) test - 120V.

<sup>2</sup> Based on ITL reports: 85160

Protected by one or more US Patents: 8915613; D702,391; D702,390; D700,732