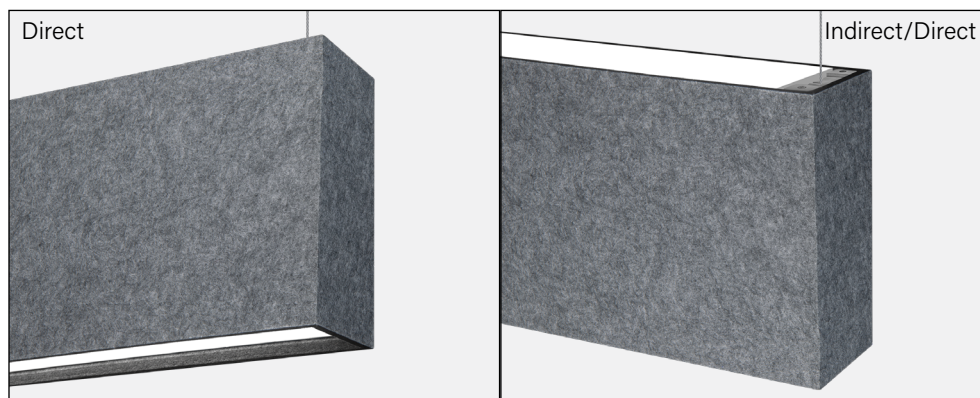


Submitted by:		Date:
Type:	Project:	
Ordering Info:		

# Acoustic

## HP-2 Acoustic Baffle Lit



HP-2 Acoustic Baffle Lit is a high-performing, sound-absorbing LED pendant luminaire with a 2" aperture. It's available in direct and indirect/direct, flush or regressed options. This luminaire offers a sophisticated and convenient way to achieve desired illumination and reverberation levels in open space environments. HP-2 Acoustic contributes towards WELL Sound Absorption SO4 requirements.

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.

Pewter housing shown

### Great Sound Absorption

### Quality Material

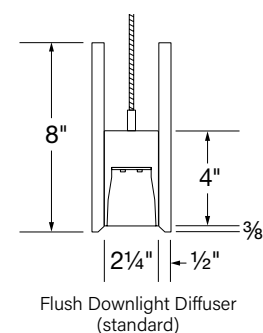
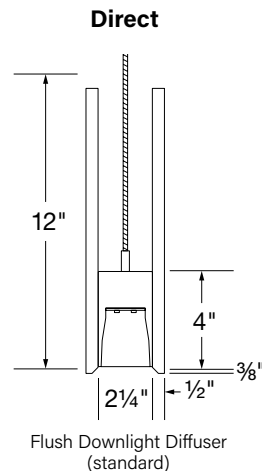
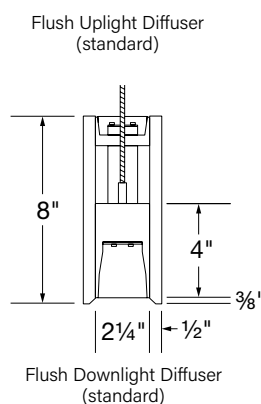
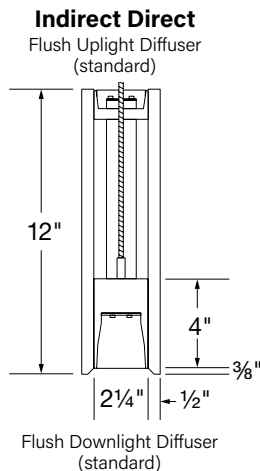


Apparent noise reduction coefficient (NRC) up to 1.20.

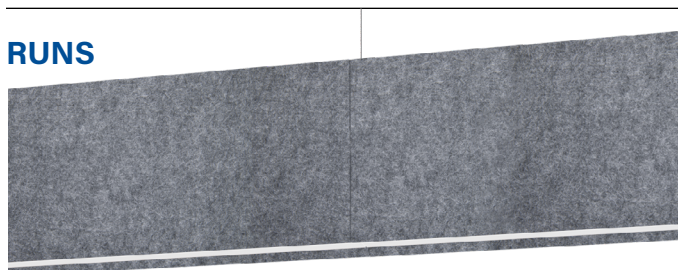


Class A fire resistant material (ASTM E-84); Moisture resistant.

### CROSS SECTIONS Standard body shown. D, I/D, 8", and 12" options also available with regressed body.

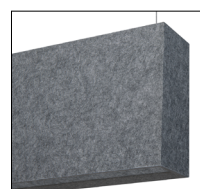


### RUNS



Now available in continuous runs and independent section lengths. See page 6 for configurations

### COMPLEMENTARY PRODUCT



#### HP-2 Acoustic Baffle Unlit

Pair with this sound-absorbing and eco-friendly unlit pendant baffle to achieve desired reverberation levels with a consistent aesthetic.

[Refer to complementary tech sheet](#)



Also available in Indigo-Clean.  
See Indigo-Clean Tech Sheet

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

Page 1

Submitted by:		Date:
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# Acoustic

## HP-2 Acoustic Baffle Lit

### BODY TYPE

### OUTPUT and LED TYPE

Platform	Series Name	Luminaire Type	Luminaire Distribution	Total Length of Run	Uplight Output ID only	Downlight Output
HP - High Performance	2	P - Pendant P RG - Pendant Regressed	D - Direct ID - Indirect Direct	_____ Multiples of 4' and 8' sections, standard	S - Standard (393 lm/ft) B - Boosted (494 lm/ft) H - High (747 lm/ft) V - Very High (961 lm/ft) TL - Tailored: _____ lm/ft *	S - Standard (322 lm/ft) B - Boosted (405 lm/ft) H - High (612 lm/ft) V - Very High (786 lm/ft) TL - Tailored: _____ lm/ft *

Lumen provide are for Flush lens only, see pg. 17 for WW lumens  
\* Specify lm/ft of outputs between Standard (S) and Very High (V). Consult factory for tailored lumen output outside of this range.

### OUTPUT and LED TYPE

### MECHANICAL/OPTICAL OPTIONS

LED CRI/ CCT	Uplight Option ID only	Downlight Option	Reflector System
830 - 80 CRI min, 3000K 835 - 80 CRI min, 3500K 840 - 80 CRI min, 4000K 930 - 90 CRI min, 3000K 935 - 90 CRI min, 3500K 940 - 90 CRI min, 4000K 8TW - 80 CRI min, Tunable White 9TW - 90 CRI min, Tunable White	F - Flush (standard) WSO - Widespread Optic ASY-L - Asymmetric Left ASY-R - Asymmetric Right	F - Flush (standard) BG - Bottom Glow DL - 1" Drop Down Lens RG-D - Flat Diffuser with 1" Regress RG-WCB - White Cross Blade Baffle <sup>1</sup> RG-LHE - Hollowed Ellipse Louver <sup>1</sup> RG-LHC - Hex Louver <sup>1</sup> DAO-L - Downlight Asymmetric Optic Left DAO-R - Downlight Asymmetric Optic Right <sup>2</sup> DSO - Downlight Spread Optic <sup>2</sup>	96 - 96 Low Gloss White

### ELECTRICAL OPTIONS

Voltage	Circuiting	Driver Selection
120 - 120 Voltage 277 - 277 Voltage 347 - 347 Voltage	SC - Single Circuit* One single circuit in a run DC - Dual Circuit* Independent control of up and down separately in an I/D style fixture MC - Multi Circuit* More than one switch leg or zone (not 'DC' independent control of up and down separately for an I/D style fixture) Factory shop drawings required  * Battery, Night Light, and Emergency to Generator circuits are in addition to the normal luminaire circuit(s)	<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>3</sup> OTI-1%- EldoLED OTi, 0-10V 1% <sup>3</sup> ELD-10V-0%- EldoLED SOLOdrive, 0-10V 0.1% 10V-TW-10%- EldoLED OTi, 0-10V 10% (Tunable White) <sup>3</sup> <b>DALI Driver Options</b> FC-DALI-1%- DALI 1% DXL-DALI-1%- EldoLED Dexal, 1% ELD-DALI-0%- EldoLED SOLOdrive, DALI 0.1% ELD-DALI-TW - EldoLED Dual Drive Light Shape, 1% (Tunable White)  <b>DMX Driver Options</b> FIN-DMX - Finelite DMX 1% (Tunable White - FineTUNE Controls Only) ELD-DMX - EldoLED POWERdrive, 0.1% ELD-DMX-TW - EldoLED POWERdrive, 0.1% (Tunable White) <b>Lutron Driver Options</b> LUT-ES1 - Lutron, Ecosystem 1% LUT-TW - Lutron T-Series, EcoSystem 1% (Tunable White)  See Page 3 for additional driver options and details

### MOUNTING OPTIONS

### OTHER OPTIONS

Mounting Method	Ceiling Hardware Type	Endcap Style	Luminaire Finish
FA50 - Fully Adjustable 50" FA100 - Fully Adjustable 100" FA150 - Fully Adjustable 150" FA200 - Fully Adjustable 200" FA250 - Fully Adjustable 250" FA300 - Fully Adjustable 300" FM - Flexible Mounting	C1 - 15/16" T-Bar C2 - 9/16" T-Bar C3 - Screw Slot C4 - Hard Ceiling C1T - 15/16" Tegular C2T - 9/16" Tegular	FE - Flat Endcap (standard) DE - 1" Drop Down Lens	SW - Signal White FB - Finelite Black SA - Satin Aluminum #### - RAL Color Code <sup>7</sup> _____

### OTHER OPTIONS

### ACOUSTIC

Emergency Style (Optional)	Integrated Sensor (Optional) <sup>8</sup>	Special Options (Optional)	Acoustic	Height	Acoustic Housing Color
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 OBD - Daylight W601 - Wattstopper Wireless <sup>9</sup> Sensor OBE - Enlighthed <sup>10</sup> CLM - Encelium Sensor RE7 - nLight Air Sensor AOCC-W - Lutron Athena Sensor (Device Color White) <sup>11</sup> AOCC-B - Lutron Athena Sensor (Device Color Black) <sup>11</sup> ARF-W - Lutron Athena RF (Device Color White) <sup>11</sup> ARF-B - Lutron Athena RF (Device Color Black) <sup>11</sup> VOCC - Lutron Vive Wireless Sensor (VDO) <sup>12</sup> VRF - Lutron Vive Radio Only <sup>12</sup>	CP - Chicago Plenum <sup>13</sup> RLA - Red List Approved RLD - Red List Declared	ABL - Acoustic Baffle Lit	8H 12H	PEW - Pewter SLA - Slate ### - Letter Code <sup>14</sup> : _____  See Page 6 for extended housing color options. Consult factory.

<sup>1</sup> Pendant Regressed only

<sup>2</sup> Not available with Pendant Regressed

<sup>3</sup> Add DTO to gain "Dim to Off" functionality (FC-10% - DTO, FC-1% - DTO)

<sup>4</sup> B & V outputs only

<sup>5</sup> Not available with ID

<sup>6</sup> 1" Drop Down Lens (DL) downlight only

<sup>7</sup> 20 business days lead time for color

<sup>8</sup> Minimum fixture length: Direct with a sensor is 3ft. Indirect/Direct with a sensor is 4ft.

<sup>9</sup> LMFS-601 w/ 0-10V driver(s) and LMFI-111, up to 6 drivers may be connected. LMFS-601 w/ Dali driver, only 1 driver can be connected.

<sup>10</sup> Enlighthed components installed by Finelite, provided by others

<sup>11</sup> 0-10V Drivers - AOCC up to 10 drivers may be connected; ARF up to 40 drivers may be connected

DALI Drivers - AOCC & ARF up to 4 drivers can be connected.

<sup>12</sup> Lutron Vive Integrated Sensors require a DALI driver

<sup>13</sup> Only available with C1, C2, and C3 mounting hardware with Finelite Gridbox

<sup>14</sup> Consult factory for extended acoustic housing color options

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

# Acoustic

## HP-2 Acoustic Baffle Lit

### 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, Tunable White (Linear)
<b>10V-TW-10%-DTO</b>	EldoLED OTi, 0-10V 10% Dimming, Dim-to-Off, Tunable White (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 1% Dimming, Tunable White (Logarithmic Dimming, Linear CCT Control)

DMX Driver Options	
<b>FIN-DMX</b>	Finelite, DMX 1% Dimming, Tunable White - FineTUNE Controls Only (Linear)
<b>ELD-DMX</b>	EldoLED POWERdrive, DMX 0.1% Dimming (8 Bit, 1CH) (Linear)
<b>ELD-DMX-16</b>	EldoLED POWERdrive, DMX 0.1% Dimming (16 Bit, 2CH) (Linear)
<b>ELD-DMX-TW</b>	EldoLED POWERdrive, DMX 0.1% Dimming, Tunable White (8 Bit, 2CH - CH1 Warm / CH2 Cool) (Linear)
<b>ELD-DMX-TW16</b>	EldoLED POWERdrive, DMX 0.1% Dimming, Tunable White (16 Bit, 4CH - CH1, 2 Warm / CH3, 4 Cool) (Linear)

Lutron Driver Options	
<b>LUT-ES1</b>	Lutron, Ecosystem 1% Dimming
<b>LUT-TW</b>	Lutron T-Series, EcoSystem 1% Dimming, Tunable White

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

# Acoustic

## HP-2 Acoustic Baffle Lit

### SPECIFICATIONS

#### BODY TYPE

**CONSTRUCTION:** Lighting luminaire body is precision-cut 6061-T6 extruded aluminum. Internal joiner system, plug-together wiring are standard. Acoustic housing is 100% Polyester fiber, joined with double-coated tape and adhesive.

**LENGTHS:** Standard section lengths of 4' and 8'. Combined runs available in multiples of 4' and 8'. For Indirect/Direct, select a minimum body length of 4' or greater when requiring dual circuiting or when uplight and downlight outputs differs. Acoustic housing walls are 1/2" thick and add 1" to total length.

#### 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. For Tailored Outputs outside of range from Standard (**S**) to Very High (**V**), consult factory. Light engines are replaceable.

#### MECHANICAL/OPTICAL OPTIONS

**UPLIGHT OPTION:** Flush frost white snap-in diffuser, 73% transmissive, 99% diffusion; Widespread Optic (**WSO**) enables increased luminaire spacing with improved ceiling uniformity. Asymmetric optic directs light in a specific direction. ASY-L distributes light to the left, ASY-R distributes light to the right of the luminaire. Consult factory for more tailored lumen outputs.

**DOWNLIGHT OPTION:** 8' maximum diffuser length. Flush (**F**) frost white snap-in diffuser, standard; 73% transmissive, 99% diffusion. Internal secondary diffusers at corners ensure visually seamless, uniform, continuous illumination. Available with Flush (**F**), Bottom Glow (**BG**), 1" Drop Down Lens (**DL**), White Cross Blade Baffle (**WCB**)<sup>1</sup>, Hollowed Ellipse Louver (**LHE**)<sup>1</sup>, Hex Louver (**LHC**)<sup>1</sup>, Downlight Asymmetric Optic (**DAO**)<sup>2</sup>, Downlight Spread Optic (**DSO**)<sup>2</sup>, and Regressed downlight diffusers (**RG**)<sup>1</sup>. 1" Drop Down Lens made of highly efficient acrylic. Available with a solid endcap or an endcap with a diffuse filler to continue the luminous aesthetic. Downlight Spread Optic and Downlight Asymmetric Optic are extruded lenses with a subtle ribbed appearance providing a batwing or asymmetric distribution for improved optical performance.

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

**REFLECTORS:** Die-formed 20-gauge cold-rolled steel reflectors finished in 96LG High Reflectance white powder coat paint.

#### ELECTRICAL OPTIONS

**STATIC WHITE FEED:** 18-gauge/5-conductor single-circuit feed, standard. 14-gauge feed used when luminaire current exceeds 5 amps.

**TUNABLE WHITE FEED:** Standard with one 18-gauge/5-conductor single-circuit feed. 14-gauge feed used when luminaire current exceeds 5 amps. DMX and power feed at same location (standard). DMX feeds cannot be cut or spliced. DMX feeds should be ordered based on fixed lengths.

<sup>1</sup> Pendant Regressed Direct only

<sup>2</sup> Not available with Regressed

**STATIC WHITE DRIVER:** Replaceable 120V, 277V, and 347V constant current reduction dimming driver standard. Can be wired dimming or non-dimming. 0-10V dimming controls with a range of 100% - 10%. Dimming to 1% available; Consult factory. Driver is fully accessible from below the ceiling.

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

#### LUTRON STATIC DRIVER OPTIONS:

- **LUTES1 (LDE1)** (Hi-lume 1% EcoSystem with Soft-On, Fade-to-Black dimming (LDE1 series))

**TUNABLE WHITE DRIVER:** Replaceable LED driver. Driver is accessible from below the ceiling. 120V, 277V, and 347V.

- **Power factor**  $\geq 0.9$
- **Total Harmonic Distortion (THD):** <20%
- **Dimming Range:** 100% - 10%
- **Expected driver lifetime:** 100,000 hours
- **FineTune DMX** is 1%

**LUTRON TUNABLE WHITE DRIVER OPTION: LUT-TW** (1% T-Series 2-Channel Digital Tunable White (PSQ Series)).

#### MOUNTING OPTIONS

**HANGING HARDWARE:** 50" Fully Adjustable (**FA**) steel-plated aircraft cable with safety stop hardware standard. Contact factory for additional lengths up to 300". The Flexible Mounting Bracket (**FM**) adjusts the suspension points to accommodate existing architecture. Suspension points adjust up to 2' in from the end of 8' luminaire and up to 1' in on a 4' luminaire.

**TUNABLE WHITE DMX HANGING HARDWARE:** For grid ceiling applications the dual GridBox™ mounting is supplied (standard). For hard ceiling applications the ceiling mounting box is supplied (standard). DMX feeds cannot be cut or spliced. DMX feeds should be ordered based on fixed lengths. Available DMX pendant feed lengths are 5' (standard), 12', and 30'.

**TUNABLE WHITE DMX INTERCONNECTION CABLES:** Luminaires are pre-wired with plug-and-play interconnection cables to support easy plug-together joining of luminaire runs. If a non-FineTune DMX system is specified, a DMX to RJ45 adapter is provided.

#### OTHER OPTIONS

**ENDCAPS:** Flat diecast aluminum endcaps add 1/4" to each end of luminaire. 1" Drop Down Lens Endcap (**DE**) includes diffuse element to continue luminance of drop lens.

Submitted by:		Date:
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# Acoustic

## HP-2 Acoustic Baffle Lit

### SPECIFICATIONS

**EMERGENCY STYLE:** 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>HP2-P-D</b>		
Min. Housing Length	8'	4' *, **
EM Lumen Output	1608	956
EM Section Illuminated	2'	2' or 4'

#### HP2-P-ID

Min. Housing Length	12'	8'
EM Lumen Output	1608	956
EM Section Illuminated	2'	2' or 4'

\* Minimum fixture housing length for battery pack approved without sensor

\*\* Exception: 5' not available, 6'+ okay

#### Bodine GTD and Legrand ALCR Min. Length

Configuration	Min Length
Generator	D-4'; ID-6'
Generator + OCC	D-6'; ID-8'
Daylight	D-4'; ID-6'
Generator + Daylight	D-6'; ID-8'

#### TUNABLE WHITE ELECTRICAL OPTIONS <sup>3</sup>:

- **TW Driver Options 0-10V:** EM/GEN, GTD, or Battery Back-up
- **FineTune DMX:** EM/GEN or Battery Back-up
- **DMX:** Battery Back-up
- **DALI:** EM/GEN, GTD, or Battery Back-up
- **LUTRON:** EM/GEN, GTD, or Battery Back-up

**INTEGRATED SENSORS:** Integrated PIR (Passive Infrared) Occupancy (**OBO**) or Daylight Sensors (**OBD**) available with Flush and Bottom Glow downlight diffusers. PIR sensors not recommended for stairwell applications. Refer to Occupancy Sensor & Daylight Sensor tech sheet and the Embedded Intelligence landing page for more information and additional sensor options. Minimum fixture length: Direct with a sensor is 3ft. Indirect/Direct with a sensor is 4ft.

**FINISHES:** Finelite Signal White (**SW**) powder coat, standard. Finelite Black (RAL 9005) with semi gloss fine texture (**FB**), Satin Aluminum (**SA**), and 179 RAL colors <sup>4</sup> 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. UL 924 and UL 2108 - PoE options available on request, contact factory for more details. These luminaires are rated for 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. Consult factory for tailored lighting options. Finelite makes the specification process easy when putting healthier products on your projects. Simply add - **RLA** (Red List Approved) or - **RDL** (Red List Declared) to your part number.

#### ACOUSTIC

**NRC:** Noise Reduction Coefficient (**NRC**) is measured at six frequencies: 125Hz, 250Hz, 500Hz, 1,000Hz, 2,000Hz, and 4,000 Hz expressed to the nearest integral multiple of 0.05. Apparent NRC up to 1.20.

**HEIGHTS:** Housing Heights of 8" and 12" available. All heights are compatible with both Direct and Direct Regressed Luminaire Type.

**COLORS:** 24 Color options available <sup>4</sup>.

#### WEIGHT <sup>5</sup>:

##### Indirect Direct

- **8"H** 3.86 lbs/ft.
- **12"H** 4.31 lbs/ft.

##### Direct

- **8"H** 2.975 lbs/ft.
- **12"H** 3.35 lbs/ft.

**WARRANTY:** 10-year performance-based warranty on all standard direct components and indirect/direct components up to High Output (**H**). 5-year performance-based warranty for indirect/direct Very High Output (**V**). Optional accessories such as emergency battery packs are covered by their individual manufacturer warranties.

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

<sup>3</sup> Consult Finelite for Generator Transfer Device and Battery Back-up fit

<sup>4</sup> Consult factory for acoustic housing color options

<sup>5</sup> Excludes Battery Back-up and Generator Transfer Device weight



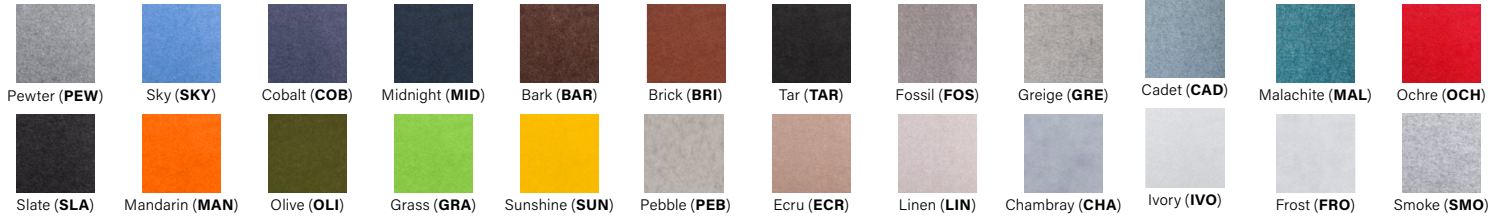
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# Acoustic

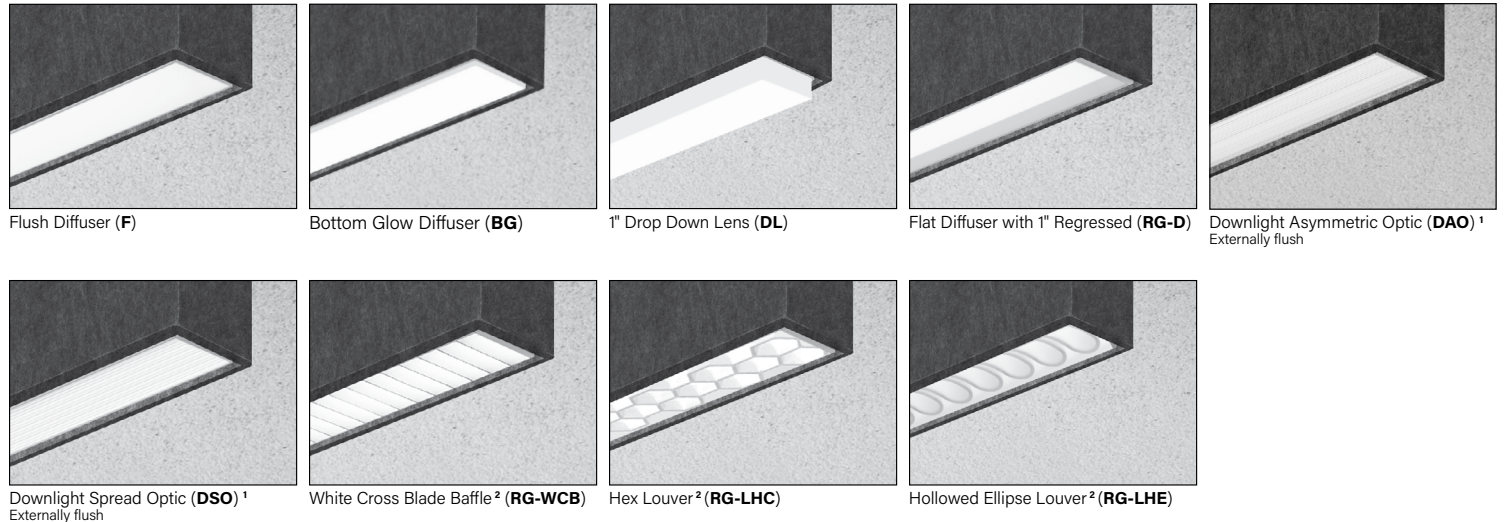
## HP-2 Acoustic Baffle Lit

### COLOR OPTIONS

Consult factory for acoustic housing color options



### AESTHETIC OPTIONS



<sup>1</sup> With a subtle ribbed appearance providing an asymmetric or batwing distribution

<sup>2</sup> Regressed only.

### STANDARD RUN CONFIGURATIONS

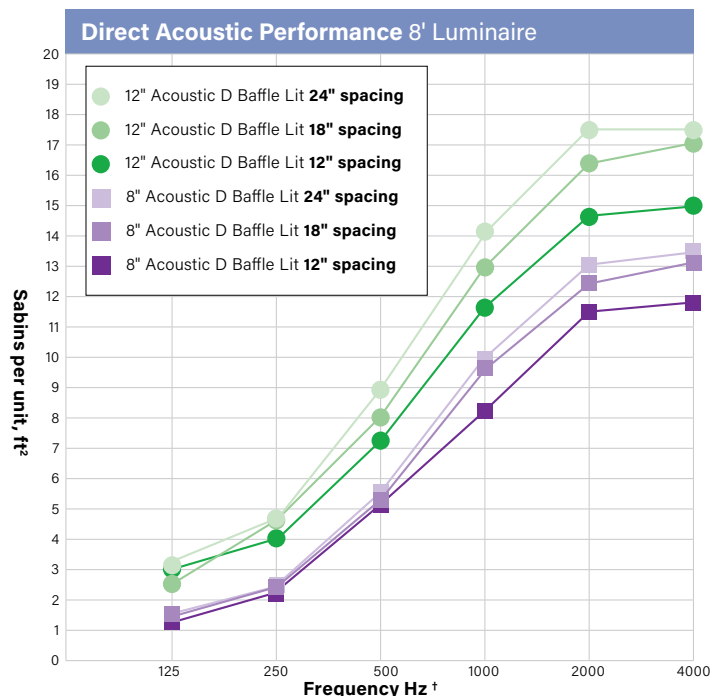
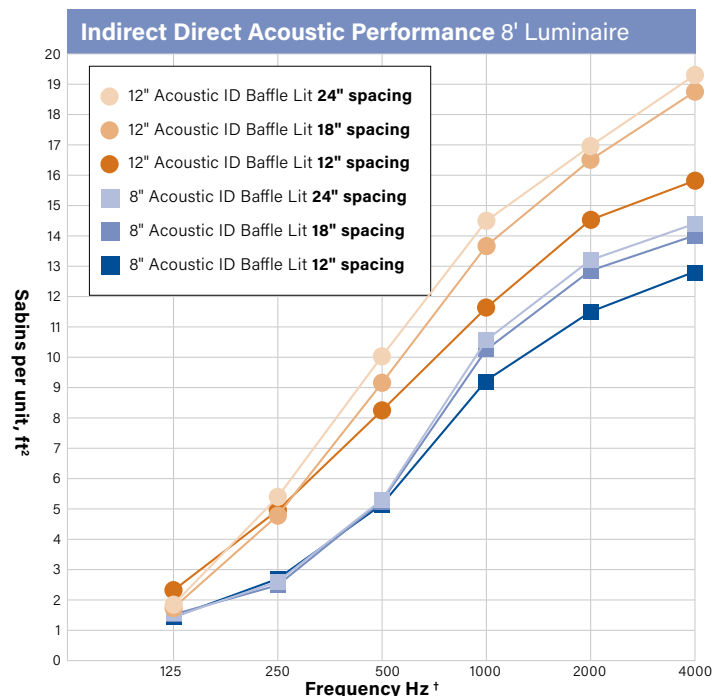
Run Length (ft)	Configuration	Hanging Points
12	8 + 4	3
16	8 + 8	3
20	8 + 8 + 4	4
24	8 + 8 + 8	4
28	8 + 8 + 8 + 4	5
32	8 + 8 + 8 + 8	5
36	8 + 8 + 8 + 8 + 4	6
40	8 + 8 + 8 + 8 + 8	6
44	8 + 8 + 8 + 8 + 8 + 4	7
48	8 + 8 + 8 + 8 + 8 + 8	7
52	8 + 8 + 8 + 8 + 8 + 8 + 4	8
56	8 + 8 + 8 + 8 + 8 + 8 + 8	8
60	8 + 8 + 8 + 8 + 8 + 8 + 8 + 4	9

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

# Acoustic

## HP-2 Acoustic Baffle Lit

### Acoustic Performance Graph Sabins by Frequency



### Acoustic Product Properties Per-Unit Sabins, Apparent NRC & SAA

Product	Spacing	Sabins (ft² of sound absorption area) per Unit						Equivalent ceiling treatment †	
		125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz	Apparent NRC	Apparent SAA
HP-2 Acoustic ID Baffle Lit 12"	Spaced 24"	1.90	5.30	10.05	14.52	17.29	19.39	0.75	0.72
	Spaced 18"	1.69	4.84	9.02	13.62	16.54	18.71	0.90	0.91
	Spaced 12"	2.28	4.95	8.22	11.64	14.52	15.73	1.20	1.21
HP-2 Acoustic ID Baffle Lit 8"	Spaced 24"	1.44	2.68	5.36	10.53	13.10	14.36	0.50	0.49
	Spaced 18"	1.62	2.62	4.93	10.21	12.76	14.03	0.65	0.63
	Spaced 12"	1.54	2.66	5.22	9.27	11.59	12.85	0.90	0.87
HP-2 Acoustic D Baffle Lit 12"	Spaced 24"	3.13	4.77	8.91	14.16	17.41	17.41	0.70	0.69
	Spaced 18"	2.54	4.65	8.04	13.09	16.37	17.07	0.85	0.87
	Spaced 12"	3.06	4.07	7.25	11.67	14.67	15.00	1.15	1.16
HP-2 Acoustic D Baffle Lit 8"	Spaced 24"	1.50	2.49	5.57	9.91	13.07	13.55	0.50	0.48
	Spaced 18"	1.47	2.38	5.35	9.68	12.40	13.15	0.60	0.61
	Spaced 12"	1.33	2.24	5.23	8.29	11.46	11.85	0.85	0.84

† 1/3 octave band test results presented and 1/1 octave band center frequencies

‡ Apparent NRC & SAA ratings were calculated from the measured total absorption in Sabins divided by the area of a projected horizontal plane that encompasses the set of objects. This provides an accurate comparison to 2-dimensional ceiling surface treatment options.

**NOTE:** Acoustic Performance Testing conducted by Riverbank Acoustical Laboratories.

Reference reports RAL-A19-505, RAL-A21-079, RAL-A21-080, RAL-A21-081, RAL-A21-086, RAL-A21-087, RAL-A21-088

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

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Type:	Project:	
Ordering Info:		

# Acoustic

## HP-2 Acoustic Baffle Lit

Indirect/Direct Photometry - 4' Luminaire 3500K

HP2-P-ID-4'-V-V-835-ASY-R-DAO-R

Uplight: Asymmetric Right Optic

Downlight: Downlight Asymmetric Optic - Right

Distribution: 53% Up (V) / 47% Down (V)

Efficacy: 112 lm/W

Uplight: 4301 lumens (1075 lumens/foot)

Downlight: 3742 lumens (936 lumens/foot)

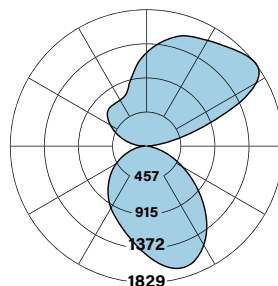
Total luminaire output: 8043 lumens (2011 lm/ft)

72 watts (18 W/ft)

Peak Candela Value: 1829 @ 127.5°

CRI: 80 / CCT: 3500K

ITL LM79 Report REP-051921-01



HP2-P-ID-V-V-835-WSO-F

Uplight: Widespread Optic / Downlight: Flush Diffuser

Distribution: 57% Up (V) / 43% Down (V)

Efficacy: 102 lm/W

Uplight: 4133 lumens (1033 lumens/foot)

Downlight: 3069 lumens (767 lumens/foot)

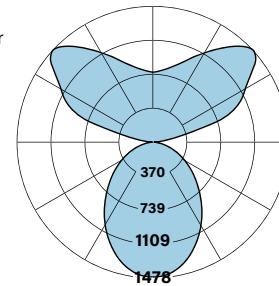
Total luminaire output: 7202 lumens (1801 lm/ft)

54.3 watts (13.6 W/ft)

Peak Candela Value: 1478 @ 135°

CRI: 80 / CCT: 3500K

ITL LM79 Report 94474



Total Light Output, 3500K, 80 CRI (Lumens) - 4' Luminaire

	↑S <sup>1</sup>	↑B <sup>1</sup>	↑H <sup>1</sup>	↑V <sup>2</sup>
↓S <sup>1</sup>	3292 [153%   47%↓]	3745 [159%   41%↓]	4877 [169%   31%↓]	5833 [174%   26%↓]
↓B <sup>1</sup>	3686 [148%   52%↓]	4139 [153%   47%↓]	5271 [163%   36%↓]	6227 [169%   31%↓]
↓H <sup>1</sup>	4671 [138%   62%↓]	5124 [143%   57%↓]	6256 [154%   46%↓]	7211 [160%   40%↓]
↓V <sup>2</sup>	5503 [132%   68%↓]	5955 [137%   63%↓]	7087 [147%   53%↓]	8043 [153%   47%↓]

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

	↑S <sup>1</sup>	↑B <sup>1</sup>	↑H <sup>1</sup>	↑V <sup>2</sup>
↓S <sup>1</sup>	823	936	1219	1458
↓B <sup>1</sup>	922	1035	1318	1557
↓H <sup>1</sup>	1168	1281	1564	1803
↓V <sup>2</sup>	1376	1489	1772	2011

Power, 3500K (Watts Per Foot)

	↑S <sup>1</sup>	↑B <sup>1</sup>	↑H <sup>1</sup>	↑V <sup>2</sup>
↓S <sup>1</sup>	7.0	8.0	10.4	12.5
↓B <sup>1</sup>	8.0	9.0	11.4	13.5
↓H <sup>1</sup>	10.4	11.4	13.8	15.9
↓V <sup>2</sup>	12.5	13.5	15.9	18.0

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

	↑S <sup>1</sup>	↑B <sup>1</sup>	↑H <sup>1</sup>	↑V <sup>2</sup>
↓S <sup>1</sup>	117	117	117	116
↓B <sup>1</sup>	115	116	116	116
↓H <sup>1</sup>	112	113	113	113
↓V <sup>2</sup>	110	111	111	112

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: 89456, 94139

Total Light Output, 3500K, 80 CRI (Lumens) - 4' Luminaire

	↑S <sup>1</sup>	↑B <sup>1</sup>	↑H <sup>1</sup>	↑V <sup>2</sup>
↓S <sup>1</sup>	2948 (157%   43%↓)	3383 (163%   37%↓)	4471 (172%   28%↓)	5389 (177%   23%↓)
↓B <sup>1</sup>	3271 (152%   48%↓)	3706 (157%   43%↓)	4794 (167%   23%↓)	5712 (172%   28%↓)
↓H <sup>1</sup>	4079 (142%   58%↓)	4514 (147%   53%↓)	4794 (157%   43%↓)	6520 (163%   37%↓)
↓V <sup>2</sup>	4761 (133%   67%↓)	5196 (138%   62%↓)	6284 (151%   49%↓)	7202 (157%   43%↓)

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

	↑S <sup>1</sup>	↑B <sup>1</sup>	↑H <sup>1</sup>	↑V <sup>2</sup>
↓S <sup>1</sup>	737	846	1118	1347
↓B <sup>1</sup>	818	927	1198	1428
↓H <sup>1</sup>	1020	1128	1400	1630
↓V <sup>2</sup>	1190	1299	1571	1801

Power, 3500K (Watts Per Foot)

	↑S <sup>1</sup>	↑B <sup>1</sup>	↑H <sup>1</sup>	↑V <sup>2</sup>
↓S <sup>1</sup>	6.9	7.9	10.3	12.3
↓B <sup>1</sup>	7.9	8.8	11.2	13.3
↓H <sup>1</sup>	10.3	11.2	13.6	15.6
↓V <sup>2</sup>	12.3	13.3	15.6	17.7

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

	↑S <sup>1</sup>	↑B <sup>1</sup>	↑H <sup>1</sup>	↑V <sup>2</sup>
↓S <sup>1</sup>	106	108	109	109
↓B <sup>1</sup>	104	105	107	108
↓H <sup>1</sup>	99	101	103	104
↓V <sup>2</sup>	97	98	100	102

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 report: 94474

Wattage is Real Power. If you would like additional details to calculate Apparent Power, please contact your local Finelite representative.

Sample Lumen Adjustment Calculation

Lumen Adjustment Factors 80 CRI	
3000K	0.985
3500K	1.000
4000K	1.032

Lumen Adjustment Factors 90 CRI	
3000K	0.746
3500K	0.760
4000K	0.789

High Output (H) / Standard Output (S), 4000K, 90 CRI  
Lumen Adjustment Factor: 0.789

Total Light Output: 4877 lm x 0.789 = 3848 lm

Total Light Output per Foot: 1219 lm/ft x 0.789 = 962 lm/ft.  
watts/foot: 10.4 W/ft.

$$\text{Efficacy} = \frac{962 \frac{\text{lm}}{\text{ft.}}}{10.4 \frac{\text{W}}{\text{ft.}}} = 92 \text{ lm/W}$$

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



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

# Acoustic

## HP-2 Acoustic Baffle Lit

### Direct Photometry 4' Luminaire 3500k

#### HP2-P-D-V-835-F

**Downlight:** Flush Diffuser

**Efficacy:** 87 lm/W

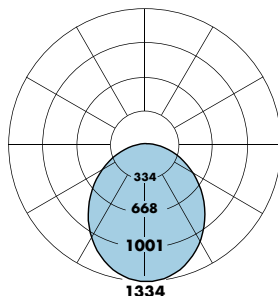
**Total luminaire output:** 3215 lumens (804 lm/ft)

36.9 watts (9.2 W/ft)

**Peak Candela Value:** 1334 @ 0°

CRI: 80 / CCT: 3500K

ITL LM79 Report 85136



#### HP2-P RG-D-V-835-F

**Downlight:** Regressed Diffuser

**Efficacy:** 79 lm/W

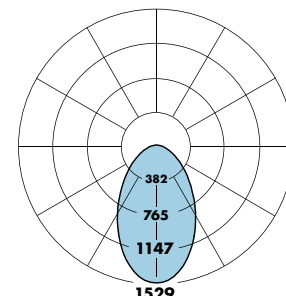
**Total luminaire output:** 2887 lumens (722 lm/ft)

36.7 watts (9.2 W/ft)

**Peak Candela Value:** 1529 @ 0°

CRI: 80 / CCT: 3500K

ITL LM79 Report 90350



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

S <sup>1</sup>	B <sup>1</sup>	H <sup>1</sup>	V <sup>2</sup>
1316	1655	2501	3215

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

S <sup>1</sup>	B <sup>1</sup>	H <sup>1</sup>	V <sup>2</sup>
329	414	625	804

#### Power, 3500K (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	9.2

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

S <sup>1</sup>	B <sup>1</sup>	H <sup>1</sup>	V <sup>2</sup>
91	90	88	87

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

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

<sup>2</sup> Based on ITL report: 85136

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

S <sup>1</sup>	B <sup>1</sup>	H <sup>1</sup>	V <sup>2</sup>
1182	1486	2245	2887

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

S <sup>1</sup>	B <sup>1</sup>	H <sup>1</sup>	V <sup>2</sup>
295	371	561	722

#### Power, 3500K (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>
82	81	80	79

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

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

<sup>2</sup> Based on ITL report: 90350

Wattage is Real Power. If you would like additional details to calculate Apparent Power, please contact your local Finelite representative.

#### Sample Lumen Adjustment Calculation

Lumen Adjustment Factors 80 CRI	
3000K	0.985
3500K	1.000
4000K	1.032

Lumen Adjustment Factors 90 CRI	
3000K	0.746
3500K	0.760
4000K	0.789

High Output (H) / Standard Output (S), 4000K, 90 CRI  
**Lumen Adjustment Factor:** 0.789

**Total Light Output:** 2501 lm x 0.789 = 1973 lm

**Total Light Output per Foot:** 625 lm/ft x 0.789 = 493 lm/ft.

**watts/foot:** 71 W/ft.

$$\text{Efficacy} = \frac{493 \frac{\text{lm}}{\text{ft.}}}{71 \frac{\text{W}}{\text{ft.}}} = 69 \text{ lm/W}$$

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

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

# 0-10V Tunable White

Finelite's award-winning, contractor friendly Tunable White luminaires are available at low cost, with powerful and simple 0-10V tuning and intensity controls.

## TUNABLE WHITE FEATURES

- CCT range: 2700K - 6500K
- Dimming Range: 100% to 10%
- CRI Options: 80 CRI or 90 CRI

## PHOTOMETRY

Apply a power adjustment factor to calculate wattage usage

POWER	CONVERSION FACTOR
	<b>1.1X</b>

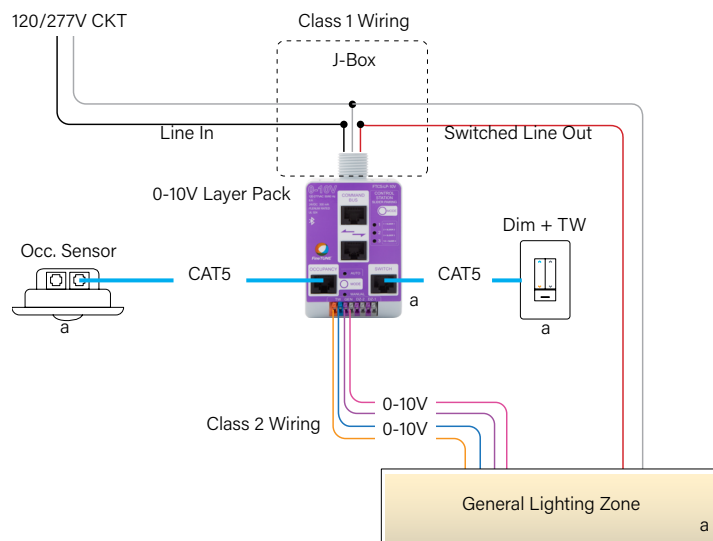
(Example: a 50 watt luminaire in static white would draw 55 watts using 0-10V Tunable White)

## LUMINAIRE FAMILY MODIFICATIONS/RESTRICTIONS

Direct	Section Lengths						
	2'	3'	4'	5'	6'	7'	8'
Output S,B,H,V Single Circuit	Rows can be comprised of 4' or 8' sections.						
Integral Battery Backup (BSL310LP)							✓

EN/GEN sections available for all body lengths

## WIRING DIAGRAM - DIMMABLE TO 10%



### Luminaire Wiring

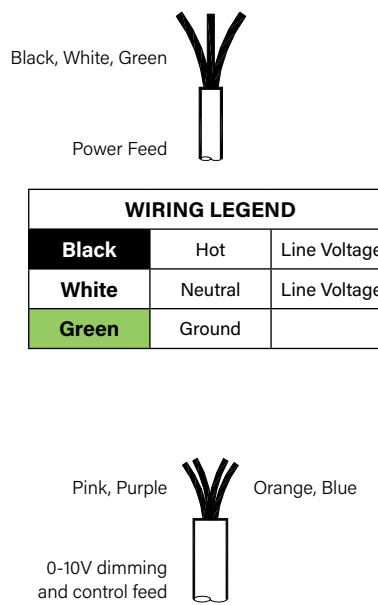
- **Purple (+) / Pink (-)** control wires are for intensity control
- **Orange (+) / Blue (-)** control wires are for Tunable White control

### Note:

Load or Dim to Off options available.



## DUAL FEED DETAIL



WIRING LEGEND		
<b>Black</b>	Hot	Line Voltage
<b>White</b>	Neutral	Line Voltage
<b>Green</b>	Ground	

WIRING LEGEND		
<b>Pink</b>	Dimming	0-10V DC
<b>Purple</b>	Dimming	0-10V DC
<b>Orange</b>	TW	0-10V DC
<b>Blue</b>	TW	0-10V DC