

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

Acoustic

HP-2 Acoustic Baffle Unlit



The HP-2 Acoustic Baffle Unlit is an elegant and affordable approach to improve the sound quality of open space environments. This unlit sound-absorbing pendant is a companion piece to the HP-2 Acoustic Baffle Lit luminaire. HP-2 Acoustic contributes towards WELL Sound Absorption SO4 requirements.

Pewter housing shown
Pewter or Slate are standard housing color options.

Great Sound Absorption



Apparent noise reduction coefficient (NRC) up to 1.25.

Quality Material



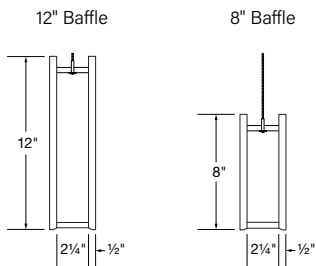
Class A fire resistant material (ASTM E-84);
Moisture resistant.

COLOR OPTIONS

Standard **Extended** Consult factory for extended acoustic housing color options



CROSS SECTIONS

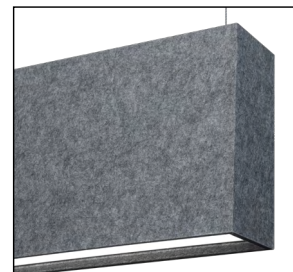


RUNS

Now available in continuous runs and independent section lengths. See page 2 for configurations.



COMPLEMENTARY PRODUCT



HP-2 Acoustic Direct & HP-2 Acoustic Indirect Direct
Pair with this high-performing and sound-absorbing LED pendant luminaire to achieve desired illumination and reverberation levels with a consistent aesthetic.

[Refer to complementary tech sheet](#)



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Ordering Guide Example: HP - 2 - P - ABU - 36' - FA50 - C1 - 8H - PEW

BODY					MOUNTING OPTIONS			OTHER OPTIONS	
Platform	Series Name	Luminaire Type	Acoustic	Length	Mounting Method	Ceiling Type	Height	Colors	
HP - High Performance	2	P - Pendant	ABU - Acoustic Baffle Unlit	Multiples of 4' and 8' sections, standard	FA50 - Fully Adjustable 50" FA100 - Fully Adjustable 100" FA150 - Fully Adjustable 150" FA200 - Fully Adjustable 200" FA250 - Fully Adjustable 250" FA300 - Fully Adjustable 300"	C1 - 15/16" T-Bar C2 - 9/16" T-Bar C3 - Screw Slot C4 - Hard Ceiling C1T - 15/16" Tegular C2T - 9/16" Tegular	8H 12H	PEW - Pewter (standard) SLA - Slate (standard) ### - Letter Code: See Page 1 for Extended Colors. Consult Factory.	

SPECIFICATIONS

BODY TYPE

CONSTRUCTION: 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'. Acoustic housing walls are 1/2" thick and add 1" to total length.

MOUNTING TYPE

HANGING HARDWARE: 50" Fully Adjustable (FA) plated steel aircraft cable with safety stop hardware standard. Contact factory for additional lengths up to 150".

ACOUSTIC

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

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 1.25.

COLORS: Pewter (PEW) and Slate (SLA), standard. 22 Extended color options available ¹.

LABELS: Finelite makes the specification process easy when putting healthier products on your projects.

WEIGHT

- 8"H 0.70 lbs/ft.
- 12"H 1.1 lbs/ft.

WARRANTY: 10-year performance-based warranty on all standard components.

¹ Consult factory for extended acoustic housing color options

STANDARD RUN CONFIGURATIONS

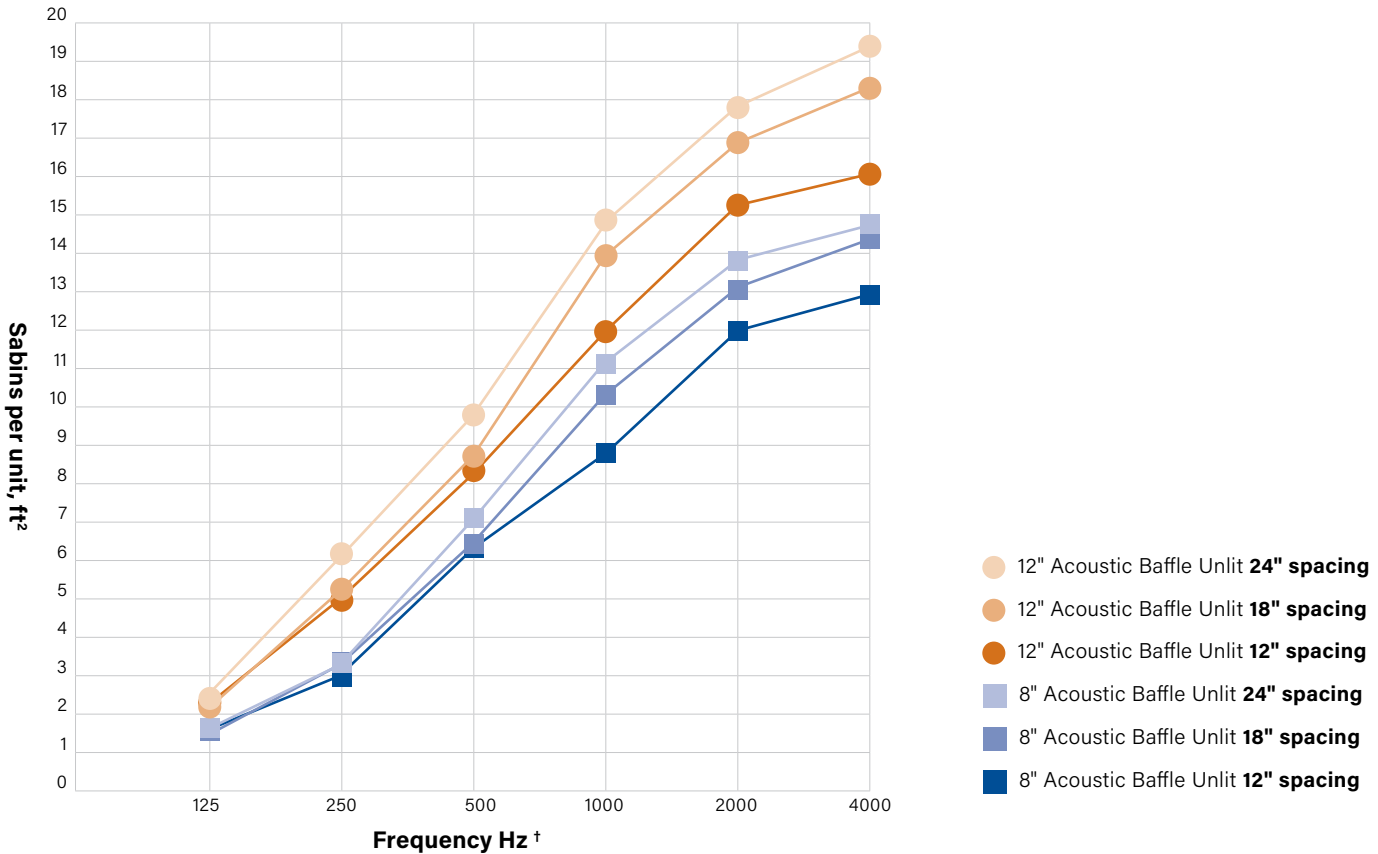
Run Length (ft)	Configuration	Hanging Points
12	8 + 4	3
16	8 + 8	3
20	8 + 8 + 4	4
24	8 + 8 + 8	4
28	8 + 8 + 8 + 4	5
32	8 + 8 + 8 + 8	5
36	8 + 8 + 8 + 8 + 4	6
40	8 + 8 + 8 + 8 + 8	6
44	8 + 8 + 8 + 8 + 8 + 4	7
48	8 + 8 + 8 + 8 + 8 + 8	7
52	8 + 8 + 8 + 8 + 8 + 8 + 4	8
56	8 + 8 + 8 + 8 + 8 + 8 + 8	8
60	8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

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Acoustic Performance Graph Sabins by Frequency



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

Product	Spacing	Sabins (ft ² of sound absorption area) per Unit						Equivalent ceiling treatment †	
		125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz	Apparent NRC	Apparent SAA
HP-2 Acoustic Baffle Unlit 12"	Spaced 24"	2.41	6.14	9.68	14.90	17.81	19.43	0.75	0.74
	Spaced 18"	2.13	5.22	8.77	13.94	16.96	18.17	0.90	0.93
	Spaced 12"	2.13	4.94	8.30	11.94	15.28	16.06	1.25	1.25
HP-2 Acoustic Baffle Unlit 8"	Spaced 24"	1.72	3.21	7.09	11.07	13.85	14.82	0.55	0.54
	Spaced 18"	1.47	3.45	6.55	10.25	13.09	14.35	0.60	0.61
	Spaced 12"	1.61	2.97	6.24	8.81	11.94	12.90	0.90	0.92

† 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 report RAL-A19-505