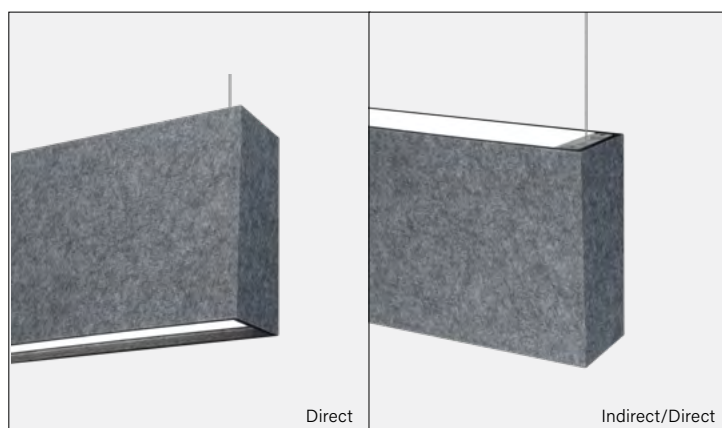


Submitted by:		Date:
Type:	Project:	
Ordering Info:		

Acoustic HP-2 Acoustic Baffle Lit



Pewter housing shown



Indigo-Clean Technology is a Continuous Environmental Disinfection System that emits a narrow spectrum light that kills bacteria, Influenza-A1, and SARS-CoV-2 – the virus that causes COVID-19¹ – and is proven effective by recently conducted independent lab testing. Unlike UV disinfection, Indigo-Clean Technology is designed to safely and continuously disinfect a space while it is fully occupied. This product contributes towards WELL Sound Absorption SO4 requirements.

Single-Mode Indigo-Clean Technology utilizes a combination of blended white LEDs and 405nm LEDs on a single circuit board design. When the luminaires are on, the disinfection is active.

Dual-Mode Indigo-Clean Technology utilizes a mid-power of blended white LEDs and 405nm LEDs on a two circuit board design and full 405nm indigo light using automated controls to disinfect the space. When the space is unoccupied, it utilizes just the 405nm LEDs with increased output to increase disinfection efficacy.

These products are 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.

Great Sound Absorption

1.20
NRC

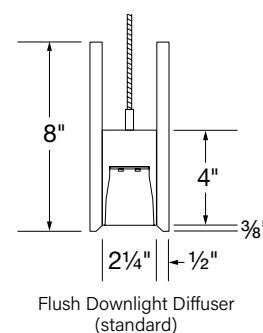
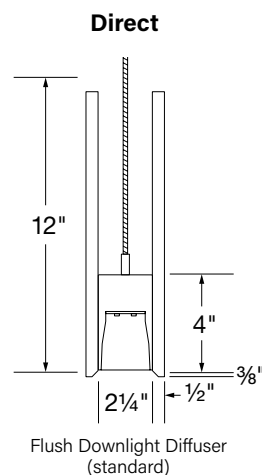
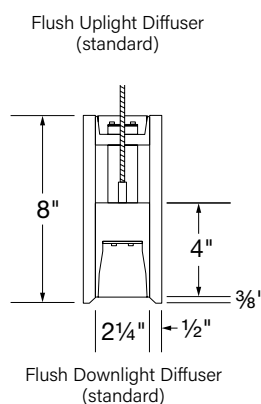
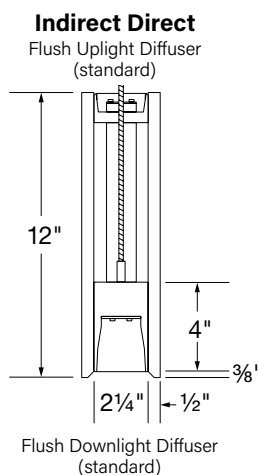
Apparent noise reduction coefficient (NRC) up to 1.20.

Quality Material

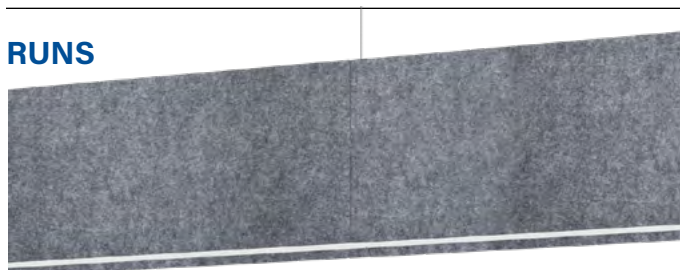
A
ASTM

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](#)



Indigo-Clean is a registered trademark of
Kenall Manufacturing Co., a Legrand Company

¹ [Indigo-Clean Research Reports](#)

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

Page 1

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

Acoustic HP-2 Acoustic Baffle Lit

Ordering Guide Example: HP - 2 - P - ID - 36' - H - H - 837 - F - BG - 96LG - 120 - DC - FC-10% - FA50 - C1 - FE - SW - LGD18W - OBO - CP - ABL - 8H - PEW

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	D - Direct	_____	H - High (725 lm/ft)	H - High (593 lm/ft)	
		P RG - Pendant Regressed	ID - Indirect Direct		V - Very High (932 lm/ft)	V - Very High (763 lm/ft)	
				Multiples of 4' and 8' sections, standard	TL - Tailored: _____lm/ft *	TL - Tailored: _____lm/ft *	
					* 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
832-SMIC - 80 CRI, 3200K Single Mode Indigo-Clean	F - Flush (standard)	F - Flush (standard)	96LG - 96 Low Gloss White
837-SMIC - 80 CRI, 3700K Single Mode Indigo-Clean	WSO - Widespread Optic	BG - Bottom Glow	
843-SMIC - 80 CRI, 4300K Single Mode Indigo-Clean	ASY-L - Asymmetric Left	DL - 1" Drop Down Lens	
832-DMIC - 80 CRI, 3200K Dual Mode Indigo-Clean	ASY-R - Asymmetric Right	RG-D - Flat Diffuser with 1" Regress	
837-DMIC - 80 CRI, 3700K Dual Mode Indigo-Clean		RG-WCB - White Cross Blade Baffle ¹	
843-DMIC - 80 CRI, 4300K Dual Mode Indigo-Clean		RG-LHE - Hollowed Ellipse Louver ¹	
		RG-LHC - Hex Louver ¹	
		DAO-L - Downlight Asymmetric Optic Left	
		DAO-R - Downlight Asymmetric Optic Right ²	
		DSO - Downlight Spread Optic ²	

ELECTRICAL OPTIONS			
Voltage	Circuiting	Driver Selection	
120 - 120 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)	0-10V Driver Options	
277 - 277 Voltage		FC-10% - 0-10V 10% (standard)	
347 - 347 Voltage (OTi only)		FC-1% - 0-10V 1%	
		OTi-10% - EldoLED OTi, 0-10V 10%	
		OTi-1% - EldoLED OTi, 0-10V 1% ³	
		ELD-10V - EldoLED SOLOdrive, 0-10V 0.1%	
		DALI Driver Options	
		FC-DALI - DALI 1%	
		DXL-DALI - EldoLED Dexal, 1%	
		ELD-DALI - EldoLED SOLOdrive, DALI 0.1%	
		DMX Driver Options	
		ELD-DMX - EldoLED POWERdrive, 0.1%	
		Lutron Driver Options	
		LUT-ES1 - Lutron, Ecosystem 1%	
See Page 3 for additional driver options and details			

OTHER OPTIONS				
Mounting Method	Ceiling Hardware Type	Endcap Style	Luminaire Finish	Emergency Style (Optional) <small>See page 5 Backup Battery table</small>
FA50 - Fully Adjustable 50"	C1 - 15/16" T-Bar	FE - Flat Endcap (standard)	SW - Signal White	LGD18W - Legrand 18W Brand Battery Back-up
FA100 - Fully Adjustable 100"	C2 - 9/16" T-Bar	DE - 1" Drop Down Lens	FB - Finelite Black	LGD10W - Legrand 10W Brand Battery Back-up
FA150 - Fully Adjustable 150"	C3 - Screw Slot		SA - Satin Aluminum	EM/GEN - Emergency to Generator
FA200 - Fully Adjustable 200"	C4 - Hard Ceiling		#### - RAL Color Code ⁶	NL - Night Light
FA250 - Fully Adjustable 250"	C1T - 15/16" Tegular			BSL310LP - Bodine Battery Back up Low Profile
FA300 - Fully Adjustable 300"	C2T - 9/16" T-Bar			BSL10T3 - Bodine Battery Back up Low Profile Compact
FM - Flexible Mounting	C3T - Screw Slot T-Bar			GTD - Generator Transfer Device
				ALCR - Automatic Load Control Relay

OTHER OPTIONS		ACOUSTIC		
Integrated Sensor (Optional) ⁶	Special Options (Optional)	Acoustic	Height	Acoustic Housing Color
OBO - Occupancy	CP - Chicago Plenum ¹¹	ABL - Acoustic Baffle Lit	8H	PEW - Pewter
OBD - Daylight	RLA - Red List Approved		12H	SLA - Slate
W601 - Wattstopper ⁷ Wireless Sensor	RLD - Red List Declared			### - Letter Code ¹² :
OBE - Enligned ⁸				
CLM-99 - Encelium RF				
SLM-99 - Encelium Sensor				
Integrated Sensor not available for Dual-Mode				
				See Page 6 for extended housing color options. Consult factory.

¹ Pendant Regressed only

² Not available with Pendant Regressed

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

⁴ Not available with Dual-Mode.

⁵ Not available with ID

⁶ 1" Drop Down Lens (DL) downlight only

⁷ Minimum fixture length: Direct with a sensor is 3ft.

⁸ Indirect/Direct with a sensor is 4ft.

⁹ 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.

¹⁰ Enligned components installed by Finelite, provided by others

¹¹ 0-10V Drivers - **AOCC** up to 10 drivers may be connected; **ARF** up to 40 drivers may be connected

¹² DALI Drivers - **AOCC & ARF** up to 4 drivers can be connected.

¹³ Lutron Vive Ingrated Sensors require a DALI driver

¹⁴ Only available with C1, C2, and C3 mounting hardware with Finelite Gridbox

¹⁵ Consult factory for extended acoustic housing color options

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

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

Acoustic HP-2 Acoustic Baffle Lit

SUPPLEMENTARY DRIVER PAGE

0-10V Driver Options

FC-10%	Factory Choice, 0-10V 10% Dimming (Linear)
FC-10%-DTO	Factory Choice, 0-10V 10% Dimming, Dim-to-Off (Linear)
FC-1%	Factory Choice, 0-10V 1% Dimming (Linear)
FC-1%-DTO	Factory Choice, 0-10V 1% Dimming, Dim-to-Off (Linear)
ELD-10V-0%	EldoLED SOLOdrive, 0-10V 0.1% Dimming (Linear)
ELD-10V-1%	EldoLED ECOdrive, 0-10V 1% Dimming (Linear)
OTi-10%	EldoLED OTi, 0-10V 10% Dimming (Linear)
OTi-10%-DTO	EldoLED OTi, 0-10V 10% Dimming, Dim-to-Off (Linear)
OTi-1%	EldoLED OTi, 0-10V 1% Dimming (Linear)
OTi-1%-DTO	EldoLED OTi, 0-10V 1% Dimming, Dim-to-Off (Linear)

DALI Driver Options

FC-DALI-1%	Factory Choice, DALI 1% Dimming (Logarithmic)
DXL-DALI-1%	EldoLED Dexal, DALI 1% Dimming (Logarithmic)
ELD-DALI-0%	EldoLED SOLOdrive, DALI 0.1% Dimming (Logarithmic)
ELD-DALI-1%	EldoLED ECOdrive, DALI 1% Dimming (Logarithmic)

DMX Driver Options

ELD-DMX	EldoLED POWERdrive, DMX 0.1% Dimming (8 Bit, 1CH) (Linear)
ELD-DMX-16	EldoLED POWERdrive, DMX 0.1% Dimming (16 Bit, 2CH) (Linear)

Lutron Driver Options

LUT-ES1	Lutron, Ecosystem 1% Dimming
----------------	------------------------------

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

Acoustic HP-2 Acoustic Baffle Lit

SPECIFICATIONS

BODY TYPE

CONSTRUCTION: Lighting luminaire body is precision-cut 6063-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: Two lumen packages available 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.

INDIGO-CLEAN TECHNOLOGY: Indigo-Clean Technology utilizes a combination of blended white LEDs, and safe 405nm LEDs to continually disinfect a space and kill bacteria, Influenza-A³, and SARS-CoV-2 – the virus that causes COVID-19³. Unlike UV disinfection, Indigo-Clean Technology is designed to safely and continuously disinfect a space while it is fully occupied. When the Indigo-Clean Technology light is on, disinfection is active. For optimum performance, continuously provide an average of 50-60 footcandles on the work plane and high touch surfaces (24/7).

Single-Mode Indigo-Clean Technology: Continuous environmental disinfection system that uses a blended white LEDs and 405nm Indigo-Clean LEDs. The narrow spectrum light provides a safe visible light that disinfects the space. When the light is on, disinfection is active.

Dual-Mode Indigo-Clean Technology: Utilizes a two circuit board design. When the space is occupied it utilizes a combination of blended white LEDs and 405nm LEDs. When the space is unoccupied, it utilizes just the 405nm LEDs with increased output to increase disinfection efficacy.

Dual-Mode Indigo-Clean Technology Controller: It is a low-voltage internal device that determines the operational mode based on the input received from the external automated controls. An Off manual push will not turn the lights off, but rather turn the lights to Blue Mode. Please refer to Dual-Mode Application Guide for wiring diagram. Dim to Off not available.

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)¹, Hollowed Ellipse Louver (LHE)², Hex Louver (LHC)², Downlight Asymmetric Optic (DAO)², Downlight Spread Optic (DSO)³, and Regressed downlight diffusers (RG)², 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 Asymmetric Optic and Downlight Spread Optic are extruded lenses with a subtle ribbed appearance providing an asymmetric or batwing distribution for improved optical performance.

LUMEN MAINTENANCE: White LEDs: 90% of initial light output (L90) at 100,000+ hours; 70% of initial light output (L70) at 200,000+ hours. 405nm LEDs: 70% of initial output at L70 @ 60,000 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.

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:** ≥ 0.9
- **Total Harmonic Distortion (THD):** <20%
- **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).

MOUNTING OPTIONS

HANGING HARDWARE: 50" Fully Adjustable (FA) plated steel 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.

¹ Pendant Regressed Direct only

² Not available with Regressed

³ Indigo-Clean Research Reports

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

Acoustic HP-2 Acoustic Baffle Lit

SPECIFICATIONS

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.

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
HP2-P-D		
Min. Housing Length	8'	4'*, **
EM Lumen Output	1560	929
EM Section Illuminated	2'	2' or 4'
HP2-P-ID		
Min. Housing Length	12'	8'
EM Lumen Output	1560	929
EM Section Illuminated	2'	2' or 4'

Based on 3700K and 80-CRI.

* Minimum fixture housing length for battery pack approved without sensor

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

The lumens are based on 835. For other CCT/CRI, refer to the Lumen Adjustment Factor table on page 8.

Bodine GTD and Legrand ALCR Min. Length	
Configuration	Min Length
Generator	D-4'; ID-6'
Generator + OCC	D-6'; ID-8'
Day	D-4'; ID-6'
Generator + Day	D-6'; ID-8'

INTEGRATED SENSORS: Integrated PIR (Passive Infrared) occupancy or daylight sensors available with Flush and Bottom Glow downlight diffusers. Refer to Occupancy Sensor and Daylight Sensor tech sheets for more info. Integrated Sensor not available for Dual-Mode. Minimum fixture length: Direct with a sensor is 3ft. Indirect/Direct with a sensor is 4ft.

PATENT: Indigo-Clean products and technology covered by U.S. Patent No.US 9,039,966 and US 8,398,264. Product may also be covered by patents found at www.kenall.com/patents.

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 ⁴ 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. EPA Est.No. 99530-CA-1, -2, -3. 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 – **RLD** (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 ³.

WEIGHT ⁴:

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

³ Consult factory for acoustic housing color options

⁴ Excludes Battery Back-up and Generator Transfer Device weight

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

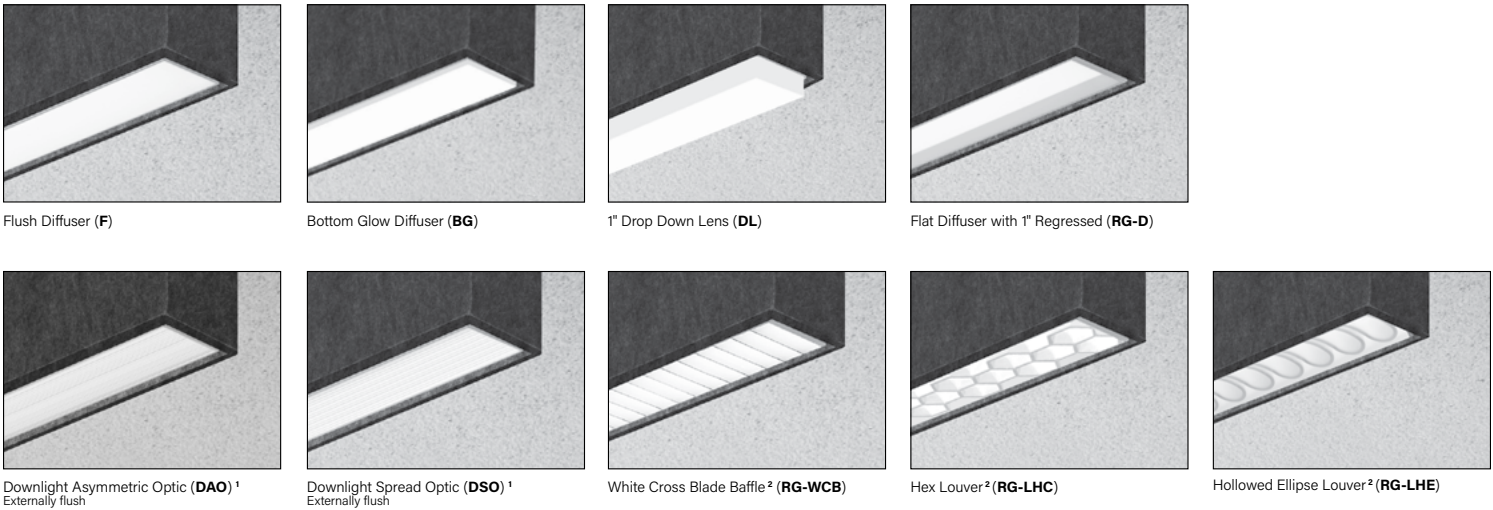
Acoustic HP-2 Acoustic Baffle Lit

COLOR OPTIONS

Consult factory for acoustic housing color options



AESTHETIC OPTIONS



STANDARD RUN CONFIGURATIONS

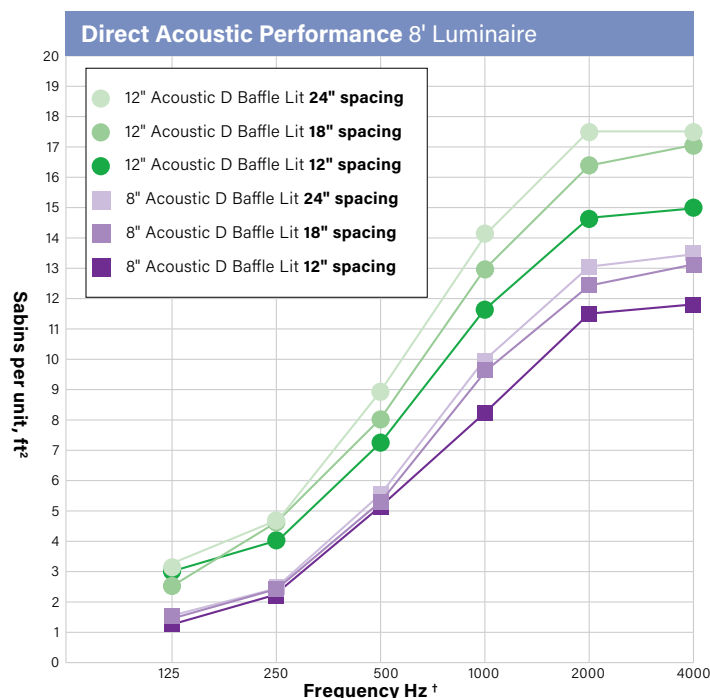
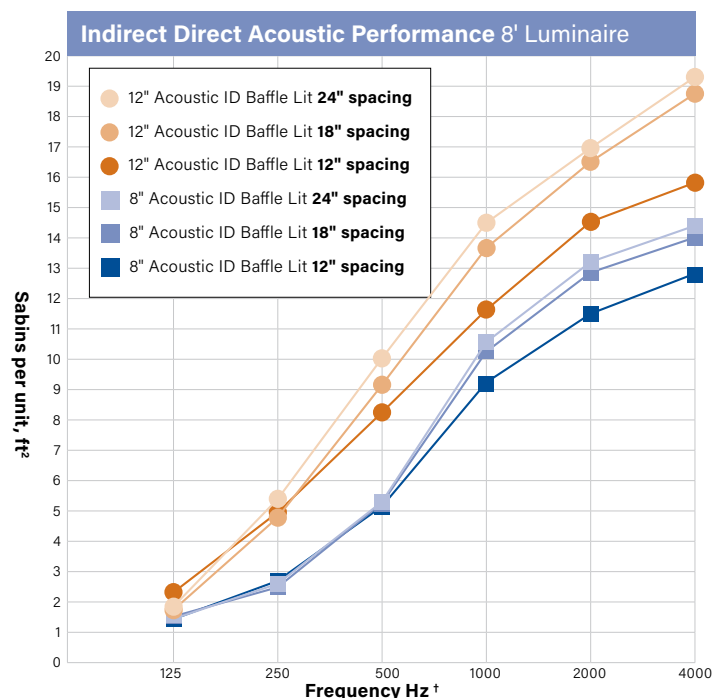
Run Length (ft)	Configuration	Hanging Points
12	8 + 4	3
16	8 + 8	3
20	8 + 8 + 4	4
24	8 + 8 + 8	4
28	8 + 8 + 8 + 4	5
32	8 + 8 + 8 + 8	5
36	8 + 8 + 8 + 8 + 4	6
40	8 + 8 + 8 + 8 + 8	6
44	8 + 8 + 8 + 8 + 8 + 4	7
48	8 + 8 + 8 + 8 + 8 + 8	7
52	8 + 8 + 8 + 8 + 8 + 8 + 4	8
56	8 + 8 + 8 + 8 + 8 + 8 + 8	8
60	8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

¹ With a subtle ribbed appearance providing an asymmetric or batwing distribution
² Regressed only.

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

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

Acoustic HP-2 Acoustic Baffle Lit

Indirect/Direct Photometry - 4' Luminaire 3500K

HP-2-P-ID-4'-V-V-837-SMIC-WSO-DSO

Uplight: Widespread Optic

Downlight: Downlight Spread Optic

Distribution: 55% Up (V) / 45% Down (V)

Efficacy: 98 lm/W

Uplight: 3897 lumens (974 lumens/foot)

Downlight: 3175 lumens (794 lumens/foot)

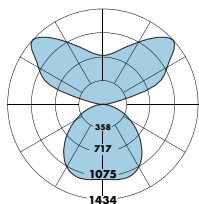
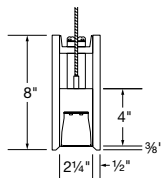
Total luminaire output: 7072 lumens (1768 lm/ft)

72 watts (18 W/ft)

Peak Candela Value: 1434 @ 135°

CRI: 80 / CCT: 3700K

ITL LM79 Report 89456 and 94139 (Family Correlated)



CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0	FLUX
0	1131	1131	1131	1131	1131	
5	1123	1124	1129	1134	1136	108
15	1060	1170	1116	1151	1161	314
25	942	972	1063	1121	1135	483
35	790	840	954	1005	1011	577
45	625	682	790	817	811	579
55	461	509	590	598	590	497
65	305	338	386	385	375	359
75	166	179	202	197	191	201
85	49	50	51	49	47	57
90	0	0	0	0	0	
95	46	81	81	67	66	89
105	178	250	516	539	444	421
115	314	397	698	963	1017	673
125	446	526	860	1219	1260	769
135	541	615	880	1260	1413	719
145	614	672	858	1093	1199	555
155	673	706	818	934	982	381
165	714	727	769	812	827	219
175	733	735	740	745	747	71
180	736	736	736	736	736	

Indirect/Direct Photometry - 4' Luminaire 3500K

HP-2-P-ID-4'-V-V-837-SMIC-F-F

Uplight: Flush Diffuser

Downlight: Flush Diffuser

Distribution: 55% Up (V) / 45% Down (V)

Efficacy: 92 lm/W

Uplight: 3699 lumens (925 lumens/foot)

Downlight: 3080 lumens (770 lumens/foot)

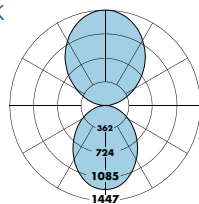
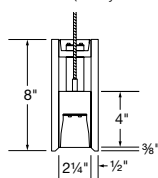
Total luminaire output: 6779 lumens (1695 lm/ft)

73.8 watts (18.5 W/ft)

Peak Candela Value: 1447 @ 180°

CRI: 80 / CCT: 3700K

ITL LM79 Report 85132 (Family Correlated)



CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0	FLUX
0	1275	1275	1275	1275	1275	
5	1267	1268	1266	1265	1265	120
15	1204	1196	1194	1188	1183	336
25	1081	1065	1056	1044	1032	486
35	914	897	883	860	851	551
45	727	712	696	672	663	535
55	536	526	510	491	484	456
65	357	349	339	327	322	336
75	197	192	186	181	178	198
85	58	57	56	55	53	62
90	0	0	0	0	0	
95	69	66	66	67	68	75
105	237	234	229	228	227	245
115	429	426	424	414	412	418
125	641	630	633	624	619	563
135	858	845	849	840	840	652
145	1066	1052	1055	1052	1045	658
155	1245	1230	1237	1231	1225	567
165	1373	1363	1366	1364	1361	385
175	1438	1438	1438	1438	1437	136
180	1447	1447	1447	1447	1447	

Information in chart below is for reference and based on ITL LM79 report 89456 and 94139 (Family Correlated)

Total Light Output, 3700K, 80 CRI (Lumens) - 4' Luminaire

	↑H ↑	↑V
↓H ↑	5500 [↑55% 45%↓]	6366 [↑161% 39%↓]
↓V	6206 [↑49% 51%↓]	7072 [↑55% 45%↓]

Light Output, 3700K, 80 CRI (Lumens Per Foot)

	↑H ↑	↑V
↓H ↑	1375	1592
↓V	1552	1768

Single Mode Power, 3700K (Watts Per Foot)

	↑H ↑	↑V
↓H ↑	13.8	15.9
↓V	15.9	18.0

Dual Mode Power, 3700K (Watts Per Foot)

Status	Occupied	LPD	Unoccupied	Occupied	LPD	Unoccupied
↓H ↑	13.8	10.7	8.2	15.9	12.4	9.4
↓V	15.9	12.4	9.4	18.0	14.0	10.5

Efficacy, 3700K, 80 CRI (Lumens Per Watt)

	↑H ↑	↑V
↓H ↑	100	100
↓V	98	98

↑ Family Correlation based on 4' luminaire 3700K Very High Output (V) test - 120V.

H - High Output, V - Very High Output

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

- Use **Occupied Power** for total electrical load calculations. Use this value to estimate branch circuit lighting loads.
- Use **LPD Power** for lighting power density calculations. Only the power attributed to white light is required per NEMA LSD EB 84-202X. Power used toward germicidal disinfection has been removed for this calculation.
- Use **Unoccupied** and **Occupied Power** for energy calculations to determine the power consumed over time based on the use of the space.

Sample Lumen Adjustment Calculation

Lumen Adjustment Factors 80 CRI	
Indigo-Clean	
3200K	0.98
3700K	1.00
4300K	1.03

FLUSH - High Output (H) / Very High Output (V), 3200K, 80 CRI
Lumen Adjustment Factor: 0.98

Total Light Output: 6095 lm x 0.98 = 5973 lm

Total Light Output per Foot: 1524 lm/ft x 0.98 = 1494 lm/ft.

watts/foot: 16.3W/ft.

$$\text{Efficacy} = \frac{1494 \frac{\text{lm}}{\text{ft.}}}{16.3 \frac{\text{W}}{\text{ft.}}} = 92 \text{ lm/W}$$

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

Acoustic HP-2 Acoustic Baffle Lit

Direct Photometry - 4' Luminaire 3500K

HP2-P-D-4'-V-837-SMIC-DSO

Downlight: Downlight Spread Optic

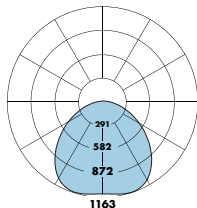
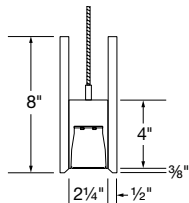
Efficacy: 89 lm/W

Total luminaire output: 3175 lumens (794 lm/ft)
35.7 watts (8.9 W/ft)

Peak Candela Value: 1161 @ 15°

CRI: 80 / CCT: 3700K

ITL LM79 Report 94139 (Family Correlated)



CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0	FLUX
0	1131	1131	1131	1131	1131	
5	1123	1124	1129	1134	1136	108
15	1060	1070	1116	1151	1161	314
25	942	972	1063	1121	1135	483
35	790	840	955	1005	1011	578
45	625	682	790	817	811	579
55	461	509	590	598	590	497
65	305	338	386	385	375	359
75	166	179	202	197	191	201
85	49	50	51	49	47	57
90	0	0	0	0	0	

Direct Photometry - 4' Luminaire 3500K

HP2-P-D-V-837-SMIC-F

Downlight: Flush Diffuser

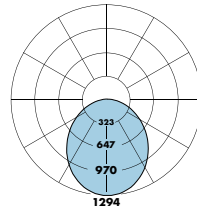
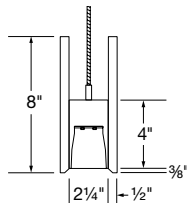
Efficacy: 85 lm/W

Total luminaire output: 3119 lumens (780 lm/ft)
36.9 watts (9.2 W/ft)

Peak Candela Value: 1294 @ 0°

CRI: 80 / CCT: 3700K

TL LM79 Report 85136 (Family Correlated)



CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0	FLUX
0	1294	1294	1294	1294	1294	
5	1287	1286	1286	1285	1284	122
15	1225	1214	1213	1207	1199	341
25	1099	1084	1076	1055	1043	493
35	929	914	895	869	860	559
45	739	725	703	676	665	542
55	546	534	516	494	485	460
65	363	354	340	327	321	339
75	200	195	189	182	179	200
85	60	59	57	55	55	64
90	0	0	0	0	0	

Information in chart below is for reference and based on ITL LM79 report 94139 (Family Correlated)

Total Light Output, 3700K, 80 CRI (Lumens) - 4' Luminaire	
H ¹	V
2469	3175

Light Output, 3700K, 80 CRI (Lumens Per Foot)	
H ¹	V
617	794

Single Mode Power, 3700K (Watts Per Foot)	
H ¹	V
6.8	8.9

Dual Mode Power, 3700K (Watts Per Foot)					
H ¹			V		
Occupied	LPD	Unoccupied	Occupied	LPD	Unoccupied
6.9	5.5	4.1	9.0	7.1	5.2

Efficacy, 3700K, 80 CRI (Lumens Per Watt)	
H ¹	V
90	89

¹ Family Correlation based on 4' luminaire 3700K Very High Output (V) test - 120V.

H - High Output, V - Very High Output

Information in chart below is for reference and based on ITL LM79 report 94139 (Family Correlated)

Total Light Output, 3700K, 80 CRI (Lumens) - 4' Luminaire	
H ¹	V
2426	3119

Light Output, 3700K, 80 CRI (Lumens Per Foot)	
H ¹	V
606	780

Single Mode Power, 3700K (Watts Per Foot)	
H ¹	V
7.1	9.2

Dual Mode Power, 3700K (Watts Per Foot)					
H ¹			V		
Occupied	LPD	Unoccupied	Occupied	LPD	Unoccupied
6.9	5.5	4.1	9.0	7.1	5.2

Efficacy, 3700K, 80 CRI (Lumens Per Watt)	
H ¹	V
86	85

¹ Family Correlation based on 4' luminaire 3700K Very High Output (V) test - 120V.

H - High Output, V - Very High Output

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

- Use **Occupied Power** for total electrical load calculations. Use this value to estimate branch circuit lighting loads.
- Use **LPD Power** for lighting power density calculations. Only the power attributed to white light is required per NEMA LSD EB 84-202X. Power used toward germicidal disinfection has been removed for this calculation.
- Use **Unoccupied** and **Occupied Power** for energy calculations to determine the power consumed over time based on the use of the space.

Sample Lumen Adjustment Calculation

Lumen Adjustment Factors 80 CRI	
Indigo-Clean	
3200K	0.98
3700K	1.00
4300K	1.03

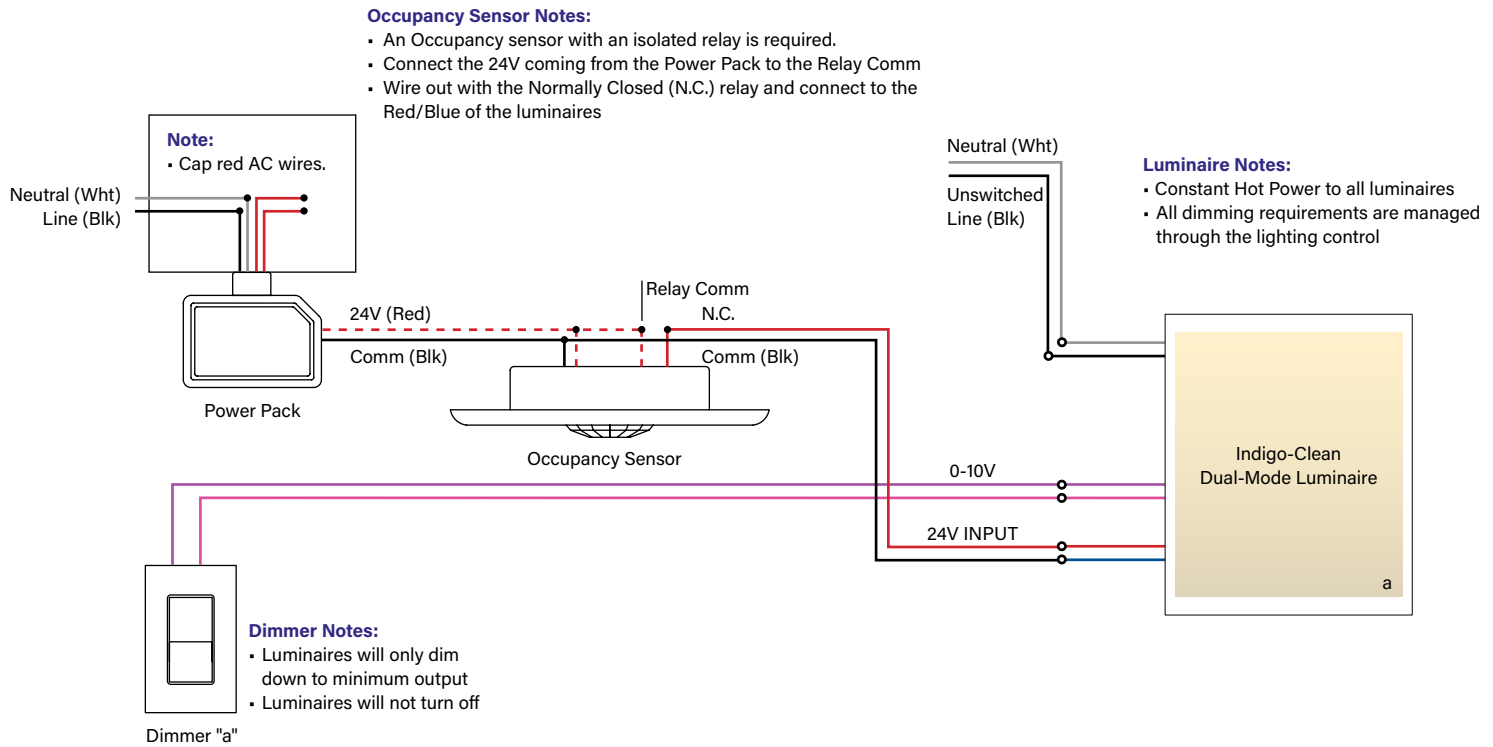
FLUSH - Very High Output (V), 3200K, 80 CRI
Lumen Adjustment Factor: 0.98
Total Light Output: 3119 lm x 0.98 = 3057 lm
Total Light Output per Foot: 780 lm/ft x 0.98 = 764 lm/ft.
watts/foot: 9.2 W/ft.

$$\text{Efficacy} = \frac{764 \frac{\text{lm}}{\text{ft.}}}{9.2 \frac{\text{W}}{\text{ft.}}} = 83 \text{ lm/W}$$

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

Indigo Clean Dual Mode - Basic Wiring Diagram

WIRING DIAGRAM



DUAL FEED DETAIL

