



BUY AMERICAN ACT OF 2009 COMPLIANT

FINELITE

High Performance 2" Aperture (HP-2) - Indirect/Direct

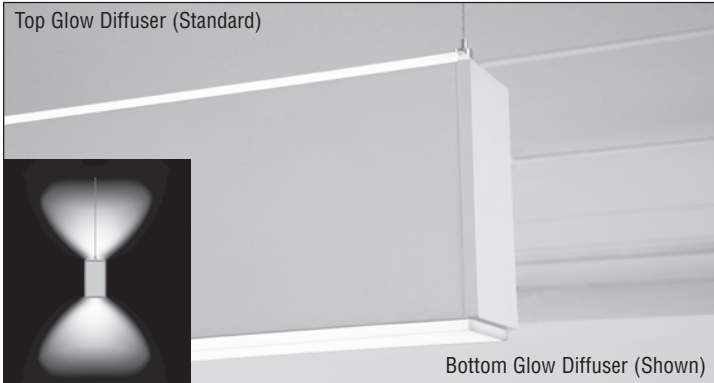


Date

Project

Type

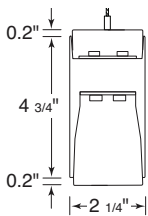
Comments



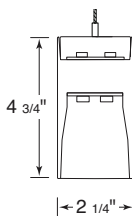
DESCRIPTION

High Performance 2" aperture Indirect/Direct (HP-2 ID) is a patented, linear LED luminaire with Flush, Top Glow™ and Bottom Glow™ options for up- and downlight. The micro shape delivers excellent performance using an advanced optical design and mid-power LEDs to achieve 90% of initial light output at 100,000 hours. Tailored Lighting options available.

Top Glow Diffuser (Standard)



Bottom Glow Diffuser (Optional)



Flush Uplight and Downlight Diffuser



BOTTOM GLOW DIFFUSER

The optional Bottom Glow diffuser adds a clean line of light along the downlight element.

Tailored Lighting 10 working days

TAILORED LIGHTING

Any length greater than 2 feet, in increments down to 1/16th-inch and 90-degree mitered corners in a single plane.

DIMENSIONS & DIFFUSER

A glare-free experience is attained with mid-powered LEDs and a precise diffuser to eliminate pixilation.

ORDERING GUIDE

Sample Number: HP-2 ID - 32' - SO - HO - 3500K - TG - F - 120V - FA - SC - C1 - OBO



- Finelite Series HP-2 ID _____
- Length (Minimum 2', increments accurate to 1/16th", Standard) _____
- Uplight Engine (SO - Standard Output, HO - High Output) _____
- Downlight Engine (SO - Standard Output, HO - High Output) _____
- LED Color Temperature (3000K, 3500K, 4000K) _____
- Uplight Diffuser Option (TG - Top Glow (standard), F - Flush (optional)) _____
- Downlight Diffuser Option (F - Flush (standard), BG - Bottom Glow (optional)) _____
- Voltage (120V, 277V) _____
- Mounting (FA - Fully Adjustable) _____
- Circuiting (SC - Single Circuit, DC - Dual Circuit) _____
- Ceiling Type (C1 - 1" T-Bar, C2 - 9/16" T-Bar, C3 - Screw Slot, C4 - Hard Ceiling) _____
- Integrated Sensor (OBO - Occupancy Sensor, OBD - Daylight) _____

* Contact factory for switching options.

Protected by one or more US Patents: 8915613; D702,391; D702,390; D700,732; D727,554 S; D727,550 S, D727,551 S

Finelite, Inc. • 30500 Whipple Road • Union City, CA 94587-1530 • 510 / 441-1100 • Fax: 510 / 441-1510 • www.finelite.com

Due to continuing product improvements, Finelite reserves the right to change specifications without notice. Please visit www.finelite.com for most current data.



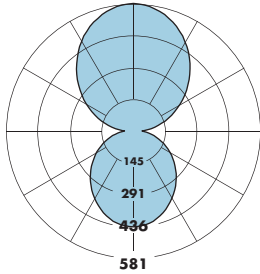
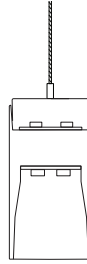
FINELITE

High Performance 2" Aperture (HP-2) - Indirect/Direct

PHOTOMETRY

Standard Output/ Standard Output - 4' Luminaire
 Distribution: 56% Up (SO) / 44% Down (SO)
 Efficacy: 81 lumen per watt
 Uplight: 1602 lumens (400.6 lumens/foot)
 Downlight: 1248 lumens (312 lumens/foot)
 Total luminaire output: 2851 lumens (713 lumens/foot)
 35.3 watts (8.8 watts/foot)

CCT: 4000K
 Source Report ITL 83154
 (Family Correlation)



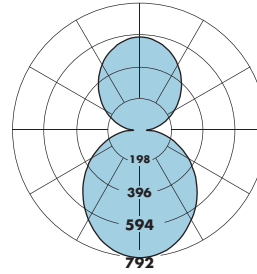
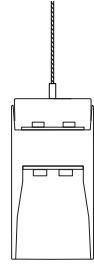
— Refer to www.finelite.com
 for additional photometry and
 product information.

CANDLEPOWER SUMMARY						
	0.0	22.5	45	67.5	90	Flux
0	436	436	436	436	436	
5	435	434	434	434	432	41
15	415	414	418	415	413	117
25	380	377	377	377	375	174
35	329	327	329	329	329	206
45	272	269	273	276	276	211
55	209	208	216	219	220	192
65	146	148	157	162	163	154
75	84	89	100	106	109	104
85	26	37	49	57	59	51
90	1	13	27	37	40	
95	27	39	53	62	66	56
105	96	108	121	130	134	125
115	173	184	196	206	208	192
125	256	265	277	285	286	246
135	336	347	359	364	364	274
145	422	427	435	438	438	270
155	495	495	500	502	501	230
165	549	548	549	550	549	155
175	578	578	577	577	576	55
180	581	581	581	581	581	

PHOTOMETRY

Standard Output/ High Output - 4' Luminaire
 Distribution: 41% Up (SO) / 59% Down (HO)
 Efficacy: 71 lumen per watt
 Uplight: 1602 lumens (400.6 lumens/foot)
 Downlight: 2263 lumens (565.6 lumens/foot)
 Total luminaire output: 3865 lumens (966 lumens/foot)
 54.1 watts (13.5 watts/foot)

CCT: 4000K
 Source Report ITL 83154
 (Family Correlation)



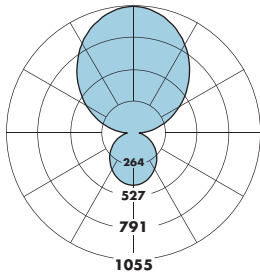
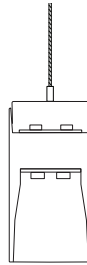
— Refer to www.finelite.com
 for additional photometry and
 product information.

CANDLEPOWER SUMMARY						
	0.0	22.5	45	67.5	90	Flux
0	792	792	792	792	792	792
5	789	788	787	788	785	40
15	754	752	758	753	749	113
25	689	685	685	684	681	167
35	598	594	597	597	597	198
45	493	489	496	500	501	203
55	380	377	391	398	399	185
65	265	268	284	294	296	148
75	152	162	182	193	198	100
85	47	66	88	103	108	49
90	1	13	27	37	40	
95	27	39	53	62	66	54
105	96	108	121	130	134	121
115	173	184	196	206	208	185
125	256	265	277	285	286	237
135	336	347	359	364	364	264
145	422	427	435	438	438	260
155	495	495	500	502	501	221
165	549	548	548	550	549	149
175	578	578	577	577	576	53
180	581	581	581	581	581	

PHOTOMETRY

High Output/ Standard Output - 4' Luminaire
 Distribution: 70% Up (HO) / 30% Down (SO)
 Efficacy: 77 lumen per watt
 Uplight: 2908 lumens (727 lumens/foot)
 Downlight: 1251 lumens (312.7 lumens/foot)
 Total luminaire output: 4159 lumens (1040 lumens/foot)
 54.1 watts (13.5 watts/foot)

CCT: 4000K
 Source Report ITL 83154
 (Family Correlation)



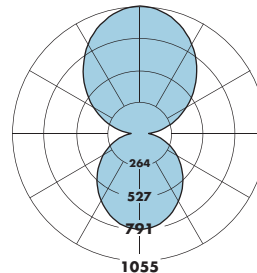
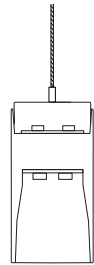
— Refer to www.finelite.com
 for additional photometry and
 product information.

CANDLEPOWER SUMMARY						
	0.0	22.5	45	67.5	90	Flux
0	436	436	436	436	436	
5	435	434	434	434	432	41
15	415	414	418	415	413	117
25	380	377	377	377	375	174
35	329	327	329	329	329	206
45	272	269	273	276	276	211
55	209	208	216	219	220	192
65	146	148	157	162	163	154
75	84	89	100	106	109	104
85	26	37	49	57	59	54
90	1	24	49	66	73	
95	49	72	97	112	119	101
105	173	195	219	236	243	227
115	315	333	356	375	378	349
125	464	481	503	518	519	446
135	610	630	652	660	661	497
145	766	774	789	795	794	490
155	899	898	908	910	909	417
165	996	994	995	998	997	281
175	1049	1048	1046	1046	1045	99
180	1055	1055	1055	1055	1055	

PHOTOMETRY

High Output/ High Output - 4' Luminaire
 Distribution: 56% Up (HO) / 44% Down (HO)
 Efficacy: 71 lumen per watt
 Uplight: 2908 lumens (727 lumens/foot)
 Downlight: 2265 lumens (566.4 lumens/foot)
 Total luminaire output: 5174 lumens (1294 lumens/foot)
 72.9 watts (18.2 watts/foot)

CCT: 4000K
 Source Report ITL 83154
 (Family Correlation)



— Refer to www.finelite.com
 for additional photometry and
 product information.

CANDLEPOWER SUMMARY						
	0.0	22.5	45	67.5	90	Flux
0	792	792	792	792	792	
5	789	788	787	788	785	75
15	754	752	758	753	749	212
25	689	685	685	684	681	315
35	598	594	597	597	597	373
45	493	489	496	500	501	382
55	380	377	391	398	399	348
65	265	268	284	294	296	279
75	152	162	182	193	198	188
85	47	66	88	103	108	92
90	1	24	49	66	73	
95	49	72	97	112	119	101
105	173	195	219	236	243	227
115	315	333	356	375	378	349
125	464	481	503	518	519	446
135	610	630	652	660	661	497
145	766	774	789	795	794	491
155	899	898	908	910	909	417
165	996	994	995	998	996	281
175	1049	1048	1046	1046	1045	99
180	1055	1055	1055	1055	1055	

Consult www.finelite.com for 3000K and 3500K photometric reports.

Protected by one or more US Patents: 8915613; D702,391; D702,390; D700,732; D727,554 S; D727,550 S, D727,551 S

Finelite, Inc. • 30500 Whipple Road • Union City, CA 94587-1530 • 510 / 441-1100 • Fax: 510 / 441-1510 • www.finelite.com

Due to continuing product improvements, Finelite reserves the right to change specifications without notice. Please visit www.finelite.com for most current data.



FINELITE

High Performance 2" Aperture (HP-2) - Indirect/Direct

	Lumen Output Per Foot 3000K			
	↑ SO/SO* ↓	↑ SO/HO* ↓	↑ HO/SO* ↓	↑ HO/HO* ↓
Uplight (lumens per foot)	370	370	671.4	671.3
Downlight (lumens per foot)	288	522.3	288.8	523
Total Lumens per watt	658	892.3	960.2	1194.3
Total Watts per foot	8.8	13.5	13.5	18
Efficacy (LPW)	75	66	71	66.3

	Lumen Output Per Foot 3500K			
	↑ SO/SO ↓	↑ SO/HO* ↓	↑ HO/SO* ↓	↑ HO/HO ↓
Uplight (lumens per foot)	386	386	700.4	700.5
Downlight (lumens per foot)	300.6	545	301.3	545.5
Total Lumens per watt	686.6	931	1001.7	1246
Total Watts per foot	8.8	13.5	13.5	18.2
Efficacy (LPW)	78	69	74	68

	Lumen Output Per Foot 4000K			
	↑ SO/SO* ↓	↑ SO/HO* ↓	↑ HO/SO* ↓	↑ HO/HO* ↓
Uplight (lumens per foot)	400.6	400.6	727	727
Downlight (lumens per foot)	312	565.6	312.7	566.4
Total Lumens per watt	712.6	966.2	1039.7	1293.4
Total Watts per foot	8.8	13.5	13.5	18.2
Efficacy (LPW)	81	71	77	71

SO - Standard Output, HO - High Output

* Family Correlation based on 4' luminaire 3500K HO/HO test.

SPECIFICATIONS

CONSTRUCTION: Precision-cut 6061-T6 extruded aluminum body. Internal joiner system, plug-together wiring, standard.

ENDCAPS: Flat diecast aluminum endcaps add 0.25" to each end of luminaire.

MITERED CORNER: Illuminated 90° corners in a single plane, with Top Glow™ or Flush uplight diffuser, and/or Flush downlight diffuser, standard. Custom angles are available (90° minimum on inside corners), contact factory.

REFLECTORS: Die-formed 24-gauge cold-rolled steel reflectors are finished in 96 LG high reflectance matte white powder coat paint.

UPLIGHT DIFFUSER: 12' maximum lens length. Top Glow frost white lens standard, 73% transmissive, 99% diffusion. Internal secondary diffusers at corners ensure visually seamless, uniform, continuous illumination. Optional: Flush frost white snap-in lens, 73% transmissive, 99% diffusion.

DOWNLIGHT DIFFUSER: 12' maximum lens length. Flush frost white snap-in lens standard, 73% transmissive, 99% diffusion. Internal secondary diffusers at corners ensure visually seamless, uniform, continuous illumination. Bottom Glow™ frost white snap-in lens option, 73% transmissive, 99% diffusion.

LIGHT ENGINE: Four lumens packages available. The uplight and downlight can be independently specified with Standard Output (SO) or High Output (HO). A

separate chart summarizes lumen distribution and wattage. LM79 test reports are available for each distribution. Light engines are replaceable.

LUMEN MAINTENANCE: 90% of initial light output (L90) at 100,000 hours; 70% of initial light output (L70) at 184,000 hours.

LED COLOR TEMPERATURE (CCT): 3000K, 3500K, or 4000K.

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. Separate dimming for uplight and downlight available. Driver is fully accessible from below the ceiling. Power Factor: ≥0.9. Total Harmonic Distortion (THD) <20%. Expected driver lifetime: 100,000 hours.

LUTRON DRIVER OPTIONS: Lut3W-3-wire, LutES-EcoSystem, Lut2W-2-wire.

ELECTRICAL: Optional emergency to generator/inverter wiring, internal generator transfer switch, nightlight wiring, step-dimming driver, backup battery. Factory-choice low-profile backup battery available. 12' minimum fixture length for low profile battery pack. Backup batteries deliver 1000 lumens. Half of a 4' section will be illuminated in emergency mode.

INTEGRATED SENSORS: Integrated PIR (Passive Infrared) occupancy and/or



daylight sensors available with Flush and Bottom Glow downlight diffusers. Refer to Occupancy Sensor and Daylight Sensor tech sheets for more info.

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

FINISHES: Finelite Signal White powder coat standard. Optional Adders: 185 Tiger Drylac's RAL colors.

FEED: Standard with one 18-gauge/5-conductor single-circuit feed controlling uplight and downlight together (power and dimming). Specify dual feeds for independent control of uplight and downlight. 14-gauge feed used when fixture current exceeds 5 amps.

LENGTHS: Any length, 2-foot minimum, in increments down to 1/16th-inch.

LABELS: Fixture 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 410.73 (G), this luminaire contains an internal driver disconnect. Damp Location.

WEIGHT: 2.9 lb/ft.

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

Protected by one or more US Patents: 8915613; D702,391; D702,390; D700,732; D727,554 S; D727,550 S, D727,551 S

Finelite, Inc. • 30500 Whipple Road • Union City, CA 94587-1530 • 510 / 441-1100 • Fax: 510 / 441-1510 • www.finelite.com

Due to continuing product improvements, Finelite reserves the right to change specifications without notice. Please visit www.finelite.com for most current data.