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

FINELITE® Better Lighting

High Performance 3" Aperture (HP-3) Pendant

Indirect/Direct shown

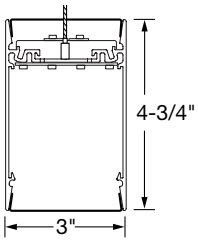
HP-3 is a compact, streamlined, 3-inch-wide linear luminaire with recycled aluminum housing, advanced optics, and mid-power LEDs, delivering 90% of its initial light output for over 100,000 hours. It features an innovative assembly design, an easy-to-use joiner for continuous runs, and seamless installation. Backed by a 10-year warranty, it is available in 179 RAL color options to suit any project.

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.

Signal White is standard finish

CROSS SECTIONS

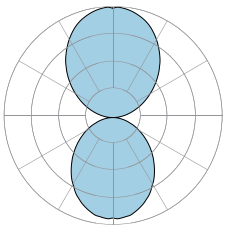
Indirect/Direct
Flush Uplight Diffuser
(standard)



Flush Downlight Diffuser
(standard)

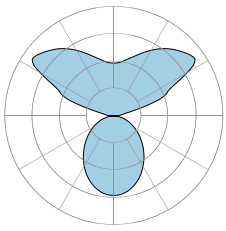
OPTIC OPTIONS

Standard Uplight
Flush Optic (**F**)



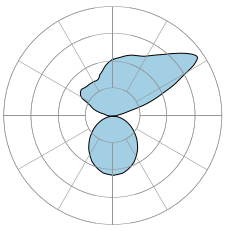
Standard Downlight
Flush Optic (**F**)

Wide Spread Optic
(**WSO**)



Standard Downlight
Flush Optic (**F**)

Asymmetric Optic
(**ASY**)



Standard Downlight
Flush Optic (**F**)

COMING SOON

Recessed
(**R**)

Surface Mount
(**SM**)

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

FINELITE® Better Lighting

High Performance 3" Aperture (HP-3) Pendant

Clear Form

Ordering Guide Example: HP - 3 - P - ID - 36' - S - S - 835 - F - F - 96LG - 120 - DC - FC-10% - FA50 - C1 - FE - SW - LGD18W - OBO - CP

BODY TYPE

Platform	Series Name	Luminaire Type	Luminaire Distribution	Total Length of Run
◉ **HP** - High Performance	◉ **3**	◯ **P** - Pendant	◯ **ID** - Indirect/Direct	_____ Minimum 2' section length. Increments accurate to 1/16" (±1/32"), standard. 12' maximum section length.

OUTPUT AND LED TYPE

Uplight Output (Flush)	Downlight Output (Flush)[1]
◯ **S** - Standard (428 lm/ft)	◯ **S** - Standard (379 lm/ft)
◯ **B** - Boosted (538 lm/ft)	◯ **B** - Boosted (477 lm/ft)
◯ **H** - High (813 lm/ft)	◯ **H** - High (721 lm/ft)
◯ **V** - Very High (1045 lm/ft)	◯ **V** - Very High (927 lm/ft)
◯ **TL** - Tailored:_____lm/ft*	◯ **TL** - Tailored:_____lm/ft*

Lumen provided above are for Flush lens only, see pg. 11 for WW lumens.
* Specify Tailored 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

LED CRI/CCT
◯ **830** - 80 CRI, 3000K
◯ **835** - 80 CRI, 3500K
◯ **840** - 80 CRI, 4000K
◯ **930** - 90 CRI, 3000K[1]
◯ **935** - 90 CRI, 3500K[1]
◯ **940** - 90 CRI, 4000K[1]
◯ **8TW** - 80 CRI, Tunable White[1]
◯ **9TW** - 90 CRI, Tunable White[1]

MECHANICAL/OPTICAL OPTIONS

Uplight Optics	Downlight Optics	Reflector System
◯ **TG** - Top Glow (coming soon)	◯ **F** - Flush (standard)	◯ **96LG** - 96 Low Gloss White
◯ **F** - Flush (standard)	◯ **BG** - Bottom Glow (coming soon)	
◯ **ASY-L** - Asymmetric Left Optic		
◯ **ASY-R** - Asymmetric Right Optic		
◯ **WSO** - Widespread Optic		

ELECTRICAL OPTIONS

Voltage

◯ **120** - 120 Voltage
◯ **277** - 277 Voltage
◯ **347** - 347 Voltage (OTi only)

Circuiting[2]

◯ **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. Factory shop drawings required

* Battery, Night Light, and Emergency to Generator circuits are in addition to the normal luminaire circuit(s)

ELECTRICAL OPTIONS

Driver Selection

0-10V Driver Options

◯ **FC-10%** - 0-10V 10% (standard)
◯ **FC-1%** - 0-10V 1%
◯ **OTi-10%** - EldoLED OTi, 0-10V 10%[3]
◯ **OTi-1%** - EldoLED OTi, 0-10V 1%[3]
◯ **ELD-10V-0%** - EldoLED SOLOdrive, 0-10V 0.1%
◯ **10V-TW-10%** - EldoLED OTi, 0-10V 10% *(Tunable White)*[3]

DALI Driver Options

◯ **FC-DALI-1%** - DALI 1%
◯ **DXL-DALI-1%** - EldoLED Dexal, 1%
◯ **ELD-DALI-0%** - EldoLED SOLOdrive, 0.1%
◯ **ELD-DALI-TW** - EldoLED DUALdrive LightShape, 0.1% *(Tunable White)*

DMX Driver Options

◯ **ELD-DMX** - EldoLED POWERdrive, 0.1%
◯ **ELD-DMX-TW** - EldoLED POWERdrive, 0.1% (Tunable White)

Lutron Driver Options

◯ **LUT-ES1** - Lutron, Ecosystem 1%
◯ **LUT-TW** - Lutron LD2 Dali-2 1% *(Tunable White)*

See Page 3 for additional driver options and details

MOUNTING OPTIONS

Mounting Method

◯ **FA50** - Fully Adjustable 50" (standard)
◯ **FA100** - Fully Adjustable 100"
◯ **FA150** - Fully Adjustable 150"
◯ **FA200** - Fully Adjustable 200"
◯ **FA250** - Fully Adjustable 250"
◯ **FA300** - Fully Adjustable 300"

Ceiling Hardware Type

◯ **C1** - 15/16" T-Bar
◯ **C2** - 9/16" T-Bar
◯ **C3** - Screw Slot
◯ **C4** - Hard Ceiling
◯ **C1T** - 15/16" Tegular
◯ **C2T** - 9/16" Tegular

OTHER OPTIONS

Endcap Style

◯ **FE** - Flat Endcap (standard)

Finish

◯ **SW** - Signal White (standard)
◯ **FB** - Finelite Black
◯ **SA** - Satin Aluminum
◯ **####** - RAL Color Code[4]
_____

OTHER OPTIONS

Emergency Style (Optional) Clear Selection
See page 5 Backup Battery table

◯ **LGD18W** - Legrand 18W Brand Battery Back-up
◯ **LGD10W** - Legrand 10W Brand Battery Back-up
◯ **BSL310LP** - Bodine Battery Back up Low Profile
◯ **BSL10T3** - Bodine Battery Back up Low Profile Compact
◯ **EM/GEN** - Emergency to Generator
◯ **NL** - Night Light
◯ **GTD** - Generator Transfer Device
◯ **ALCR** - Automatic Load Control Relay

See Backup Battery table on page 5 for fitment limitations

Integrated Sensor (Optional) Clear Selection

◯ **OBO** - Occupancy
◯ **OBD** - Daylight
◯ **W601** - Wattstopper Sensor[4]
◯ **OBE** - Enlighted Sensor[5]
◯ **REE** - Remote Enlighted
◯ **CLM-99** - Encelium RF
◯ **SLM-99** - Encelium Sensor
◯ **AOCC-W** - Lutron Athena Sensor[6] *(Device Color White)*
◯ **AOCC-B** - Lutron Athena Sensor[6] *(Device Color Black)*
◯ **ARF-W** - Lutron Athena RF[6] *(Device Color White)*
◯ **ARF-B** - Lutron Athena RF[6] *(Device Color Black)*
◯ **VOCC** - Lutron Vive Sensor[7]
◯ **VRF** - Lutron Vive RF[7]

Special Options (Optional) Clear Selection

◯ **CP** - Chicago Plenum[8]
◯ **RLA** - Red List Approved
◯ **RLD** - Red List Declared

[1] DLC not available
[2] Contact factory for switching options
[3] Add DTO to gain "Dim to Off" functionality (FC-10% - DTO, FC-1% - DTO)
[4] 20 business days lead time for color
[5] 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.
[6] Enlighted components installed by Finelite, provided by others
[6] 0-10V Drivers - **AOCC** up to 10 drivers may be connected; **ARF** up to 40 driver may be connected
DALI Drivers - **AOCC** & **ARF** up to 4 drivers can be connected
[7] Lutron Vive Ingrated Sensors require a DALI driver. Contact factory for Indirect Distribution.
[8] Only available with C1, C2, and C3 mounting hardware with Finelite Gridbox

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

FINELITE® Better Lighting

High Performance 3" Aperture (HP-3) Pendant

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)
10V-TW-10%	EldoLED OTi, 0-10V 10% Dimming, *Tunable White* (Linear)
10V-TW-10%-DTO	EldoLED OTi, 0-10V 10% Dimming, Dim-to-Off, *Tunable White* (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)
ELD-DALI-TW	EldoLED DUALdrive Light Shape, DALI 0.1% Dimming, *Tunable White* (Logarithmic Dimming, Linear CCT Control)

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)
ELD-DMX-TW	EldoLED POWERdrive, DMX 0.1% Dimming, Tunable White (8 Bit, 2CH - CH1 Warm / CH2 Cool) (Linear)
ELD-DMX-TW16	EldoLED POWERdrive, DMX 0.1% Dimming, Tunable White (16 Bit, 4CH - CH1, 2 Warm / CH3, 4 Cool) (Linear)

Lutron Driver Options	
LUT-ES1	Lutron, Ecosystem 1% Dimming
LUT-TW	Lutron LD2 Dali-2 1%, *Tunable White*

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

FINELITE®
Better Lighting

High Performance 3" Aperture (HP-3) Pendant

SPECIFICATIONS

BODY TYPE

CONSTRUCTION: Precision-cut 6063-T6 extruded recycled aluminum body. Internal joiner system, plug-together wiring, standard.

LENGTHS: Any length, 2' minimum, in increments down to 1/16" (±1/32"). 12' maximum section length.

OUTPUT AND LED TYPE

LIGHT OUTPUT: Four lumen packages available, Standard (**S**), Boosted Standard (**B**), High (**H**), and Very High (**V**). For lengths 3' and greater, the uplight and downlight can be specified with different lumen packages and dual controls. For Tailored Outputs outside of range from Standard (**S**) to Very High (**V**), consult factory. Light engines are replaceable.

MECHANICAL/OPTICAL OPTIONS

UPLIGHT OPTION : 12 ft. maximum diffuser length. 73% transmissive, 99% diffusion. Internal secondary diffusers at corners ensure visually seamless, uniform, continuous illumination options include: Flush frost white snap-in dif- fuser, 73% transmissive, 99% diffusion; Widespread Optic (**WSO**); 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** distributed light to the right of the luminaire. Consult factory for more tailored lumen outputs.

DOWNLIGHT OPTION : 12' maximum diffuser length. Flush frost white snap-in diffuser standard, 77% transmissive, 99% diffusion. Internal secondary diffusers at corners ensure visually seamless, uniform, continuous illumination. Consult factory for more tailored lumen outputs.

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: 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 luminaire current exceeds 5 amps.

TUNABLE WHITE FEED: Standard with one 18-gauge/5-conductor single-circuit feed. 14-gauge feed used when fixture current exceeds 5 amps. DMX feeds cannot be cut or spliced. DMX feeds should be ordered based on fixed lengths.

0-10V:
- One 18-guage / 3-conductor power
- One 18-gauge / 4-conductor for dimming and controls

Dali:
- One 18-gauge / 5-conductor power and controls

DMX:
- One 18-gauge / 3-conductor power
- One DMX feed

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% standard. Dimming to 1% available. 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:
LUT-ES1 - 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 and 277V.
Power factor: ≥0.90
Total Harmonic Distortion (THD): <20%
Dimming Range: 100%-10%
Expected Driver Lifetime.: 100,000 hours

LUTRON TUNABLE WHITE DRIVER OPTION:
LUT-TW - Lutron LD2 Dali-2 1%, Tunable White.

MOUNTING OPTIONS

HANGING HARDWARE: 50" Fully Adjustable (**FA**) steel-plated aircraft cable with safety stop hardware standard.

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 prewired with plug-and-play interconnected cables to support easy plug-together joining of fixture runs. DMX to RJ45 adapters and an RJ45 terminator for every 32 DMX drivers are included.

OTHER OPTIONS

ENDCAPS: Flat diecast aluminum endcaps (**FE**) add 1/4" to each end of luminaire.

Continued

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

FINELITE® Better Lighting

High Performance 3" Aperture (HP-3) Pendant

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**
HP3-P-ID		
Min. Housing Length	12'	8'
EM Lumen Output	2088	1243
EM Section Illum.	2'	2' or 4'

* Minimum fixture housing length for battery pack approved without sensor
The lumens are based on 835. For other CCT/CRI, refer to the Lumen Adjustment Factor table on page 6.

Bodine GTD and Legrand ALCR Min. Length	
Configuration	**Min Length**
Generator	ID-3'
Generator + OCC	ID-3'
Daylight	ID-3'
Generator + Daylight	ID-3'

TUNABLE WHITE ELECTRICAL OPTIONS:
TW Driver Options
- **0-10V:** EM/GEN, GTD 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.

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[1] 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.These fixtures are rated for Damp Location. Chicago Plenum options available for C1, C2, or C3 suspension using our GridBox. 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.

WEIGHT[2]: ID - 3.2 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.

[1] 20 business days lead time for color
[2] Excludes Battery Backup and Generator Transfer Device weight

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

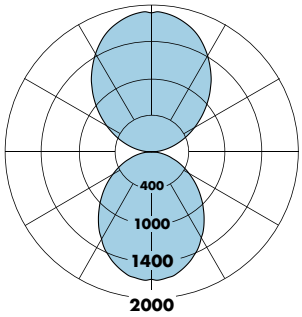
FINELITE® Better Lighting

High Performance 3" Aperture (HP-3) Pendant

Indirect/Direct Photometry - 4' Luminaire 3500K

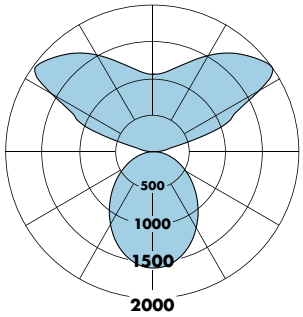
HP3-P-ID-4'-V-V-835-F -F
Uplight: Flush / **Downlight:** Flush
Distribution: 54% Up (**V**) / 46% Down (**V**)
Efficacy: 132 lm/W
Uplight: 4883 lumens (1221 lumens/foot)
Downlight: 4159 lumens (1040 lumens/foot)
Total luminaire output: 9042 lumens (2261 lm/ft)
68.68 watts (17.1 W/ft)

CRI: 80 / CCT: 3500K
NLTL LM79 Report # REP-112524-01



HP3-P-ID-4'-V-V-835-WSO-F
Uplight: Widespread Optic / **Downlight:** Flush
Distribution: 58% Up (**V**) / 42% Down (**V**)
Efficacy: 133 lm/W
Uplight: 3830 lumens (958 lumens/foot)
Downlight: 5288 lumens (1322 lumens/foot)
Total luminaire output: 9118 lumens (2280 lm/ft)
68.78 watts (17.2 W/ft)

CRI: 80 / CCT: 3500K
NLTL LM79 Report # REP-112024-04



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

	↑S [1]	↑B [1]	↑H [1]	↑V [2]
↓S [1]	5023 [↑54% I 46%↓]	5702 [↑59% I 41%↓]	6127 [↑62% I 38%↓]	7188 [↑68% I 32%↓]
↓B [1]	5605 [↑48% I 52%↓]	6284 [↑54% I 46%↓]	6709 [↑57% I 43%↓]	7770 [↑63% I 37%↓]
↓H [1]	5970 [↑45% I 55%↓]	6649 [↑51% I 49%↓]	7074 [↑54% I 46%↓]	8135 [↑60% I 40%↓]
↓V [2]	6880 [↑39% I 61%↓]	7599 [↑45% I 55%↓]	7984 [↑48% I 52%↓]	9042 [↑54% I 46%↓]

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

	↑S [1]	↑B [1]	↑H [1]	↑V [2]
↓S [1]	1256	1426	1532	1797
↓B [1]	1401	1571	1677	1943
↓H [1]	1493	1662	1769	2034
↓V [2]	1720	1900	1996	2261

Power, 3500K (Watts Per Foot)

	↑S [1]	↑B [1]	↑H [1]	↑V [2]
↓S [1]	9.6	10.8	11.5	13.4
↓B [1]	10.8	12.0	12.7	14.6
↓H [1]	11.5	12.7	13.5	15.3
↓V [2]	13.4	14.6	15.3	17.1

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

	↑S [1]	↑B [1]	↑H [1]	↑V [2]
↓S [1]	131	133	133	135
↓B [1]	130	131	132	133
↓H [1]	130	131	131	133
↓V [2]	129	130	130	132

S - Standard Output, B - Boosted Standard Output, H - High Output, V - Very High Output
[1] Family Correlation based on 4' luminaire 3500K Very High Output (**V**) test - 120V.
[2] Based on NLTL LM79 reports: REP-112524-01

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

	↑S [1]	↑B [1]	↑H [1]	↑V [2]
↓S [1]	5064 [↑58% I 42%↓]	5806 [↑64% I 36%↓]	6270 [↑66% I 34%↓]	7429 [↑72% I 28%↓]
↓B [1]	5595 [↑53% I 47%↓]	6336 [↑58% I 42%↓]	6800 [↑61% I 39%↓]	7959 [↑67% I 33%↓]
↓H [1]	5927 [↑50% I 50%↓]	6668 [↑55% I 45%↓]	7132 [↑58% I 42%↓]	8291 [↑64% I 36%↓]
↓V [2]	6755 [↑44% I 56%↓]	7497 [↑49% I 51%↓]	7961 [↑52% I 48%↓]	9118 [↑58% I 42%↓]

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

	↑S [1]	↑B [1]	↑H [1]	↑V [2]
↓S [1]	1266	1452	1568	1857
↓B [1]	1399	1584	1700	1990
↓H [1]	1482	1667	1783	2073
↓V [2]	1689	1874	1990	2280

Power, 3500K (Watts Per Foot)

	↑S [1]	↑B [1]	↑H [1]	↑V [2]
↓S [1]	9.6	10.8	11.5	13.4
↓B [1]	10.8	12.0	12.7	14.6
↓H [1]	11.5	12.7	13.5	15.3
↓V [2]	13.4	14.6	15.3	17.2

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

	↑S [1]	↑B [1]	↑H [1]	↑V [2]
↓S [1]	133	135	136	139
↓B [1]	130	133	134	137
↓H [1]	129	131	133	135
↓V [2]	126	129	130	133

S - Standard Output, B - Boosted Standard Output, H - High Output, V - Very High Output
[1] Family Correlation based on 4' luminaire 3500K Very High Output (**V**) test - 120V.
[2] Based on NLTL LM79 reports: REP-112024-04

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	0.974
3500K	1.000
4000K	1.038

High Output (**H**) / Standard Output (**S**), 3000K, 80 CRI
Lumen Adjustment Factor: 0.974
Total Light Output: 6127 lm x 0.974 = 5968 lm
Total Light Output per Foot: 1532 lm/ft x 0.974 = 1492 lm/ft.
watts/foot: 10.7 W/ft.

$$\textbf{Efficacy} = \frac{1492\ \frac{\text{lm}}{\text{ft.}}}{11.5\ \frac{\text{W}}{\text{ft.}}} = 130\ \text{lm/W}$$

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

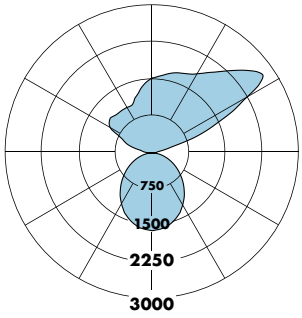
FINELITE® Better Lighting

High Performance 3" Aperture (HP-3) Pendant

Indirect/Direct Photometry - 4' Luminaire 3500K

HP3-P-ID-4'-V-V-835-ASY-F
Uplight: Asymmetric Optic / **Downlight:** Flush
Distribution: 60% Up (**V**) / 40% Down (**V**)
Efficacy: 135 lm/W
Uplight: 5477 lumens (1369 lumens/foot)
Downlight: 3779 lumens (945 lumens/foot)
Total luminaire output: 9256 lumens (2314 lm/ft)
68.75 watts (17.2 W/ft)

CRI: 80 / CCT: 3500K
NLTL LM79 Report # REP-112024-05



Total Light Output, 3500K, 80 CRI (Lumens) - 4' Luminaire				
	↑**S** [1]	↑**B** [1]	↑**H** [1]	↑**V** [2]
↓**S** [1]	5141 [↑53% I 47%↓]	5905 [↑64% I 36%↓]	6383 [↑67% I 33%↓]	7577 [↑72% I 28%↓]
↓**B** [1]	5669 [↑53% I 46%↓]	6433 [↑59% I 41%↓]	6911 [↑62% I 38%↓]	8104 [↑68% I 32%↓]
↓**H** [1]	5999 [↑51% I 49%↓]	6763 [↑56% I 44%↓]	7241 [↑59% I 41%↓]	8434 [↑65% I 35%↓]
↓**V** [2]	6823 [↑59% I 41%↓]	7587 [↑50% I 50%↓]	8065 [↑53% I 47%↓]	9256 [↑60% I 40%↓]

Light Output, 3500K, 80 CRI (Lumens Per Foot)				
	↑**S** [1]	↑**B** [1]	↑**H** [1]	↑**V** [2]
↓**S** [1]	1285	1476	1596	1506
↓**B** [1]	1417	1608	1728	2026
↓**H** [1]	1500	1691	1810	2109
↓**V** [2]	1706	1897	2016	2314

Power, 3500K (Watts Per Foot)				
	↑**S** [1]	↑**B** [1]	↑**H** [1]	↑**V** [2]
↓**S** [1]	9.6	10.8	11.5	13.4
↓**B** [1]	10.8	12.0	12.7	14.6
↓**H** [1]	11.5	12.7	13.5	15.3
↓**V** [2]	13.4	14.6	15.3	17.2

Efficacy, 3500K, 80 CRI (Lumens Per Watt)				
	↑**S** [1]	↑**B** [1]	↑**H** [1]	↑**V** [2]
↓**S** [1]	135	137	139	142
↓**B** [1]	132	135	136	139
↓**H** [1]	130	133	135	138
↓**V** [2]	128	130	132	135

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

[1] Family Correlation based on 4' luminaire 3500K Very High Output (**V**) test - 120V.
[2] Based on NLTL LM79 reports: REP-112024-05

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	0.974
3500K	1.000
4000K	1.038

High Output (**H**) / Standard Output (**S**), 3000K, 80 CRI
Lumen Adjustment Factor: 0.974
Total Light Output: 6383 lm x 0.974 = 6217 lm
Total Light Output per Foot: 1596 lm/ft x 0.974 = 1555 lm/ft.
watts/foot: 11.5 W/ft.

$$\textbf{Efficacy} = \frac{1555\ \frac{\text{lm}}{\text{ft.}}}{11.5\ \frac{\text{W}}{\text{ft.}}} = 135\ \text{lm/W}$$

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

FINELITE® Better Lighting

0-10V Tunable White

Finelite's 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

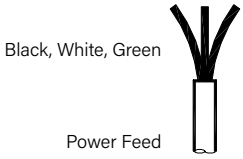
Note:
Dim to Off options available.

LUMINAIRE FAMILY MODIFICATIONS/RESTRICTIONS

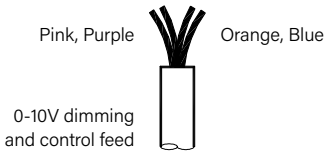
	Section Lengths										
Direct	**2'**	**3'**	**4'**	**5'**	**6'**	**7'**	**8'**	**9'**	**10'**	**11'**	**12'**
Output S,B,H,V Single Circuit	Rows can be comprised of 2'-12' sections. Tailored lengths available.										
Integral Battery Backup (BSL310LP)							✓		✓		✓
Indirect/Direct											
Output S,B Single Circuit	✓		✓		✓		✓		✓		✓
Integral Battery Backup (BSL310LP)							✓		✓		✓
Output H,V Single Circuit			✓				✓				✓
Integral Battery Not Available	Remote Battery backup solution available. Consult factory for tailored lighting options.										
Output S,B,H,V Dual Circuit			✓				✓				✓
Integral Battery Not Available	Remote Battery backup solution available. Consult factory for tailored lighting options.										

EN/GEN sections available for all body lengths

DUAL FEED DETAIL



WIRING LEGEND		
Black	Hot	Line Voltage
White	Neutral	Line Voltage
Green	Ground	



WIRING LEGEND		
Pink	Dimming	0-10V DC
Purple	Dimming	0-10V DC
Orange	TW	0-10V DC
Blue	TW	0-10V DC

PHOTOMETRY

Apply a power adjustment factor to calculate wattage usage

POWER	CONVERSION FACTOR
	1.1X

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

Tunable White LUMINAIRES