

# 4" VersaLux LED Pendant

LED

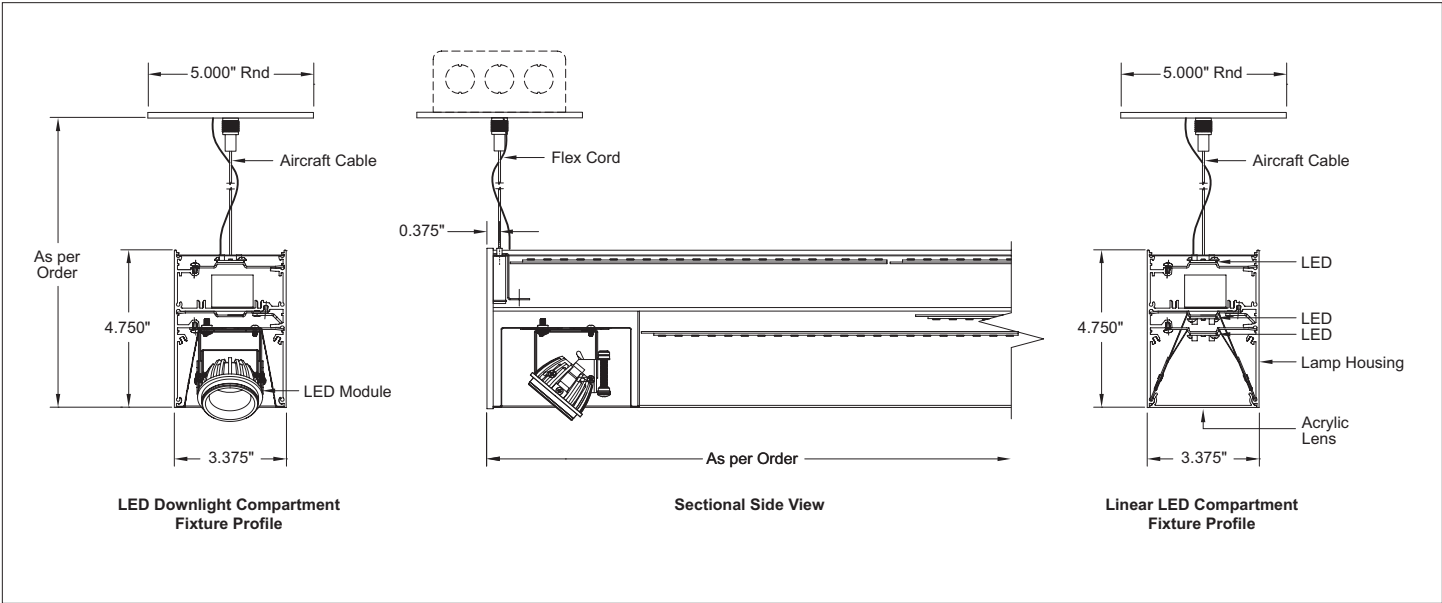


LED Linear Direct/Indirect Pendant with Open Aperture Adjustable LED Downlight Modules

PHA4

Job Name \_\_\_\_\_

Fixture Type \_\_\_\_\_



Qty	LED DOWNLIGHT					DIRECT				INDIRECT				Length <sup>(*)</sup>	(Finish)
	CRI	Color	Output	Dimming	Lens	CRI	Color	Output	Lens	CRI	Color	Output	Lens		
1	8 80+	27 2700K	S Std.	S Std. 0-10V 1%	S 25° Spot	8 80+	27 2700K	S Std.	DF Diffuser	8 80+	27 2700K	S Std.	CL Clear	S Std. 0-10V 1%	Nominal: 24 36 48 60 72 84 96 (see Page 2) Custom: Cxxx (in inches)
2	9 90+	30 3000K	H High	H ECO 1% <sup>(2)</sup>	F 40° Flood	9 90+	30 3000K	H High	D1 Drop 1/2"	9 90+	30 3000K	H High	BW Batwing	H ECO 1% <sup>(2)</sup>	
3		35 3500K	M Max.	D DALI 1%	D Diffuser		35 3500K	M Max.	BW Batwing		35 3500K	M Max.		D DALI 1%	
4		40 4000K	Custom: Specify Lumens <sup>(1)</sup>	P POE <sup>(1)</sup>	O Solite		40 4000K	Custom: Specify Lm/Ft <sup>(1)</sup>	LW Louver White		40 4000K	Custom: Specify Lm/Ft <sup>(1)</sup>		P POE <sup>(1)</sup>	
				W Wireless <sup>(1)</sup>	H Hexcel		TW 2700K-6500K		LS Louver Specular		TW 2700K-6500K			W Wireless <sup>(1)</sup>	

Product Code Example: PHA4-3D830SSO-L830HD1-830HBW-S-C120-W

Linear direct/Indirect pendant with open aperture LED downlight compartment(s). Linear direct portion utilizes high performance LED boards, flush snap-in diffusion lenses and full reflectors. Downlight module(s) utilize a high performance COB component and reflector behind a clear or frosted lens. Adjustable virtual pivot: 0-40°, 355° rotation.

### Features

- Starfire's proprietary EvenGlow™ system provides uniform illumination from end-to-end without lamp imaging, bright spots or shadows at any length
- Fixtures fabricated to any length without custom engineering
- Exceptional lumen per watt efficiency
- High efficiency, low cost, Tunable White option
- High performance snap-in lenses. Direct: flush diffusion, flush batwing, or drop with illuminated end caps, plus white or specular louver options. Indirect: choice of clear or batwing pattern
- Independent power and dimming of direct and indirect circuits
- Combine with welded corner Connectors to form small or large scaled patterns of uniform light

### Fixture Specifications

- Housing/Trim: Heavy-duty extruded aluminum
- Finish: White (std), custom available
- Weight: Approx. 4.8 lbs. per linear foot, plus 1.0 lbs. per downlight module
- UL Listed, (indoor non-condensing)
- Linear LED: Page 2, VDM: Download spec sheet

### Electrical

- Power consumption: Per specification based on LED configuration
- Input Voltage: 120-277V universal driver
- Ambient operating range: -4 °F to +100 °F
- Integral electronic drivers
- Integral wiring bus between fixture sections
- Drivers with full dimming range at any output choice
- Dimming: 0-10V 1% standard, contact factory for options

### Mounting

- Round canopies (std), square available. Consult factory for special ceiling conditions
- Aircraft cable (std), stem optional. Mounting location 0.375" from end of fixture.
- Contact factory for fixture lengths >96"

### Options (Consult factory)

- Occupancy sensor, daylight control module
- EM pack (Delivers 800+ total lumens for 90 mins). Specify length and location (+/- 2ft) at time of order

<sup>(1)</sup> Specify – Factory to confirm

<sup>(2)</sup> Minimum of two VDM modules per fixture



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# VersaLux LED Direct/Indirect Pendant with Open Aperture LED Downlight Modules

## PHA4

### LED Strip

High output edge-to-edge, end-to-end illumination

- Choice of lumen output levels:
  - S:** Standard
  - H:** High
  - M:** Maximum
  - C:** Custom (between 400 and 1000 Lm/Ft)
- LED Efficiency: Up to 160 Lm/Wt at Maximum output and 180 Lm/Wt at Standard power (at 80+ CRI)
- L70: 50,000+ hours at Maximum output
- 2700K, 3000K, 3500K, 4000K and Tunable White: 2700K-6500K
- CRI: 80+ or 90+
- Color Consistency: Equal or better than 3 SCDM with chip mixing
- 5 year limited warranty\*

### Fixture Dimensions

#### Fixture Overall Length

Nominal	Actual
24"	23.5"
36"	34.5"
48"	45.5"
60"	56.5"
72"	72"
84"	84"
96"	95"

#### Fixture Length Example:

For a nominal 36" length (34.5" exact): enter **36**  
 To order an exact 36" length: enter **C36**

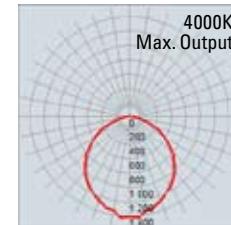
Consult factory for fixture installation dimensions

### Direct - Diffuser

Output Setting	80 CRI		4000K		3500K		3000K		2700K	
	Lm/Ft	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	
<b>S</b> Standard	<b>500</b>	3.89	128	3.97	125.9	4.14	120.8	4.69	106.7	
<b>H</b> High	<b>750</b>	6.09	123.1	6.22	120.5	6.5	115.4	7.5	100	
<b>M</b> Maximum	<b>1000</b>	8.5	117.7	8.68	115.2	9.09	110.1	10.71	93.3	

Performance for nominal 4 foot length or greater (Std. 6ft)

#### Direct: Diffuser

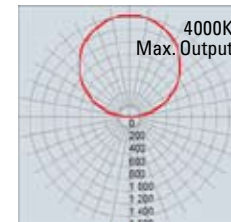


### Indirect - Clear Lens (Std.)

Output Setting	80 CRI		4000K		3500K		3000K		2700K	
	Lm/Ft	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	
<b>S</b> Standard	<b>490</b>	3.2	153.0	3.3	150.0	3.4	144.0	3.8	128.0	
<b>H</b> High	<b>800</b>	5.5	146.3	5.6	143.3	5.8	137.8	6.7	119.7	
<b>M</b> Maximum	<b>1100</b>	7.9	139.9	8.0	136.9	8.4	130.9	9.8	111.7	

Performance for nominal 4 foot length or greater (Std. 6ft)

#### Indirect: Clear

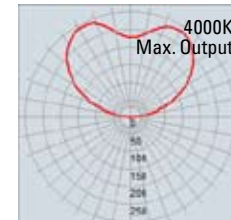


### Indirect - Batwing

Output Setting	80 CRI		4000K		3500K		3000K		2700K	
	Lm/Ft	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	
<b>S</b> Standard	<b>490</b>	3.7	132.5	3.8	129.9	2.0	127.8	4.4	110.4	
<b>H</b> High	<b>700</b>	5.5	129.5	5.6	125.4	5.8	120.2	6.7	104.7	
<b>M</b> Maximum	<b>1000</b>	8.2	124.1	8.4	119.0	3.9	124.7	10.3	96.7	

Performance for nominal 4 foot length or greater (Std. 6ft)

#### Indirect: Batwing



\* See Starfire website for Product Limited Warranty



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