

2" LED Pendant

LED

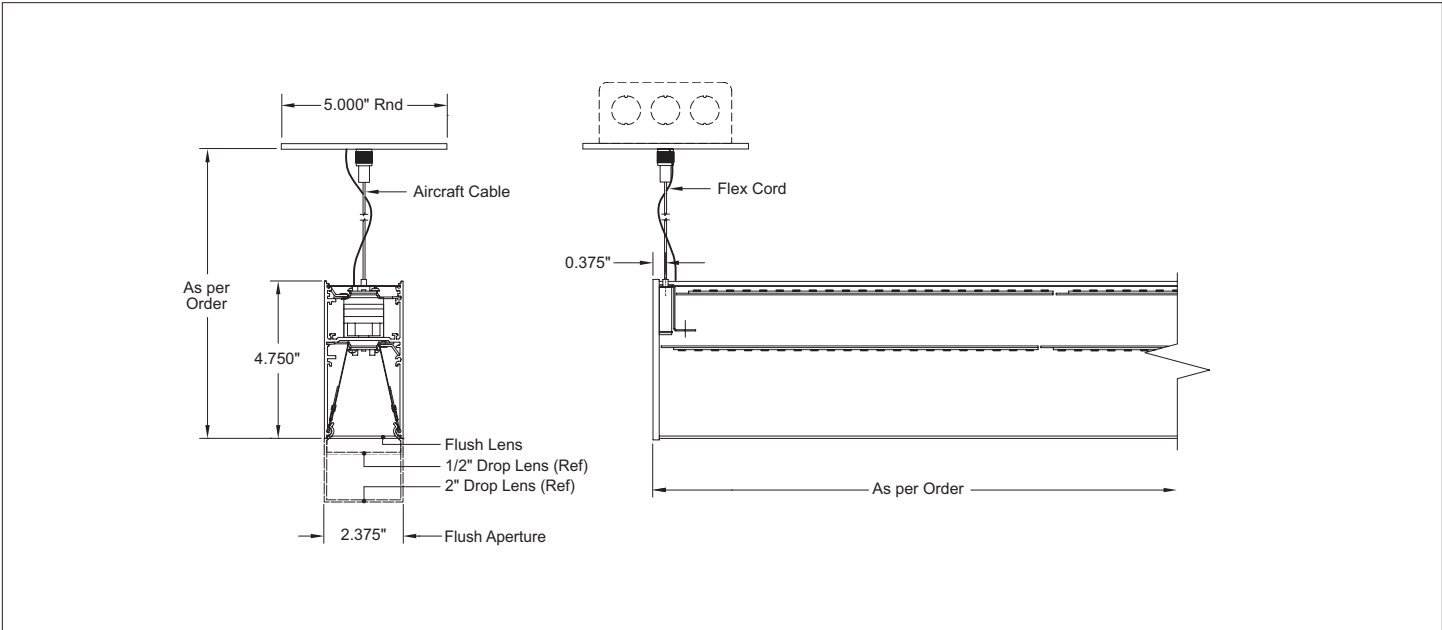


Linear LED Direct/Indirect Pendant
Flush Snap-in Lens

PH2

Job Name

Fixture Type



DIRECT					INDIRECT					
CRI	Color Temp	Output	Dimming	Lens	CRI	Color Temp	Output	Dimming	Lens	Length(*)
8 80+	27 2700K (90 CRI only)	S Standard	S Standard 0-10V 1%	DF Diffuser	8 80+	27 2700K (90 CRI only)	S Standard	S Standard 0-10V 1%	CL Clear (Std)	<i>Nominal:</i> 24 36 48 60 72 84 96 <i>(see Pg 2)</i> <i>Custom:</i> Cxxx <i>(in inches)</i>
9 90+	30 3000K	H High	L Lutron ⁽¹⁾	D1 Drop 1/2"	9 90+	30 3000K	H High	L Lutron ⁽¹⁾	D1 Drop 1/2"	
R RGB & RGBW	35 3500K	M Maximum <i>Custom: Specify Lm/Ft⁽¹⁾</i>	D DALI 1%	D2 Drop 2"	R RGB & RGBW	35 3500K	M Maximum <i>Custom: Specify Lm/Ft⁽¹⁾</i>	D DALI 1%	D2 Drop 2"	
	40 4000K	F Fixed <i>(for RGBs)</i>	P PoE ⁽¹⁾	AS Assymetric		40 4000K	F Fixed <i>(for RGBs)</i>	P PoE ⁽¹⁾	AS Assymetric	
	TW 2700K-6500K		W Wireless ⁽¹⁾	BW Batwing		TW 2700K-6500K		W Wireless ⁽¹⁾	BW Batwing	
	GB RGB Color		X DMX <i>(for RGBs)</i>	LS Louver Specular		GB RGB Color		X DMX <i>(for RGBs)</i>		
	G3 3000K RGBW					G3 3000K RGBW				
	G5 3500K RGBW					G5 3500K RGBW				

Product Code Example: PH2-L830SS-DF-830SS-CL-C120-W

Linear direct/indirect pendant utilizing high performance LED boards, flush snap-in acrylic lenses and full reflectors.

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, and RGB & RGBW options
- High performance snap-in lenses: flush diffusion, flush batwing, or drop with illuminated end caps, plus white or specular louver options
- 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. 4.3 lbs. per linear foot
- UL Listed, (indoor non-condensing)
- White LED specifications/photometry: Page 2
- Consult factory for RGB specifications

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
- RGB & RGBW Dimming: DMX only

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 in 4 ft segments. Delivers 800+ total lumens for 90 mins. Specify location (+/- 2ft) at time of order

⁽¹⁾ Specify – Factory to confirm



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starfirelighting.com

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F 201.438.9541

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2" LED Direct/Indirect Pendant

PH2

White LEDs

- Choice of lumen output levels: Standard, High, Maximum and Custom (between 200 and 1100 Lm/Ft) depending upon configuration, consult factory
- LED efficiency: Up to 160 Lm/Wt at Maximum output and 180 Lm/Wt at Standard power (at 80+ CRI)
- Proprietary in-house, ultra-tight Vf binned LEDs for uniform intensity
- Color consistency: Equal or better than 3 SCDM with chip mixing
- L70: 50,000+ hours at Maximum output
- 5 year limited warranty*

Direct

Diffuser

Output	80 CRI		4000K		3500K		3000K		2700K (90 CRI)	
	Lm/Ft	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	
Standard	400	3.4	119.0	3.4	116.7	3.6	112.0	4.0	99.4	
High	700	6.2	112.6	6.3	110.2	6.6	105.6	7.7	91.4	
Maximum	850	7.8	109.4	7.9	107.0	8.3	102.3	9.7	87.4	

1/2" Drop

Output	80 CRI		4000K		3500K		3000K		2700K (90 CRI)	
	Lm/Ft	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	
Standard	400	3.3	122.0	3.3	119.6	3.5	114.8	3.9	102.0	
High	700	6.1	115.6	6.2	113.2	6.5	108.4	7.4	94.0	
Maximum	850	7.6	112.4	7.7	110.0	8.1	105.2	9.4	90.0	

2" Drop

Output	80 CRI		4000K		3500K		3000K		2700K (90 CRI)	
	Lm/Ft	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	
Standard	400	2.7	147.3	2.8	144.4	2.9	138.7	3.2	123.8	
High	700	5.0	140.8	5.1	138.0	5.3	132.3	6.0	115.8	
Maximum	850	6.2	137.6	6.3	134.8	6.6	129.0	7.6	111.8	

Batwing

Output	80 CRI		4000K		3500K		3000K		2700K (90 CRI)	
	Lm/Ft	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	
Standard	400	3.1	131.1	3.1	128.5	3.2	123.4	3.6	109.8	
High	700	5.6	124.7	5.7	122.1	6.0	117.0	6.9	101.8	
Maximum	850	7.0	121.5	7.1	118.9	7.5	113.8	8.7	97.8	

Indirect

Clear

Output	80 CRI		4000K		3500K		3000K		2700K (90 CRI)	
	Lm/Ft	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	
Standard	400	2.6	154.9	2.6	151.9	2.7	145.9	3.1	130.4	
High	700	4.7	148.5	4.8	145.5	5.0	139.5	5.7	122.4	
Maximum	1100	7.9	19.9	8.0	136.9	8.4	10.9	9.8	111.7	

Batwing

Output	80 CRI		4000K		3500K		3000K		2700K (90 CRI)	
	Lm/Ft	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	
Standard	400	3.3	121.7	3.4	119.3	3.5	114.5	3.9	101.7	
High	700	6.1	115.2	6.2	112.9	6.5	108.1	7.5	93.7	
Maximum	850	7.6	112.0	7.8	109.6	8.1	104.9	9.5	89.7	

Performance data for nominal 4 foot lengths or greater

* See Starfire website for Product Limited Warranty



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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 Ordering Example:

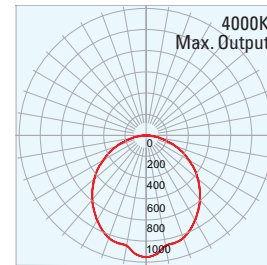
For a nominal 36" length (34.5" exact): enter **36**

To order an exact 36" length: enter **C36**

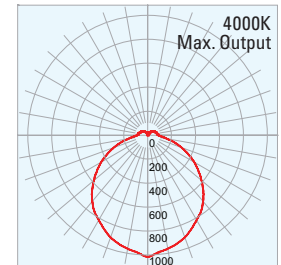
Contact factory for fixture installation dimensions

Direct

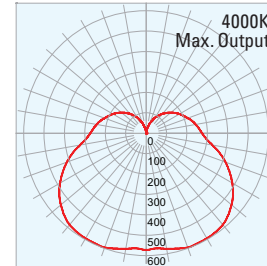
Diffuser



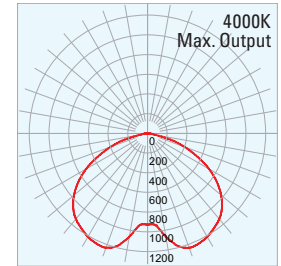
1/2" Drop



2" Drop

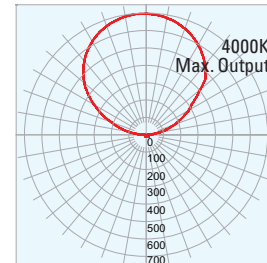


Batwing

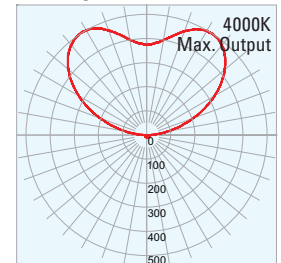


Indirect

Clear



Batwing



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