4" LED Low Profile Indirect Pendant

LED

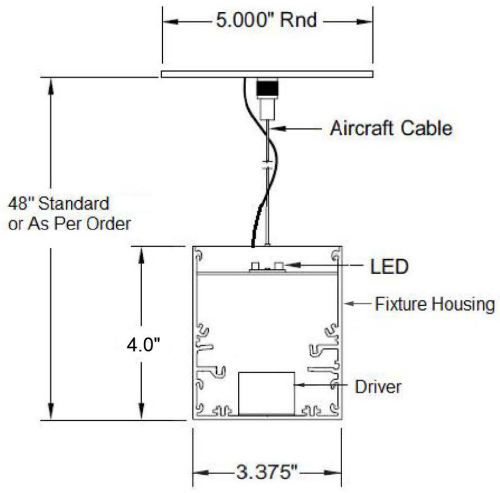


Linear LED Low Profile Indirect Pendant with Snap-In Lens and Internal Driver

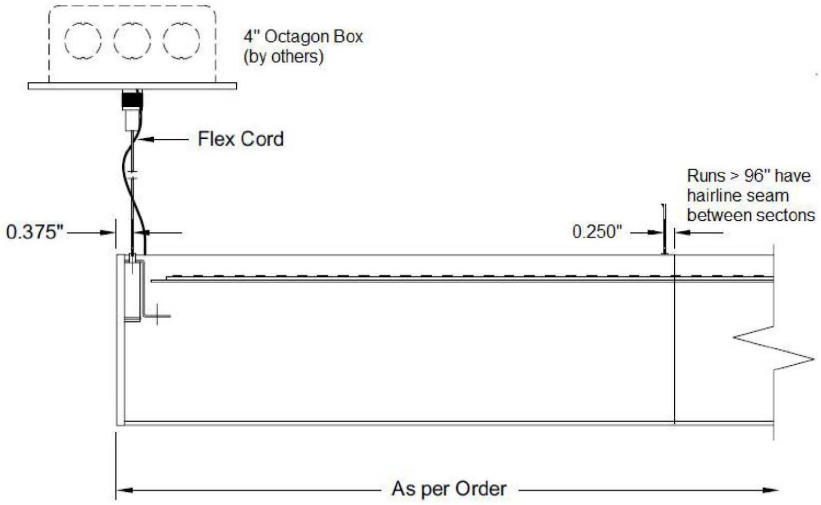
PU4-LO

Job Name

Fixture Type



Fixture Profile



Sectional Side View

PU4-LO- [INDIRECT] [Fixture]

CRI	Color Temperature	Output	Dimming	Lens	Fixture Length	Fixture Color
8 80+ **9** 90+ **R** RGB & RGBW	**27** 2700K *(90CRI only)* **30** 3000K **35** 3500K **40** 4000K **TW** Tunable White (1)(2) **DW** Dim-to-Warm (1)(2) **GB** RGB **G3** RGBW 3000K **G5** RGBW 3500K	**S** Standard **H** High **M** Maximum *Custom: Specify Lm/Ft* (3) **F** Fixed *(for RGBs)*	**S** Std. 0-10V 1% **O** Dim-to-Off (1)(2) **L** Lutron 1% (3) **D** DALI 1% **P** PoE (3) **2** Wire *(phase-cut)* **T** Step *(10%-70%)* **W** Wireless (3) **X** DMX *(RGBs)*	**CL** Clear (Std.) **DF** Diffusion **E1** Extended 1/2" **AS** Asymmetric **BW** Batwing **LS** Louver Specular	*Nominal:* **24** **36** **48** **60** **72** **84** **96** *(see Pg 2)* *Custom:* **Cxxx** *(in inches)*	**W** White (std) **B** Black **C** *Custom: Specify RAL#*

[Mounting]

Suspension	Hanging Length	Canopy Type	Canopy Color
CW Cable with White SJ **CB** Cable with Black SJ (3) **ST** Stem no SJ	**48"** (Cable std) **24"** (Stem std) *Custom Length:* *(in inches)*	**R5** 5" Round, Std. **R2** 2" Round* **S5** 5" Square **S2** 2" Square* **(Non Power Feed Locations Only)*	**W** White, Std. **B** Black *Custom Color: Specify R or S + RAL#*

Linear low profile indirect pendant utilizing high performance LED boards and lenses. Extruded aluminum housing with internal driver.

Product Code Example: **PU4-LO-830HS-CL-C120-W-CW48-R5W**

(1) 90CRI, 2700K-6500K std., others available. Specify CCT range
(2) 0-10V Control, std., others available – Specify (factory to confirm)
(3) Specify - Factory to confirm

STARFIRE LIGHTING, INC.
7 Donna Drive, Wood-Ridge, NJ 07075
starfirelighting.com

P 201.438.9540
F 201.438.9541

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4" LED Indirect Low Profile Pendant - Snap-In Lens with Internal Driver

PU4-LO

Features

- Starfire's proprietary EvenGlow™ system provides uniform lens 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, Dim-to-Warm, and RGB & RGBW options.
- High performance lenses in clear (std), diffusion, asymmetric, batwing distribution plus louvered specular and extended lenses.
- Combine with welded corner Connectors to form small or large scaled patterns of uniform light.

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 length >96".

Fixture Specifications

- Housing/Trim: Heavy-duty extruded aluminum.
- Finish: White (std), custom available.
- Weight: Approx. 3.3 lbs. per linear foot
- UL Listed, (indoor non-condensing)
- 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.
- Internal 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/W utilizes external Power Supply and DMX Decoder, capable of driving multiple fixture segments.

Options (Consult Factory)

- Occupancy sensor, daylight control module.
- EM battery pack in 4ft segments. Delivers 1000+ total lumen for 90 mins (depending upon configuration). Specify location. (Not for use with RGBs).
- BAA/BABA compliance for some configurations – factory to advise.

White LED specifications/photometry: Page 3

Consult factory for RGB

Linear White LEDs

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

- Choice of lumen output levels: **S**: Standard, **H**: High, **M**: Max. **C**: Custom (between 200 and 1100 Lm/Ft) depending upon configuration.
- **High Output option***: Up to 1800 Lm/Ft, 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.
- Tunable Range: 2700K-6500K, other ranges available.
- Dim-to-Warm – Warm range down to 1800K.
- L70: 50,000+ hours at Maximum output.
- 5 year limited warranty***

Fixture Dimensions

Fixture Overall Length

Nominal	Actual
24"	23.5"
36"	34.5"
48"	45.5"
60"	56.5"
72"	72.0"
84"	84.0"
96"	95.0"

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

* Consult factory for High Output White channel 1200+ Lm/Ft

** Does not apply to Tunable White

*** See Starfire website for Product Limited Warranty

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PU4-LO

White LED Specifications

Clear (Std.) – White LEDs

80 CRI		4000K		3500K		3000K		2700K (90 CRI)	
Output Setting	**Lm/Ft**	**Wt/Ft**	**Lm/Wt**	**Wt/Ft**	**Lm/Wt**	**Wt/Ft**	**Lm/Wt**	**Wt/Ft**	**Lm/Wt**
S Standard	**500**	3.2	158.1	3.3	153.7	3.3	149.3	3.6	138.5
H High	**750**	4.8	154.7	5.0	150.3	5.1	145.9	5.6	134.4
M Maximum	**1100**	7.3	150.0	7.6	145.5	7.8	141.1	8.5	128.7

LV6

Diffusor – White LEDs

80 CRI		4000K		3500K		3000K		2700K (90 CRI)	
Output Setting	**Lm/Ft**	**Wt/Ft**	**Lm/Wt**	**Wt/Ft**	**Lm/Wt**	**Wt/Ft**	**Lm/Wt**	**Wt/Ft**	**Lm/Wt**
S Standard	**500**	3.7	133.6	3.9	129.8	4.0	126.0	4.3	116.6
H High	**750**	5.8	130.2	5.9	126.4	6.1	122.6	6.7	112.5
M Maximum	**1000**	7.9	126.8	8.1	123.0	8.4	119.2	9.2	108.5

LV6

1/2" Extended Lens – White LEDs

80 CRI		4000K		3500K		3000K		2700K (90 CRI)	
Output Setting	**Lm/Ft**	**Wt/Ft**	**Lm/Wt**	**Wt/Ft**	**Lm/Wt**	**Wt/Ft**	**Lm/Wt**	**Wt/Ft**	**Lm/Wt**
S Standard	**500**	3.6	138.8	3.7	134.9	3.8	131.0	4.1	121.2
H High	**750**	5.5	135.4	5.7	131.5	5.9	127.6	6.4	117.2
M Maximum	**1000**	7.6	132.0	7.8	128.1	8.1	124.2	8.8	113.1

LV6

Batwing – White LEDs

80 CRI		4000K		3500K		3000K		2700K (90 CRI)	
Output Setting	**Lm/Ft**	**Wt/Ft**	**Lm/Wt**	**Wt/Ft**	**Lm/Wt**	**Wt/Ft**	**Lm/Wt**	**Wt/Ft**	**Lm/Wt**
S Standard	**500**	4.1	123.2	4.2	119.7	4.3	116.2	4.7	107.4
H High	**750**	6.3	119.8	6.5	116.3	6.6	112.8	7.3	103.3
M Maximum	**1000**	8.6	116.4	8.9	112.9	9.1	109.4	10.1	99.2

LV6

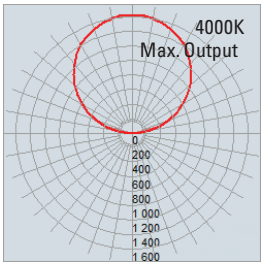
Asymmetric – White LEDs

80 CRI		4000K		3500K		3000K		2700K (90 CRI)	
Output Setting	**Lm/Ft**	**Wt/Ft**	**Lm/Wt**	**Wt/Ft**	**Lm/Wt**	**Wt/Ft**	**Lm/Wt**	**Wt/Ft**	**Lm/Wt**
S Standard	**500**	3.8	132.5	3.9	128.8	4.0	125.0	4.3	115.7
H High	**750**	5.8	129.1	6.0	125.4	6.2	121.6	6.7	111.6
M Maximum	**1000**	8.0	125.7	8.2	121.9	8.5	118.2	9.3	107.5

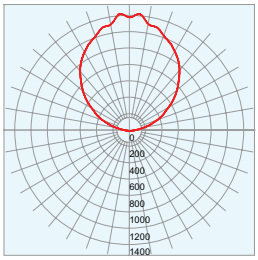
LV6

Photometrics

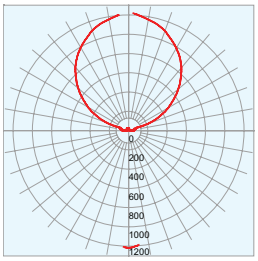
Clear



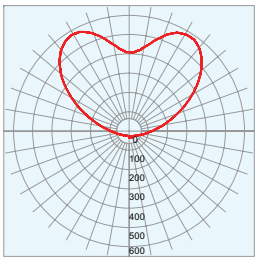
Diffuser



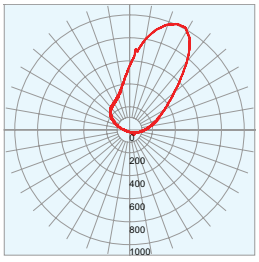
1/2" Extended



Batwing



Asymmetric



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