

# 2" LED Curve Pendant – Direct/Indirect

LED

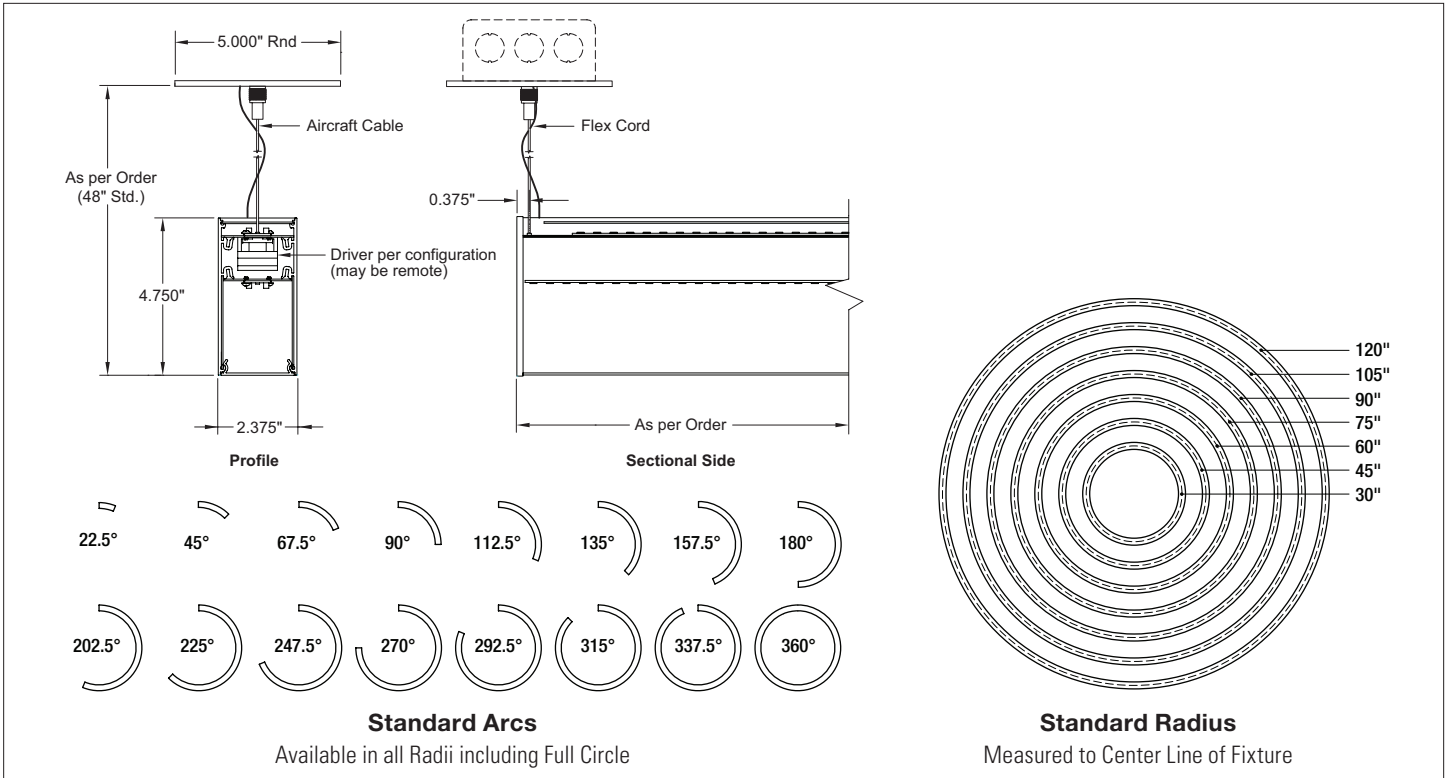


LED Curve Pendant – Direct/Indirect with Flush Snap-in Lens

CPH2

Job Name

Fixture Type



## Curve Pendant Segment Order Guide

DIRECT			INDIRECT						
CRI	Color Temp	Output	CRI	Color Temp	Output	Dimming	Radius (")	Arc (°)	Segment
8 80+ 9 90+ R RGB & RGBW	27 2700K (90 CRI only) 30 3000K 35 3500K 40 4000K TW 2700K - 6500K GB RGB Color G2 2700K RGBW G3 3000K RGBW G4 4000K RGBW	S Standard H High M Maximum Custom: Specify Lm/Ft <sup>(1)</sup> F Fixed for RGB & RGBW	8 80+ 9 90+ R RGB & RGBW	27 2700K (90 CRI only) 30 3000K 35 3500K 40 4000K TW 2700K - 6500K GB RGB Color G2 2700K RGBW G3 3000K RGBW G4 4000K RGBW	S Standard H High M Maximum Custom: Specify Lm/Ft <sup>(1)</sup> F Fixed for RGB & RGBW	S Std. 0-10V 1% L Lutron <sup>(1)</sup> D DALI 1% P PoE <sup>(1)</sup> W Wireless <sup>(1)</sup> X DMX for RGBs	30, 45, 60, 75, 90, 105, 120 Custom: (12" & Up)	22.5, 45, 67.5, 90, 112.5, 135, 157.5, 180, 202.5, 225, 247.5, 270, 292.5, 315, 337.5, 360 Custom: Cxxx	B Beginning M Middle E End S Stand alone

## Linear Pendant Segment Order Guide (if needed)

Product Code Example: CPH2-L830HS-830HS-30-45-B-W

DIRECT			INDIRECT					
CRI	Color Temp	Output	CRI	Color Temp	Output	Dimming	Length (")	Segment
8 80+ 9 90+ R RGB & RGBW	27 2700K (90 CRI only) 30 3000K 35 3500K 40 4000K TW 2700K - 6500K GB RGB Color G2 2700K RGBW G3 3000K RGBW G4 4000K RGBW	S Standard H High M Maximum Custom: Specify Lm/Ft <sup>(1)</sup> F Fixed for RGB & RGBW	8 80+ 9 90+ R RGB & RGBW	27 2700K (90 CRI only) 30 3000K 35 3500K 40 4000K TW 2700K - 6500K GB RGB Color G2 2700K RGBW G3 3000K RGBW G4 4000K RGBW	S Standard H High M Maximum Custom: Specify Lm/Ft <sup>(1)</sup> F Fixed for RGB & RGBW	S Std. 0-10V 1% L Lutron <sup>(1)</sup> D DALI 1% P PoE <sup>(1)</sup> W Wireless <sup>(1)</sup> X DMX for RGBs	Nominal: 24 36 48 60 72 84 96 (see Page 2) Custom: Cxxx (in inches)	B Beginning M Middle E End S Stand alone

Product Code Example: PH2-CL830H-830HS-C120-B-W

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



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# LED Direct/Indirect Curve Pendant – Flush Snap-in Lens

## CPH2

LED Direct/Indirect Curve Pendants easily join with our linear direct/indirect pendants to create virtually any illuminated shape or pattern. Curve pendants utilize high performance LED boards and flush snap-in diffusion lenses in the direct compartment. Clear lenses standard for indirect.

### Features

- Starfire's proprietary EvenGlow™ system provides uniform illumination from end-to-end without lamp imaging, bright spots or shadows
- Seven standard radii from 30°–120°
- Custom radii from 12" and up
- Small standard arc increments 22.5°–360° allow for the creation of virtually any curved shape
- Custom arcs at any angle
- Seamlessly joins to Starfire 2" linear direct/indirect pendants and X, T, & L shaped pendant connectors with matching lens illumination and dimming
- Exceptional lumen per watt efficiency
- High efficiency, low cost, Tunable White option and RGB & RGBW options

### Fixture Specifications

- Housing/Trim: Heavy-duty extruded aluminum
- Finish: White (std), custom available
- Weight: Approx. 4.3 lbs. per linear foot
- Consult factory for RGB specifications
- UL Listed, (indoor non-condensing)

### 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 (may be external depending upon radius and driver type. Consult factory)
- Integral wiring bus between fixture sections
- Drivers with full dimming range at any output choice
- 1% Dimming: 0-10V standard (included), consult factory for other options

### Mounting

- Round canopies (std), square available. Contact factory for special ceiling conditions
- Cable mounting location 0.375" from end of fixture
- Consult factory for multi-segment fixtures

### Options (Consult factory)

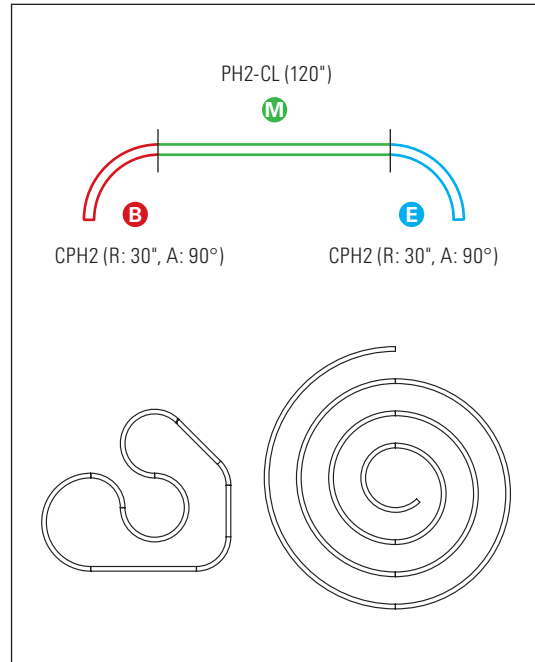
- Occupancy sensor, daylight control module
- EM pack in 4ft segments. Delivers 800+ total lumens for 90 mins. May be remote in tight radius curves, consult factory
- Wireless controls

### White LED Strip

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

- Choice of lumen output levels: Standard, High, Maximum and Custom (between 200 and 850 Lm/Ft)
- 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
- 2700K, 3000K, 3500K, 4000K, and TW: 2700K-6500K
- CRI: 80+ or 90+
- Color consistency: Equal or better than 3 SCDM with chip mixing
- L70: 50,000+ hours at Maximum output
- 5 year limited warranty\*

### Multi-Segment Examples



### Segment Key

- B** Beginning - Starts with End Cap
- M** Middle - No End Cap
- E** End - Ends with End Cap
- S** Stand Alone - Ends Cap both Ends

BEGINNING to END is always clockwise on a segment

### Straight Segment Overall Length

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

Consult factory for fixture installation dimensions

### Curve Segment Efficacy

White LED Strip

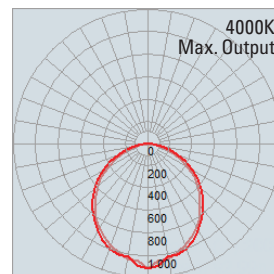
#### Direct - Diffusion Lens

	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
<b>S</b> Standard	400	4.2	96.1	4.2	94.2	4.4	90.3	5.0	79.6
<b>H</b> High	700	7.8	89.7	8.0	87.7	8.3	83.9	9.8	71.6
<b>M</b> Maximum	800	9.1	87.5	9.3	85.6	9.8	81.8	11.6	68.9

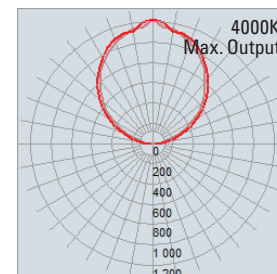
#### Indirect - Clear Lens

	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
<b>S</b> Standard	400	2.6	154.9	2.6	151.9	2.7	145.9	3.1	130.4
<b>H</b> High	700	4.7	148.5	4.8	145.5	5.0	139.5	5.7	122.4
<b>M</b> Maximum	1100	7.9	139.9	8.0	136.9	8.4	130.9	9.8	111.7

#### Direct - Diffusion Lens



#### Indirect - Clear Lens



\* See Starfire website for Product Limited Warranty



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