

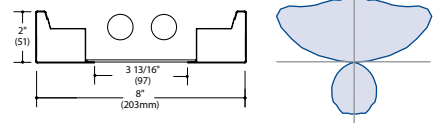
# Sector Pendant Indirect/Direct

Fixture Type:

Project Name:

## Ordering Guide

Feature	Code	Options	Description
<b>Series</b>		61	Sector
<b>Mounting</b>		P	Pendant
<b>Fixture distribution</b>		ID	Indirect/Direct
<b>Row length (in feet)</b>		----	Enter in foot increments. Note fixture lengths below.
<b>Max length in row</b>		04 08	4', 1219mm 8', 2438mm
<b>Downlight diffuser</b>		BW SGL	Blade Baffle Soft Glow Lens
<b>Finish/Color</b>		C1 C2 C3 C4 C5 C6 CC	CWM-Matte White TCWM-Textured, Matte White CSL-Light Silver CMA-Machined Aluminum CCB-Carbon Black TCBC-Textured, Camera Black CXY-Custom Color
<b>Lamping</b>		1T8 2T8 3T8 1T5 2T5 3T5 1T5HO 2T5HO 3T5HO	1-Light T8 Lamping 2-Light T8 Lamping 3-Light T8 Lamping 1-Light T5 Lamping 2-Light T5 Lamping 3-Light T5 Lamping 1-Light T5HO Lamping 2-Light T5HO Lamping 3-Light T5HO Lamping
<b>Ballast (non-dimming T5/HO)</b>		NPN	Electronic, program-start
<b>Ballast (non-dimming T8)</b>		NIN NPN NIL NPL NIH NPH	Electronic Electronic, program-start Electronic, low-wattage Electronic, low-wattage, program-start Electronic, high light output Electronic, high light output, program-start
<b>Ballast (dimming)</b>		010V LVD DALI LLS	0-10V Dimming Line Voltage Dimming Dali System Light Level Switching 50/100 See <i>Ballast</i> section for additional dimming ballast options
<b>Circuiting</b>		1C 2C AC AF	1 Circuit 2 Circuit-In Board/ Out Board Alternate Lamp Compartment Switch Alternate Fixture Switching
<b>Voltage</b>		UNV 120 277 347	Universal Voltage 120 Volt 277 Volt 347 Volt
<b>Suspension kit</b>		FA1 FA2 FA3 FA4	Suspension Kit, 51" Suspension Kit, 87" Suspension Kit, 219" Suspension Kit, 363" *Add suffix /V to replace all 2" non-feed canopy covers with 5" canopy covers. FA1/V = 51" suspension kit w/5" canopies.



## Key Features

- T8-specific design
- 1, 2 or 3-lamp options

CS™ Control Solutions available

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61-P

# Sector Pendant Indirect/Direct

## Ordering Guide (continued)

Optional Features	Code	Options	Description
<b>Nightlight</b>		_NL	Nightlight Circuit Required. Enter quantity. 2NL = 2 nightlight circuits/row
<b>Emergency</b>		_EF	Emergency Battery Required. Enter quantity. 2EF = 2 emergency batteries/row
<b>Thru-wiring</b>		W1 W2 W3 W4	No Thru Wire Provide Normal and Emergency Thru Wiring* Provide Normal Thru Wiring Only Provide Emergency Thru Wiring Only *Only applicable when specified with emergency
<b>Sensors</b>		_SD1	Daylight Sensor Required. Enter quantity. 2SD1 = 2 daylight sensors/row
<b>Data connection</b>		_DCF	Data connection cables required. Enter quantity. 2DCF = 2 cables/row
<b>Distribution options</b>		L2 L4 CV	Perf cover-20% uplight Perf cover-35% uplight Solid cover, 100% Down
<b>Fuse</b>		F	Fuse

# Sector Pendant Indirect/Direct

## Details

### Construction:

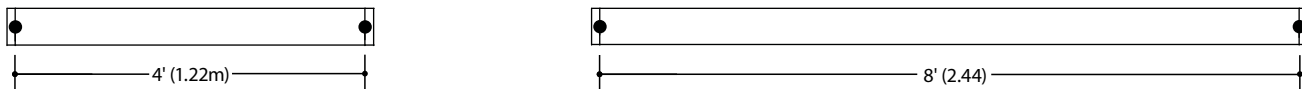
Housing-steel  
End caps-flat. Two fasteners on each end cap provide attachment to end of fixtures and rows.

### Mounting:

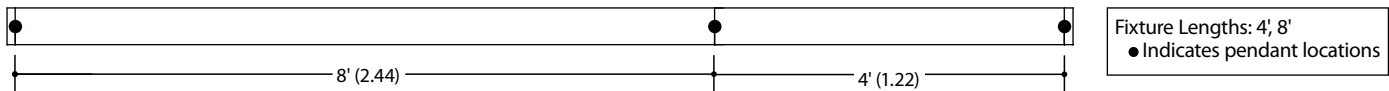
#### Suspension Mounting Locations

Pendant locations at ends of rows. Yoke with field adjustable aircraft cable attach directly to the end header at fixture end or row joint. Allows for horizontal adjustment to "fine-tune" side-to-side leveling.

#### Individual Fixture



#### Row Mounting



### Distribution:

75/25 (nominal) indirect/direct.

### Downlight diffuser:

BW-White blade baffle  
SGL-Soft diffuse acrylic lens.

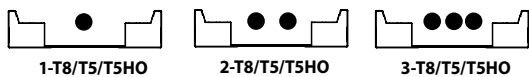
### Finish/Color:

Visit [www.litecontrol.com/finishes](http://www.litecontrol.com/finishes) for details.

### Lamping:

Available in one, two or three-lamp T8/T5/T5HO cross-sections. Lamps are accessed/removed from above without removal of diffuser.

#### Cross-section lamping



### Ballast:

Low-profile electronic ballast (ELB/PS), high power factor, thermally protected Class P, Sound Rated A, less than 10% THD, manufactured by a UL Listed manufacturer, as available, determined by Litecontrol. Ballasts with a voltage range of 120 to 277 will be used when fixture configuration and ballast availability allow. The minimum number of ballasts will be used.

#### Additional Dimming Ballast Options:

LE30	Lutron EcoSystem-3 Wire	(Normal Ballast Factor)
LEH0	Lutron EcoSystem-H Series	(Normal Ballast Factor)
LEH7	Lutron EcoSystem-H Series	(High Ballast Factor)
LEI0	Lutron EcoSystem-Intelligent	(Normal Ballast Factor)
LH3D	Lutron HiLume 3D-3 Wire	(Normal Ballast Factor)
LH37	Lutron HiLume 3D-3 Wire	(High Ballast Factor)
LHHL	Lutron HiLume-Traditional	(Normal Ballast Factor)
LHID	Lutron HiLume-3D Intelligent	(Normal Ballast Factor)
LHI7	Lutron HiLume-3D Intelligent	(High Ballast Factor)

### Circuiting:

1C (1 Circuit) Fixture wired for a single circuit.  
2C (2 Circuit) Inline lamps are switched separately.  
AC (alternate lamp compartment switching) Fixtures wired so every other lamp section can be separately switched/dimmed  
AF (alternate fixture switching) Fixtures wired so every other fixture segment can be separately switched/dimmed

### Suspension Kit:

3/64" diameter field-adjustable aircraft cable. Ship separately. Suspension required at every row joint. Low profile yoke style limits visibility while providing maximum horizontal balance adjustment. Mounting points are exactly 36", 48", 72" & 96" (3',4',6',8' fixture lengths respectively)

### Nightlight:

See separate LC-Nightlight spec sheet for additional details.

### Emergency:

Battery-powered ballast from a listed manufacturer will operate one lamp for 90 minutes.

### Thru wiring:

See separate LC-Thruwire spec sheet for additional details.

### Sensors:

Daylight sensor only (Wattstopper part# FD301). Installs between diffusers. See separate LC-Controls spec sheet for additional details.

### Data Connection:

Lutron EcoSystem data feed

### Fuse:

Slow or fast blow; determined by Litecontrol.

# Sector Pendant Indirect/Direct

## Details (continued)

### Distribution Options:

- No top cover, fixture provides approximately 65% up and 35% down light.
- CV Top cover that provides 100% down light.
- PFCV20 Perforated top cover, fixture provides approximately 20% up and 80% down light.
- PFCV35 Perforated top cover, fixture provides approximately 35% up and 65% down light.

Consult photometric data and IES files for detailed performance data of various configurations. See table at left for summary data.

**Note:** The top covers extend slightly above (0.143 in) the height of the fixture housing and may be visible from the end of the fixture with the standard end cap installed. A special end cap with a raised center section is available if desired; please contact the factory for details.

Distribution Option	Uplight	Downlight	Efficiency
No Cover	67%	33%	92%
Solid Cover (CV)	0%	100%	73%
Perforated Cover (PFCV20)	19%	81%	69%
Perforated Cover (PFCV35)	30%	70%	73%

Based on photometric simulations of 1-lamp fixture with BW baffle.  
In-field performance may vary.

### Canopy covers:

Non-feed-2" diameter (unless 5" non-feed cover is specified). Feed-5" diameter.

### Feed cord:

3-wire, 5 amps max; 4-wire, 7 amps max; 5-wire, 5 amps max.

### Ratings:

UL listed for damp locations. IBEW. AF of L.

### Warranty:

1 year  
see [www.litecontrol.com](http://www.litecontrol.com) for details

## Sector Pendant Indirect/Direct

### Photometry

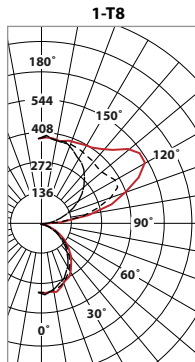
**Fixture:** 61-P-ID-04-SGL-CX-1T8

**Lamping:** 1-T8

**Efficiency:** 93%

**Distribution:** 69/31

**Test report:** Photopia simulation



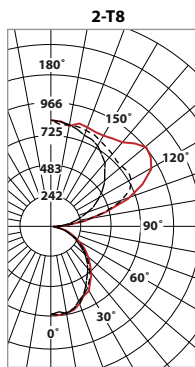
**Fixture:** 61-P-ID-04-SGL-CX-2T8

**Lamping:** 2-T8

**Efficiency:** 91%

**Distribution:** 66/34

**Test report:** Photopia simulation



**Fixture:** 61-P-ID-04-SGL-CX-3T8

**Lamping:** 3-T8

**Efficiency:** 89%

**Distribution:** 63/37

**Test report:** Photopia simulation

