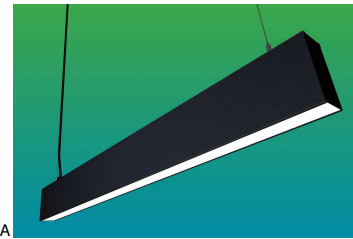


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**Application Features**

Designed for interior suspension mounting applications, this LED fixture is ideal for creating a modern, minimalistic architectural style for illuminating working or living spaces such as cafeterias, libraries, offices, and multipurpose rooms. Available in nominal 2', 4', and 8' lengths, luminaire can be specified to include connection points for row-mounting. A subtle uplighting option also available.



CL-LCHNL-PS-41-WA

**Specifications**

**Optics**

Standard diffuser is a lighting white opalescent high-impact acrylic lens designed for even, low-glare illumination.

**Mounting**

Knock-outs and studs provided for stem, aircraft cable or pendant mounting, along with power feed cable. Continuous row mounting-capable option available.

**Construction**

CNC fabricated code gauge steel housing and ends, spot-welded together for rigidity and clean appearance.

**Finish**

Post powder-coated housing. Semi-gloss white standard.

**Electrical**

CSA/cUL approved electronic components. Long-life LEDs paired to high-efficiency drivers rated to deliver L80 performance for 50,000 hours. Drivers are 0-10V dimming-capable.

**Approvals**

Approved to CSA and cUL standards. Suitable for indoor dry locations.

**Warranty**

5-year limited warranty on LED components. For complete warranty terms, visit: <http://www.customlightingltd.com/resources>



**Features**

- Energy-saving configurations up to 156 lm/W
- 80+ CRI standard
- 0-10V low voltage dimming standard
- 5000K colour temperature standard
- 120V / 277V / 347V / 480V configurations

**Options & Adders**

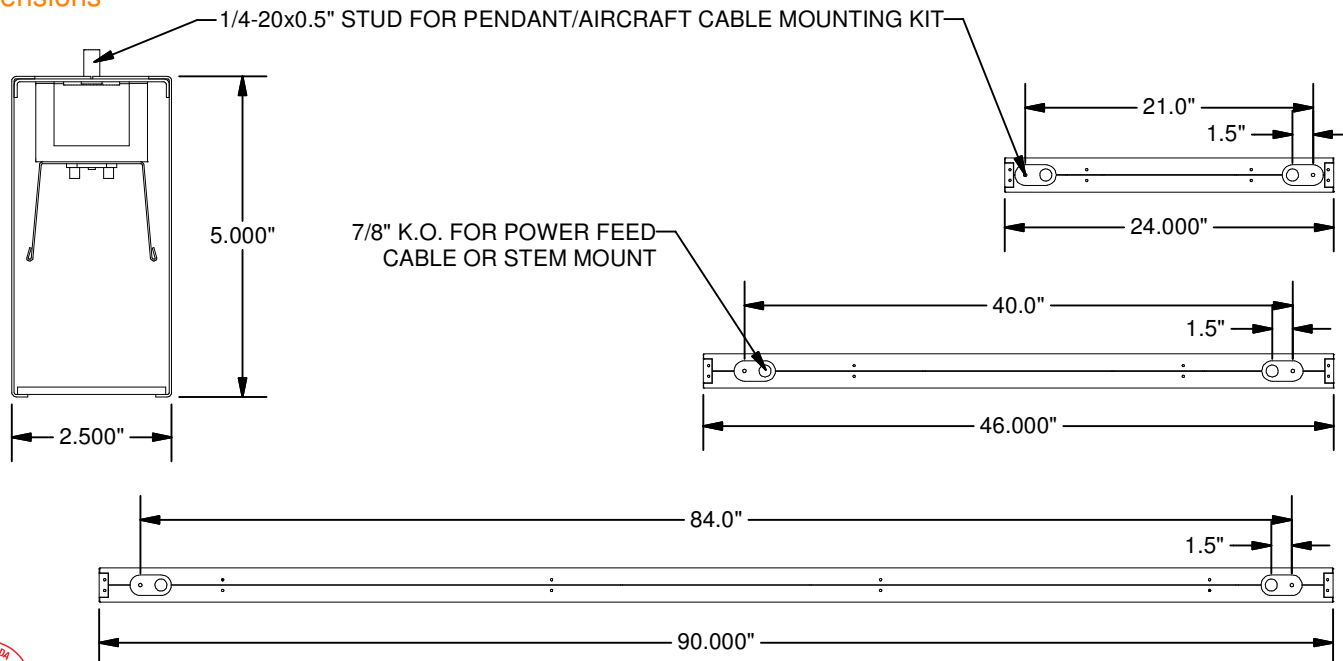
- Occupancy sensor
- Uplighting (5%)
- Row mounting capability
- Finishes in multiple colours / textures
- 3000K / 3500K / 4000K colour temperature

**Applications**

- Cafeterias
- Libraries
- Offices
- Classrooms
- Multipurpose Areas

INDOOR SUSPENSION LIGHTING LED

**Dimensions**



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**CL-LCHNL**  
**LED Suspended Decorative**  
 Premium-Grade Suspended Decorative Channel Luminaire

**Photometrics**

Please visit [www.customlightingltd.com](http://www.customlightingltd.com) for photometric reports and IES files.

**Performance**

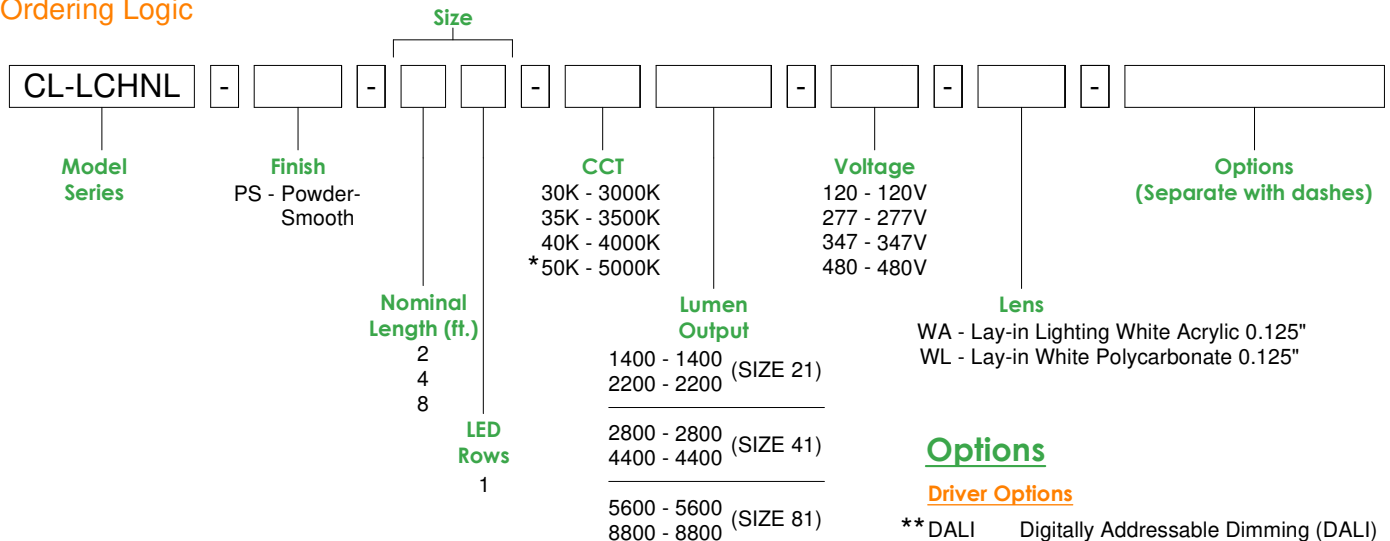
Size	Light Engine Lumens	3000K		3500K		4000K		5000K	
		Power (W)	Efficiency (lm/W)	Power (W)	Efficiency (lm/W)	Power (W)	Efficiency (lm/W)	Power (W)	Efficiency (lm/W)
21	1400	14	102	13	106	13	112	13	112
21	2200	16	136	16	141	15	143	15	145
41	2800	25	111	24	116	23	123	23	123
41	4400	31	143	30	148	29	151	29	155
81	5600	48	116	46	121	44	128	44	128
81	8800	61	145	58	150	57	154	56	156

**NOTE:** Values based on 120V<sub>ac</sub> and 25°C ambient temperature.

Lens transmission rate is not included in values shown.

INDOOR SUSPENSION LIGHTING LED

**Ordering Logic**



**Example:**

**CL-LCHNL-PS-41-50K4400-120-WA**

**Options**

**Driver Options**

\*\* DALI Digitally Addressable Dimming (DALI)

**Packaging Options**

30PK Full Pallet Pack (30 pcs.)

**Finish Options (Standard: Semi-gloss White)**

MB Matte Black  
 TXW Textured White  
 TXB Textured Black  
 \*\* PXX Other: \_\_\_\_\_

**Ganging Options**

ROW Row Mounting  
 IND 5% Indirect Uplighting

\* Standard configuration.

\*\* Consult factory.

**Mounting Accessories (Order Separately - Two Required per Fixture)**

- RAI-AC-S-3 Adjustable 1/16" Aircraft Cable Suspension - Solid Ceiling, 3' or less
- RAI-AC-S-6 Adjustable 1/16" Aircraft Cable Suspension - Solid Ceiling, 6' or less
- RAI-AC-S-10 Adjustable 1/16" Aircraft Cable Suspension - Solid Ceiling, 10' or less
- RAI-AC-T-3 Adjustable 1/16" Aircraft Cable Suspension - T-Bar Ceiling, 3' or less
- RAI-AC-T-6 Adjustable 1/16" Aircraft Cable Suspension - T-Bar Ceiling, 6' or less
- RAI-AC-T-10 Adjustable 1/16" Aircraft Cable Suspension - T-Bar Ceiling, 10' or less

**Power Feed Accessories (Order Separately - One Required per Fixture)**

- RAI-PF-K-3-W 14/3 STJW Power Feed Kit - White, 3'
- RAI-PF-K-6-W 14/3 STJW Power Feed Kit - White, 6'
- RAI-PF-K-10-W 14/3 STJW Power Feed Kit - White, 10'
- RAI-PF-K-15-W 14/3 STJW Power Feed Kit - White, 15'
- RAI-PF-K-3-B 14/3 STJW Power Feed Kit - Black, 3'
- RAI-PF-K-6-B 14/3 STJW Power Feed Kit - Black, 6'
- RAI-PF-K-10-B 14/3 STJW Power Feed Kit - Black, 10'
- RAI-PF-K-15-B 14/3 STJW Power Feed Kit - Black, 15'

CL-LCHNL-PS-41-WA

