



Project Name \_\_\_\_\_

Date \_\_\_\_\_ Type \_\_\_\_\_

Catalog Number \_\_\_\_\_

## PCL Series

### 2x2 & 2x4 Volumetric Center Lens

The Lumination™ PCL series is an LED contractor grade volumetric, center lens luminaire with selectable lumens and CCT. Suitable for indoor general lighting in both new construction and retrofit solutions.

### CONSTRUCTION

<b>Housing:</b>	Die formed code-gauge steel
<b>Lens:</b>	Frosted Polypropylene
<b>Paint:</b>	Post painted matte white finish
<b>Weight</b>	<12 lbs

### OPTICAL SYSTEM

<b>Lumens:</b>	2x2 3250/3750/5000 lumens (Field Selectable) 2x4 3750/5000/6000 lumens (Field Selectable)
<b>Wattage:</b>	2x2 23/27/38 (Field Selectable) 2x4 25/35/45 (Field Selectable)
<b>Efficacy:</b>	2x2 Up to 149 LPW 2x4 Up to 157 LPW
<b>CCT:</b>	3500/4000/5000K (Field Selectable)
<b>CRI:</b>	80+

### ELECTRICAL

<b>Input Voltage:</b>	120–347 V
<b>Input Frequency:</b>	50/60Hz
<b>Power Factor (PF)*:</b>	>0.9%*
<b>Total Harmonic Distortion (THD)*:</b>	<20%*

\* PF and THD may vary with options

### CONTROLS

<b>Dimming:</b>	Standard 0–10V, 1% Dim to Off
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### AMBIENT TEMPERATURE

TYPE	TEMPERATURE RATE
<b>OPERATING TEMPERATURE</b>	-25°C to 40°C (-13°F to 104°F)
<b>STORAGE TEMPERATURE</b>	-40°C to 70°C (-40°F to 158°F)

### LUMEN MAINTENANCE

<b>LXX(10K) @ Hours</b>	60,000 HR
<b>L80</b>	

### ADDITIONAL FEATURES

#### Mounting:

- **Typical Mounting:** Fits standard T-Bar grid (drop ceilings)
- **Wiring Access:** ½" trade-size KOs
- **T-grid Clips:** T-grid clips attached
- **Surface Mounting:** Surface mount kit available

### DESIGN LIFE & WARRANTY

- Insulation Contact: Type IC Rated
- Damp Location rated
- CSA Certified
- Please refer to the DLC QPL website for the latest and most complete information: <http://www.designlights.org/QPL>
- Current's Limited 5-year Warranty: Please see website

### Ordering Information

**PCL**      **A**      **1**      **FS**      **DF**      **WHITE**

FAMILY	FIXTURE TYPE	GENERATION	VOLTAGE	SELECTABLE	DRIVER	FINISH	OPTIONS
PCL = Volumetric Center Lens	22 = 2' x 2' 24 = 2' x 4'	A = 1 <sup>st</sup> Generation	1 = 120-347V	FS = Field Selectable Lumen & CCT	DF = 0-10V Dim to Off	WHITE = White	(blank) = None EL <sup>1</sup> = Emergency Battery

#### ORDERING NOTES:

1. Test switch is remote mounted in the ceiling, EL option not available in 347V

### ACCESSORIES ORDERING GUIDE (ORDER SEPARATELY)

Accessories (Order Separately)	Part #	UPC	Notes & Restrictions
<u>Flange Kits</u>			
<input type="checkbox"/> FK22	FK22	078531000752	2x2 Single Flange Kit (Shipped Separately)
<input type="checkbox"/> FK24	FK24	078531038991	2x4 Single Flange Kit (Shipped Separately)
<input type="checkbox"/> PSMK-22	93302544	662055127912	2x2 Shallow Surface Mount Kit, 63mm
<input type="checkbox"/> PSMK-24	93302545	662055127929	2x4 Shallow Surface Mount Kit, 63mm
<input type="checkbox"/> DSMK-22	93313898	840141433219	2x2 Deep Surface Mount Kit, 110mm, for use with EL option
<input type="checkbox"/> DSMK-24	93313899	840141433226	2x4 Deep Surface Mount Kit, 110mm, for use with EL option

### Stocked Options

CATALOG NO.	UPC	DESCRIPTION	SETTING	LUMENS			WATTS	LPW		
				3500K	4000K	5000K		3500K	4000K	5000K
PCL22A1FSDFWHTE	840141417325	2x2 Volumetric Center Lens Troffer, 3250/3750/5000 Selectable Lumens, 3500/4000/5000K Selectable CCT; 0-10V Dim-to-Off Driver; 120-347V	LOW	3279	3423	3339	23	143	149	145
			MED	3786	3980	3863	27	140	147	143
			HIGH	<b>5009</b>	5338	5083	38	132	140	134
PCL24A1FSDFWHTE	840141417332	2x4 Volumetric Center Lens Troffer, 3750/5000/6000 Selectable Lumens, 3500/4000/5000K Selectable CCT; 0-10V Dim-to-Off Driver; 120-347V	LOW	3820	3923	3864	25	153	157	155
			MED	5053	5228	5097	35	144	149	146
			HIGH	<b>6244</b>	6497	6276	45	139	144	139

Default setting for CCT is 3500K and High lumen level (bold)

### Dimensions and Weights

TYPICAL DIMENSIONS AND WEIGHTS		
	PCL22 (2x2)	PCL24 (2x4)
Length	23.74" / 603 mm	47.76" / 1213 mm
Width	23.74" / 603 mm	
Height	2.15" / 54.6 mm	
Weight*	6.4lbs/2.9kg	11.7lbs/5.3kg

\*Base configurations; weight varies by option

**Product Dimensions**

