



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

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

OPTICAL SYSTEM

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

ELECTRICAL

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

* PF and THD may vary with options

CONTROLS

Dimming:	Standard 0–10V, 1% Dim to Off
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AMBIENT TEMPERATURE

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

LUMEN MAINTENANCE

LXX(10K) @ Hours 60,000 HR
L80

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

CUSTOMER NAME

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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 st Generation	1 = 120-347V	FS = Field Selectable Lumen & CCT	DF = 0-10V Dim to Off	WHITE = White	(blank) = None EL ¹ = Emergency Battery

ORDERING NOTES:

- EL option not available in 347V

ACCESSORIES ORDERING GUIDE (ORDER SEPARATELY)

Accessories (Order Separately)	Part #	UPC	Notes & Restrictions
Flange Kits			
<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
PCL22A1FSDFWHITE	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	5009	5338	5083	38	132	140	134
PCL24A1FSDFWHITE	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	6244	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

