

LD2405PX

24" LIGHT DISC PENDANT

Spectrum 24" Light Disc series for decorative and functional area lighting.

LUMENS / WATTAGE DATA			
PART NUMBER	DELIVERED LUMENS ¹	SYSTEM WATTS	LPW
LD2405PX 30L	2300	24.3	95
LD2405PX 60L	4818	50	96
LD2405PX 120L	9853	101	98
LD2405PX 180L	14754	152	97
LD2405PX 240L	19706	202	98

¹ Nominal Delivered Lumens at 35K xxx.xx MW FO

FEATURES

SpecLume series fixtures offer contemporary style with functional luminaire performance. Fixtures are designed and manufactured in our factory. No visible hardware on the fixture body. LED boards are upgradeable and interchangeable for ease of maintenance. A variety of mounting options are available.

FINISH

Multi-stage polyester powder-coat process applied on our dedicated paint lines. See mounting and color pages for standard finishes.

ELECTRONICS

LED module features high brightness white Nichia LEDs. 3-step MacAdam Ellipse binning and CRI 80 and 90. Electronic 120V/277V 0-10V 1% dimming drivers.

CONSTRUCTION

Fixture's bodies are fabricated in our factory with roll formed aluminum extrusion that is seamlessly welded. Lenses are formed and fabricated U.V. stabilized optical quality acrylic.

CODE COMPLIANCE

BAA Compliant. ETL listed for damp locations. Manufactured and tested to UL standards No. 1598/8750.

PROJECT: _____

QUANTITY: _____

TYPE: _____



PRODUCT SELECTOR GUIDE

SERIES	LUMENS ¹	CCT	DRIVER / VOLTAGE	MOUNTING	FINISH	LENS

EXAMPLE

LD2405PX	60L	30K	DX	CDLD4X36	MW	FO
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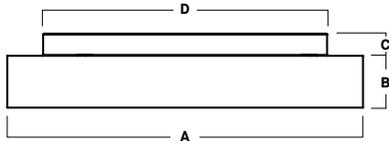
SERIES	LUMENS ¹		CCT	DRIVER / DIMMING ²		MOUNTING ³		FINISH ⁵		LENS																	
LD2405PX	30L	2300 Lm	80 CRI	DX	1%, 0-10V, 120V/277V	CDLD4X⁴	4X Cable Mounting	MW⁵	Matte White	FO	White Optical Acrylic																
	60L	4800 Lm	30K									3000K	DXEMLED	1%, 0-10V, 120V/277V Integral Emergency Battery	HM⁴	Hang Straight Mount	MB⁵	Matte Black									
	120L	9850 Lm	35K									3500K							PM⁴	Rigid Pendant Mount	PT⁵	Platinum					
	180L	14750 Lm	40K									4000K											SM	Surface Mount	CC	Custom Color	
	240L	19700 Lm	90 CRI									30HK															3000K
			35HK																								3500K
		40HK	4000K																								
	¹ Normal Delivered Lumens at 3500K			² Contact Factory for Additional Options		³ See Mounting Page for Details on Components and Finishes ⁴ Specify Length in Inches. See Mounting Page for Available Lengths		⁵ Reference Color Sheet Located on Product Webpage for Full List of Available Colors. Product not Available in Tier 3 or Nouveau Pastel ⁶																			
								⁶ Standard Finishes																			



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HOUSING DIMENSIONS



A	B	C	D
24.0	5.0	1.50	19.16
609.6 mm	127.0 mm	38.1 mm	486.7 mm

FINISH

MW Matte White	MB Matte Black	PT Platinum Silver	CC Custom Color

PAINT TIMES

TIER	COST	AVERAGE PAINT TIME*
Tier 1 - Standard Finishes	\$	⌚
Custom Color	Contact Factory	Contact Factory

*CONTACT FACTORY FOR SPECIFIC PRODUCT LEAD TIMES

STANDARD CORD / STEM / CANOPY FINISHES

FIXTURE COLOR	STANDARD CORD COLOR	STANDARD CANOPY / STEM COLOR
Matte White	Matte White	Matte White
Matte Black	Matte Black	Matte Black
All Others	Matte Black	Same Color as Fixture
Custom Color	Contact Factory	Contact Factory

CEILING MOUNT

(SEE MOUNTING PAGES FOR MORE OPTIONS & CANOPY DIMENSIONS.)

CDLD4X
4X CABLE MOUNTING



LD2405PX SHOWN WITH CDLD4X

HM / PM
HANG STRAIGHT / PENDANT



LD2405PX SHOWN WITH PM

SM
SURFACE MOUNT



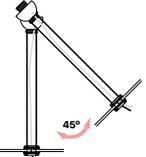
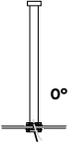
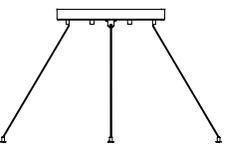
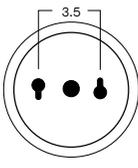
LD2405PX SHOWN WITH SM

MOUNTING & ACCESSORIES

SOME OPTIONS NOT AVAILABLE ON ALL FIXTURES, CONSULT SPECIFICATION SHEETS. SEE INDIVIDUAL SPECIFICATION SHEETS OR CONSULT FACTORY FOR ADDITIONAL INFORMATION. NOTE: THIS IS TYPICAL OF SPECULUME SPECIFICATION FOR PENDANT MOUNTING. INDIVIDUAL FIXTURES OR PROJECTS MAY HAVE SPECIALIZED REQUIREMENTS.



CEILING MOUNTING

<p>HM* HANG STRAIGHT 45° SWIVEL 1/2" STEM - 3/8" NPT</p>  <p>ORDER: HM (Length) SPECIFY LENGTH: HM3 - 3" HM24 - 24" HM6 - 6" HM36 - 36" HM12 - 12" HM48 - 48" HM18 - 18" HM72 - 72" HMLC(XX) Custom Length (Specify in Inches)</p>	<p>PM* RIGID PENDANT MOUNT RIGID 1/2" STEM - 3/8" NPT</p>  <p>ORDER: PM (Length) SPECIFY LENGTH: PM3 - 3" PM24 - 24" PM6 - 6" PM36 - 36" PM12 - 12" PM48 - 48" PM18 - 18" PM72 - 72" PMLC(XX) Custom Length (Specify in Inches)</p>	<p>CDLD4X CORD / CABLE MOUNT S.J. CORD WITH 1/16 SS CABLE</p>  <p>ORDER: CDLDX4 (Length) SPECIFY LENGTH: CDLD4X36 - 36" CDLD4X72 - 72" CDLD4X144 - 144" CDLC4X(XX) Custom Length (Specify in Inches)</p>	<p>SM SURFACE MOUNT</p> <p>ORDER: SM</p> <p>TOP VIEW CANOPY</p>  <p>KEY SLOTS MOUNT CANOPY TO WALL JUNCTION BOX. JUNCTION BOX IS COVERED.</p>
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*MAXIMUM ONE PIECE STEM LENGTH IS 72". **MAXIMUM ONE PIECE STEM LENGTH IS 36". LONGER LENGTHS ARE POSSIBLE USING MULTIPLE STEMS AND COUPLERS.
**ORDER IN 12" INCREMENTS. ODD SIZES MAY BE FIELD CUT

LD2405PX

24" LIGHT DISC PENDANT



Spectrum Lighting

LD2405PX 240L 35K xx xx MW FO

CANDLEPOWER CURVE TEST SP-01437_3	INTENSITY CANDELA 0° AZIMUTH	ZONAL LUMENS		SINGLE UNIT: PERFORMANCE HORIZONTAL FOOTCANDLES INITIAL DOWNLIGHT ONLY				MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES HORIZONTAL FOOTCANDLES AND WATTS/SQ FT							
		0°	0° - 10°	678	3%	Mounting Distance	FC at Beam Center	Diameter at Beam Angle	FC at Beam Edge	Ceiling Height	Fixture Spacing	RCR 1		RCR 3	
	0°	7061	0° - 20°	2580	13%	8'	110 fc	23.0'	10 fc	18'	14'	103	1.05	79	1.05
	5°	7030	0° - 30°	5442	28%	10'	71 fc	28.7'	7 fc	22'	16'	73	0.74	46	0.60
	15°	6748	0° - 40°	8865	45%	12'	49 fc	34.5'	5 fc	26'	18'	57	0.58	52	0.69
	25°	6218	0° - 60°	15557	79%	14'	36 fc	40.2'	3 fc	Delivered Illuminance Rating: (DIR)					
	35°	5477	0° - 80°	19312	98%	16'	28 fc	46.0'	3 fc	99 FC per W/Sq. Ft. 76 FC per W/Sq. Ft.					
	45°	4575	0° - 90°	19675	100%	20'	18 fc	57.5'	2 fc	3' Suspension Length to luminous aperture Square rooms used for multiple units: RCR 1: Length & Width = Ceiling Ht. - 5.5' x 10.00 RCR 3: Length & Width = Ceiling Ht. - 5.5' x 3.33					
	55°	3548	Total	19705	100%	24'	12 fc	69.0'	1 fc	* Average Initial Footcandles at 2.5' Above Floor					
	90°	62				28'	9 fc	80.5'	1 fc						

Delivered Lumens: **19705**
Luminaire Watts: **202**
LER: **97.55**

CP at 0° (Nadir): **7061**
CRI: **80+**

Beam Angle: **110°**
Spacing Ratio: **1.23**

Lumen Multiplier: **30L x 0.117, 60L x 0.24, 120L x 0.50, 180L x 0.75**
CCT Multiplier: **27K x 0.95, 30K x 0.98, 40K x 1.0**