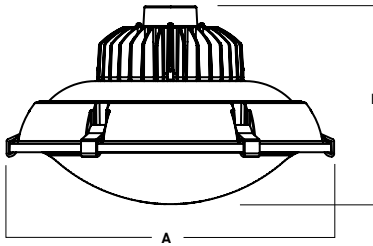




FL16 SHOWN



A	B
16.4	10.0
416.8 mm	254.8 mm

16" Low/Mid Bay 14100 Lm

Dual Refractor System



PA1611LX

APPLICATION

16" prismatic pendant series is a performance luminaire that provides excellent vertical surface illumination. Prismatic refractor provides horizontal and vertical distribution.

FEATURES

PA1611LX dual refractor optical system for enhanced indirect lighting. Single mid-powered LED modules produce up to 13000 source lumens. A wide variety of mounting options. LED module and driver are serviceable for future replacement and maintenance. Emergency battery backup available.

FINISH

Multi-stage polyester powder-coat process applied on our dedicated paint lines. Variety of standard and custom finishes are available. All exposed materials are chromate pretreated to resist corrosion.

ELECTRONICS

LED system features high brightness white Nichia LEDs. 3-step MacAdam Ellipse binning and CRI 80 minimum. Higher CRI, R9 and custom LED configurations are available; consult factory. Variety of electronic 120V/277V and dimming devices. LED module is 2 circuit with 2 drivers for multicircuit option as well as safety.

CONSTRUCTION

Fixture shades are spun in our factory from 0.060" high purity aluminum. Refractor is molded UV stabilized acrylic with clear prismatic and diffuse prismatic options.

CODE COMPLIANCE

BAA compliant. ETL certified to meet US and Canadian standards. Suitable for dry or damp locations. Manufactured and tested to UL standards No. 1598/8750.

LUMENS / WATTAGE DATA			
PART NUMBER	DELIVERED LUMENS ¹	SYSTEM WATTS	LPW
PA1611LX65L	6138	54.1	113
PA1611LX100L	9207	81.1	114
PA1611LX130L	12112	103.9	117

¹ Delivered Lumens at 35K with FR1611-CL16-MW

SERIES	LUMENS ¹	CCT	DRIVER / DIMMING ²	OPTIONS ³	MOUNTING ⁴	REFRACTOR	FINISH ⁷	MOUNTING OPTION ⁹		
PA1611LX	65L	6650 Lm	27K	2700K	EX Electronic Driver, 120V/277V DS10X 10%, 0-10V/120V/277V DO10X 1% 0-10V, 120V/277V DO103 1% 0-10V, 347V	FS Fusing 2CIR 2 Circuit SC1 Safety Cable	CP113 ³ Driver Housing HM ⁶ Hang Straight PM ⁶ Rigid Pendant Mount CD ⁶ Cord / Cable Mount	UPPER LENS FR1611 Diffuse Prismatic	MW ⁸ Matte White MB ⁸ Matte Black PT ⁸ Platinum Silver CC Custom Color	FCHMA Field Cuttable Mounting Kit for Hang Mount Fixtures
	100L	10000 Lm	30K	3000K						
	130L	13100 Lm	35K	3500K						
			40K	4000K						
EMERGENCY BATTERY OPTIONS										
					EMRM 7W Remote EM					
					EMEN 7W Remote with Enclosure					

EXAMPLE: PA1611LX65L30KEX/CP113HM36/FR1611FL16/MW

NOTES:
¹ Delivered Lumens at 35K with FR1611-CL16-MW ² Contact Factory for Additional Options ³ See Product Options Page Details ⁴ See Mounting Page for Details on Components and Finishes ⁵ CP113 Required ⁶ Specify Length in Inches; See Mounting Page for Available Lengths ⁷ Reference Color Sheet Located on Product Webpage for Full List of Available Colors ⁸ Standard Finishes ⁹ Field Cuttable Mounting Kit only Available with HM Stem



PROJECT: _____
 QUANTITY: _____ TYPE: _____



16" PRISMATIC

PA SERIES / FIXTURE OPTIONS



STANDARD FINISHES

MW
MATTE WHITE



MB
MATTE BLACK

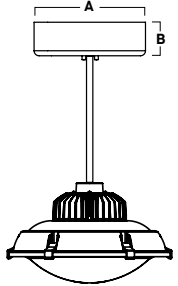


PT
PLATINUM SILVER



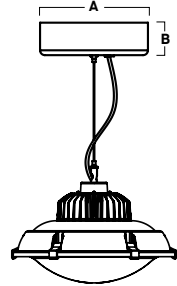
MOUNTING TYPES

HM / PM
HANG STRAIGHT / PENDANT



A	B
11.1	3.3
281.9 mm	84.8 mm

CD
CORD / CABLE MOUNT



A	B
11.1	3.3
281.9 mm	84.8 mm



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 RLM SPECIFICATION FOR MOUNTING. INDIVIDUAL FIXTURES OR PROJECTS MAY HAVE SPECIALIZED REQUIREMENTS.



ADDITIONS

FS - Fusing

Slow blow type fuse protects fixture against voltage surges. Factory installed.



SAFETY CABLE OPTIONS

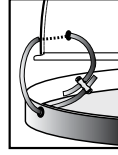
SC1 - Safety Cable

1/16" stainless steel safety cable for added support. Standard kit is 18" and double barrel locks are provided. Approved for California seismic requirements. Rated at 50 lbs.



SC2 - Safety Cable, Refractor to Door

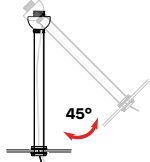
1/16" Stainless steel cable holds door to fixture



MOUNTING TYPES

HM* - Hang Straight

45° SWIVEL 5/8" OD STEM - 3/8" IP



ORDER: **HM** (Length)

SPECIFY LENGTH:

HM3 - 3" **HM24** - 24"

HM6 - 6" **HM36** - 36"

HM12 - 12" **HM48** - 48"

HM18 - 18" **HM72** - 72"

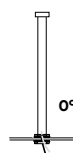
HMLC(XX)

Custom Length
(Specify in Inches)

TO TRIM HM STEM IN FIELD ORDER FCHMA KIT.

PM* - Ridgid Pendant Mount

RIGID 5/8" OD STEM - 3/8" IP



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)

CD - Cord / Cable Mount

SJ CORD WITH 1/16 SS CABLE



ORDER: **CD** (Length)

SPECIFY LENGTH:

CD36 - 36"

CD72 - 72"

CD144 - 144"

CDLC(XX)

Custom Length
(Specify in Inches)

*MAXIMUM ONE PIECE STEM LENGTH IS 72".

LONGER LENGTHS ARE POSSIBLE USING MULTIPLE STEMS AND COUPLERS.

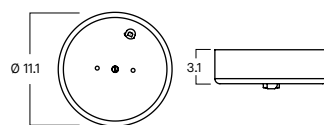
MOUNTING OPTION

FCHMA - Field Cuttable Mounting Kit For Hang Mount Fixtures



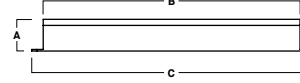
CEILING MOUNT CANOPY

CP113 - Driver Compartment with Leads (REQUIRED)



REMOTE EMERGENCY BATTERY OPTIONS

EMRM* - 7W Remote Emergency Battery (50' Max)



A	B	C
1.3	12.6	13.0

EMEN* - 7W Remote Emergency Battery with Enclosure (50' Max)



A	B	C
2.0	17.0	6.2

*OTHER EM BATTERY SIZES AVAILABLE. CONSULT FACTORY

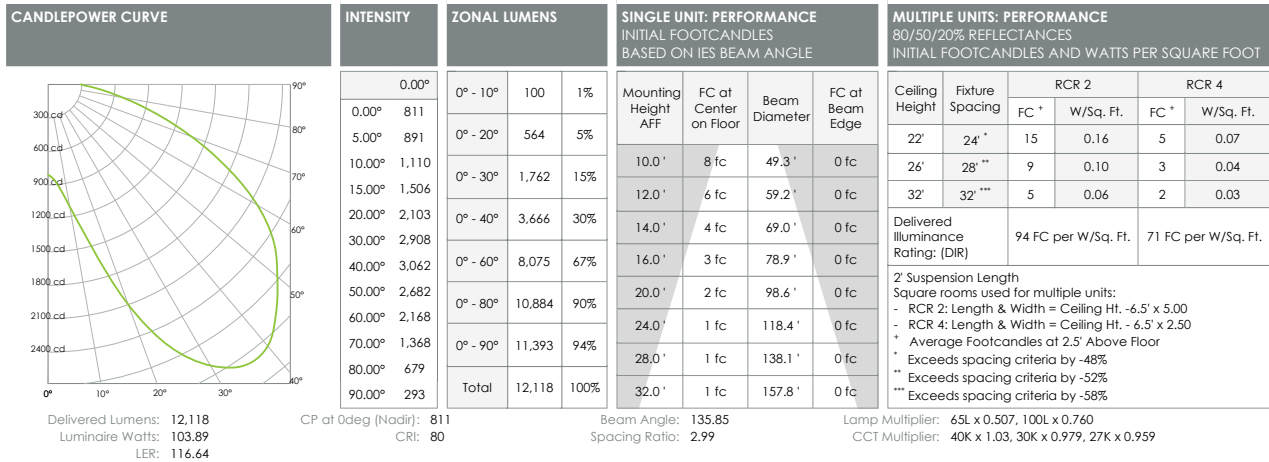


16" PRISMATIC

PA SERIES / PHOTOMETRIC DATA



PA1611LEDLX-130L-35K-EX-xx-FR1611-CL16-xx-MW



HOW TO USE PERFORMANCE DATA

SINGLE UNIT	MULTIPLE UNITS
<p>Cone of Light of a single, symmetrical beam luminaire. Direct initial illumination (FC) and Beam Angle diameter directly beneath fixture; shown at different distances from aperture to horizontal plane. Calculated using Inverse Square Law.</p> $FC_H = CP \times (\cos \theta) \div D^2$ <p>Beam Diam. = $\frac{1}{2}$ Beam Angle (Tan) x 2D</p> <ul style="list-style-type: none"> - CP Candela at 0° (Nadir) - Cos θ Cosine of θ Angle - D Distance (Mounting Height AFF) - FC_H Footcandles, Horizontal - Beam Angle Cone of light to 50% max. CP - Beam Diam. Pattern of light at Beam Angle 	<p>Square grid layout of multiple luminaires in unfurnished, square rooms of different proportions (Room Cavity Ratios) with 80/50/20% room surface reflectances. 4' Suspension Length to aperture. Initial average illumination (FC) calculated at 2.5' above floor, using Zonal Cavity Method. W/Sq. Ft. of layout shown for each ceiling height and RCR.</p> <p>Delivered Illuminance Rating (DIR®): System performance indicator expressed as ratio of approximate initial FC per W/Sq. Ft. delivered to horizontal plane below, for the range of ceiling heights indicated.</p> <ul style="list-style-type: none"> - To estimate FC for Fixture Spacing that is different than shown (do not exceed Spacing Ratio): $FC = \text{Chart Spacing}^2 \div \text{Different Spacing}^2 \times \text{Chart FC}$ - To estimate FC, Sq. Ft. per fixture for a specific target FC: $\text{Sq. Ft. / Fixture} = \text{Chart FC} \times \text{Chart Spacing}^2 \div \text{Target FC}$ <ul style="list-style-type: none"> - To estimate Fixture Quantity in a room: $\text{Fixture Qty.} = \text{Sq. Ft. of Rm.} \div \text{Sq. Ft. per fixture}$ - To estimate Watts/Sq. Ft.: $\text{W/ Sq. Ft.} = \text{Luminaire Watts} \times \text{Qty.} \div \text{Sq. Ft. of Rm.}$

