



22" PRISMATIC EXT SERIES



PREXT22LX

APPLICATION

22" Lumen Max LX series performance pendant for low, mid-bay and high-bay applications. Prismatic refractor provides horizontal and vertical distribution.

FEATURES

Extruded Fixture Housing (EXT) features a clean and modern design. Single-stage optical system for smooth light distribution. LED module and driver designed for ease of maintenance and replacement. Post-lock refractor retention ring will absorb shocks and impacts. Optional safety cable. Variety of optical lenses and mounting methods.

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

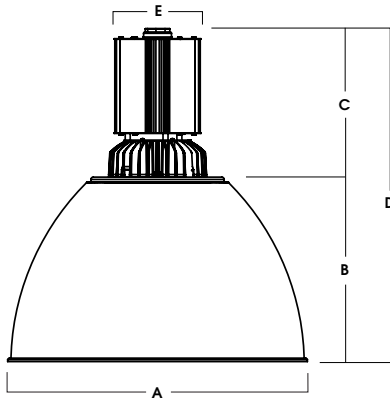
LED system features high brightness white Nichia LEDs. 3-step MacAdam Ellipse binning. Standard CRI: 80+. Higher CRI, R9 and custom LED configurations are available; consult factory. Variety of electronic 120V/277V and dimming drivers. LED module is 2 circuit with 2 drivers for multicircuit option.

CONSTRUCTION

Extruded and machined 6063-T5 aluminum housing. Graphite gasket for optimal thermal management. Die-cast aluminum heat sink. Refractor made of cast UV stabilized acrylic.

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.



A	B	C	D	E
22.4 569 mm	13.7 348 mm	12.5 317.5 mm	26.2 665.5 mm	6.6 167.6 mm

Fixture Weight: 15.5 lbs

LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS ¹	DELIVERED LUMENS ²	SYSTEM WATTS	LPW
PREXT22LX65L	6500	6700	59.0	114
PREXT22LX100L	10000	10051	87.9	114
PREXT22LX130L	13000	13222	117.0	113
PREXT22LX140L	14000	14238	126.0	113

SERIES	LUMENS ¹	CCT	DRIVER / DIMMING ³	OPTIONS ⁴	MOUNTING ⁵	REFRACTOR	DIFFUSER OPTIONS	GUARD OPTION	FINISH ⁷
PREXT22LX	65L 6500 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	SAFETY OPTIONS FS Fusing 2CIR 2 Circuit SC1 Safety Cable SC2 Safety Cable Reflector to door	HM ⁶ Hang Straight PM ⁶ Rigid Pendant AT ⁶ Hang Straight All Thread CD ⁶ Cord / Cable Mount HC ⁶ Hook & Cord NM2 ⁶ 1/2" NPT Hub NM3 ⁶ 3/4" NPT Hub EMERGENCY BATTERY OPTIONS EMCR 10W Canopy Mounted EM EMRM 7W Remote EM EMEN 7W Remote with Enclosure	DF22 22" Diffuse PR22 22" Clear OP22 22" Opal	TF3 - 6" Frosted Diffuser (CANNOT BE USED WITH DR OR BC OPTIONS)	WAG22 22" Wire Guard (CANNOT BE USED WITH DR OR BC OPTIONS)	MW ¹⁰ Matte White MB ¹⁰ Matte Black PT ¹⁰ Platinum Silver CC Custom Color See Page 5 for Full Range of Color Options (83-90081)
	100L 10000 Lm	30K 3000K							
	130L 13000 Lm	35K 3500K					DR22A ⁸ 22" Spun Door BC22 22" Band Clamp	CNFR Conical Frosted CN Conical Lens DL Drop Lens FO White Optical Acrylic PP Prismatic Polycarbonate PC Clear Polycarbonate	
	140L 14000 Lm	40K 4000K							

EXAMPLE: PREXT22LX130L35KEX/HM36/PR22/DR22ACNFR/MW

NOTES:

1 Nominal Source Lumens at 35K 2 Nominal Delivered Lumens at 35K with PR22, No Lens 3 Contact Factory for Additional Options 4 See Product Options Page For Details 5 See Mounting Page for Details on Components and Finishes 6 Specify Length in Inches: See Mounting Page for Available Lengths 7 Mounting Supplied by Others 8 Same Finish as Housing 9 See Color Page for More Options / Consult Factory for Special Finishes 10 Standard Finishes



PROJECT: _____
TYPE: _____



Dimensions and values shown are nominal. Spectrum Lighting continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

22" PRISMATIC

EXT SERIES / FIXTURE OPTIONS



STANDARD FINISHES

MW
MATTE WHITE



MB
MATTE BLACK

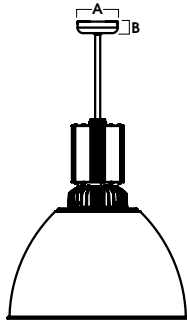


PT
PLATINUM SILVER



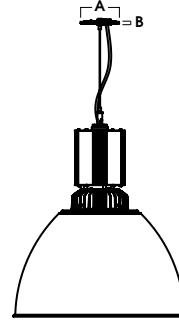
MOUNTING TYPES

HM / AT / PM
HANG STRAIGHT / ALL THREAD / PENDANT



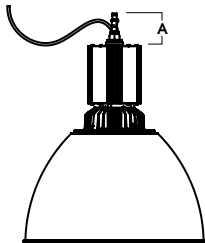
A	B
5.0	1.5
127 mm	38.1 mm

CD
CORD / CABLE MOUNT



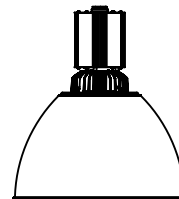
A	B
5.0	.25
63.5 mm	6.35 mm

HC
HOOK CORD



A
4.0
101.6 mm

NM
NO MOUNT



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.



LSP10 - SM - SURGE PROTECTOR

Surge protector absorbs transient electrical spikes and protects fixtures and electronics 120/277v. Re-sets after surge. Factory Installed.



SAFETY CABLE OPTIONS

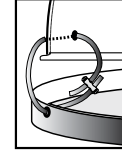
SC1 - SAFETY CABLE

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

1/16" Stainless steel cable holds door to fixture



OPTIONS

DIFFUSER

TF3-6" Frosted Diffuser



DOOR

DR22A-22" Spun Door
BC22-22" Band Clamp

LENSES

CNFR-Conical Frosted Lens
CN-Conical Lens
DL-Drop Lens
FO-White Optical Acrylic
PP-Prismatic Polycarbonate
PC-Clear Polycarbonate



DR22A SHOWN WITH CN

GUARD OPTION

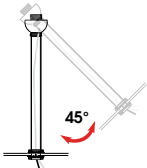
WAG22-22" Wire Guard



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"

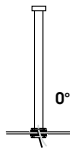
HM18 - 18" HM72 - 72"

HMLC(XX)

Custom Length
(Specify in Inches)

PM*

RIGID 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"

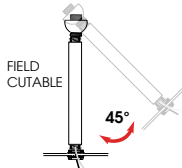
PM18 - 18" PM72 - 72"

PMLC(XX)

Custom Length
(Specify in Inches)

AT**

HANG STRAIGHT ALL THREAD
45° SWIVEL 5/8" OD STEM - 1/4" IP



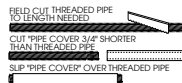
ORDER: **AT** (Length)

SPECIFY LENGTH:

AT12 - 12"

AT24 - 24"

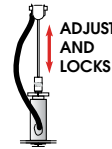
AT36 - 36"



*MAXIMUM ONE PIECE STEM LENGTH IS 72". **MAXIMUM ONE PIECE STEM LENGTH IS 36". LONGER LENGTHS ARE POSSIBLE USING MULTIPLE STEMS AND COUPLERS.

CD

CORD / CABLE MOUNT
SJ CORD WITH 1/16 SS CABLE



ORDER: **CD** (Length)

SPECIFY LENGTH:

CD36 - 36"

CD72 - 72"

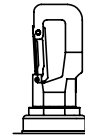
CD144 - 144"

CDLC(XX)

Custom Length
(Specify in Inches)

HC

HOOK & CORD
FOR INDEPENDENT MOUNTING



ORDER: **HC** (Length)

SPECIFY LENGTH:

HC36 - 36"

HC72 - 72"

HC144 - 144"

HCLC(XX)

Custom Length
(Specify in Inches)

NMX

1/2" NPT Hub
3/4" NPT Hub
FOR INDEPENDENT MOUNTING



ORDER: **NMX** (Length)

SPECIFY LENGTH:

NM2(12) - 12" Leads are Standard

NM3(12) - 12" Leads are Standard

NM3(12) - 12" Leads are Standard

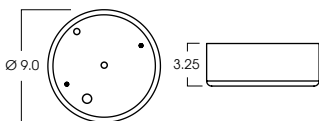
NM3(12) - 12" Leads are Standard

NM3(12) - 12" Leads are Standard

Custom Length
(Specify in Inches)

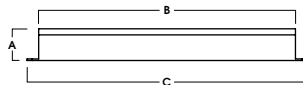
EMERGENCY BATTERY OPTIONS

EMCR - LARGE DRIVER CANOPY FOR 10W EMERGENCY BATTERY



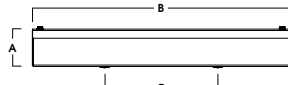
REMOTE EMERGENCY BATTERY OPTIONS

EMRM* - 7W REMOTE EMERGENCY BATTERY (60' MAX)



A	B	C
1.3	12.6	13.0

EMEN* - 7W REMOTE EMERGENCY BATTERY WITH ENCLOSURE (60' MAX)



A	B	C
2.0	17.0	6.2

*OTHER EM BATTERY SIZES AVAILABLE. CONSULT FACTORY

22" PRISMATIC

EXT SERIES / PHOTOMETRIC DATA



PRxxx22LX-140L-35K-EX-DF22

CANDLEPOWER CURVE	INTENSITY	ZONAL LUMENS	SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES BASED ON IES BEAM ANGLE		MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT								
	0.00°	0° - 10°	776	5%	Mounting Height AFF	FC at Center on Floor	Ceiling Height	Fixture Spacing	RCR 2		RCR 4		
	0.00° 7,914	0° - 20°	2,974	21%	10.0'	79 fc	22'	20'*	FC +	W/Sq. Ft.	FC +	W/Sq. Ft.	
	20.00° 7,314	0° - 30°	6,050	43%	12.0'	55 fc	26'	22''	21	0.21	18	0.21	
	40.00° 2,734	0° - 40°	9,018	63%	14.0'	40 fc	32'	24'''	19	0.19	23	0.28	
	60.00° 856	0° - 60°	10,965	77%	16.0'	31 fc	Delivered Illuminance Rating: (DIR)		100 FC per W/Sq. Ft.		83 FC per W/Sq. Ft.		
	80.00° 486	0° - 80°	12,315	87%	20.0'	20 fc	2' Suspension Length Square rooms used for multiple units: - RCR 2: Length & Width = Ceiling Ht. - 6.5' x 5.00 - RCR 4: Length & Width = Ceiling Ht. - 6.5' x 2.50						
	90.00° 352	0° - 90°	12,767	90%	24.0'	14 fc	* Average Footcandles at 2.5' Above Floor * Exceeds spacing criteria by 14%						
	100.00° 278	Total	14,229	100%	28.0'	10 fc	** Exceeds spacing criteria by -0%						
	110.00° 229				32.0'	8 fc	*** Exceeds spacing criteria by -17%						
	120.00° 201						Lamp Multiplier: 65L x 0.47, 100L x 0.71, 130L x 0.93						
	140.00° 200						CCT Multiplier: 40K x 1.03, 30K x 0.979, 27K x 0.959						
	160.00° 225												
	180.00° 216												
	Delivered Lumens: 14,229 Luminaire Watts: 126 LER: 112.93	CP at 0deg (Nadir): 7,914 CRI: 85+											

PRxxx22LEDLX-140L-35K-E1-XXXX-PR22

CANDLEPOWER CURVE	INTENSITY	ZONAL LUMENS	SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES BASED ON IES BEAM ANGLE		MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT								
	0.00°	0° - 10°	1,033	8%	Mounting Height AFF	FC at Center on Floor	Ceiling Height	Fixture Spacing	RCR 2		RCR 4		
	0.00° 9,341	0° - 20°	4,060	33%	10.0'	93 fc	22'	16'*	FC +	W/Sq. Ft.	FC +	W/Sq. Ft.	
	20.00° 10,049	0° - 30°	7,872	65%	12.0'	65 fc	26'	18''	49	0.52	27	0.34	
	40.00° 1,737	0° - 40°	10,281	84%	14.0'	48 fc	32'	20'''	31	0.33	39	0.48	
	60.00° 221	0° - 60°	11,264	92%	16.0'	36 fc	Delivered Illuminance Rating: (DIR)		93 FC per W/Sq. Ft.		81 FC per W/Sq. Ft.		
	80.00° 107	0° - 80°	11,542	95%	20.0'	23 fc	2' Suspension Length Square rooms used for multiple units: - RCR 2: Length & Width = Ceiling Ht. - 6.5' x 5.00 - RCR 4: Length & Width = Ceiling Ht. - 6.5' x 2.50						
	90.00° 55	0° - 90°	11,621	95%	24.0'	16 fc	* Average Footcandles at 2.5' Above Floor * Exceeds spacing criteria by -4%						
	100.00° 55	Total	12,193	100%	28.0'	12 fc	** Exceeds spacing criteria by -14%						
	110.00° 73				32.0'	9 fc	*** Exceeds spacing criteria by -27%						
	120.00° 71						Lamp Multiplier: 65L x 0.67, 100L x 1, 130L x 1.32, 140L x 1.42						
	140.00° 121						CCT Multiplier: 40K x 1.03, 30K x 0.98, 27K x 0.96						
	160.00° 172												
	180.00° 206												
	Delivered Lumens: 12,193 Luminaire Watts: 126 LER: 96.77	CP at 0deg (Nadir): 9,341 CRI: 85											

PRxxx22LEDLX-140L-35K-E1-XXXX-PR22-XX22-CNFR

CANDLEPOWER CURVE	INTENSITY	ZONAL LUMENS	SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES BASED ON IES BEAM ANGLE		MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT								
	0.00°	0° - 10°	482	4%	Mounting Height AFF	FC at Center on Floor	Ceiling Height	Fixture Spacing	RCR 2		RCR 4		
	0.00° 3,979	0° - 20°	2,183	19%	10.0'	40 fc	22'	22'*	FC +	W/Sq. Ft.	FC +	W/Sq. Ft.	
	20.00° 6,275	0° - 30°	4,949	43%	12.0'	28 fc	26'	24''	16	0.19	23	0.34	
	40.00° 3,160	0° - 40°	7,716	68%	14.0'	20 fc	32'	28'''	18	0.21	15	0.21	
	60.00° 388	0° - 60°	9,786	86%	16.0'	16 fc	Delivered Illuminance Rating: (DIR)		83 FC per W/Sq. Ft.		69 FC per W/Sq. Ft.		
	80.00° 131	0° - 80°	10,223	90%	20.0'	10 fc	2' Suspension Length Square rooms used for multiple units: - RCR 2: Length & Width = Ceiling Ht. - 6.5' x 5.00 - RCR 4: Length & Width = Ceiling Ht. - 6.5' x 2.50						
	90.00° 88	0° - 90°	10,326	91%	24.0'	7 fc	* Average Footcandles at 2.5' Above Floor * Exceeds spacing criteria by -7%						
	100.00° 126	Total	11,378	100%	28.0'	5 fc	** Exceeds spacing criteria by -19%						
	110.00° 153				32.0'	4 fc	*** Exceeds spacing criteria by -28%						
	120.00° 164						Lamp Multiplier: 65L x 0.67, 100L x 1, 130L x 1.32, 140L x 1.42						
	140.00° 198						CCT Multiplier: 40K x 1.03, 30K x 0.98, 27K x 0.96						
	160.00° 250												
	180.00° 267												
	Delivered Lumens: 11,378 Luminaire Watts: 126 LER: 90.30	CP at 0deg (Nadir): 3,979 CRI: 85											

COLOR OPTIONS - POWDER COAT PAINT FINISHES

NOTE: NO PRINTED IMAGE CAN EQUAL THE EXACT COLOR OF FINISH ON METAL.
SEE INDIVIDUAL SPECIFICATION SHEETS OR CONSULT FACTORY FOR ADDITIONAL INFORMATION.



STANDARD CORD / STEM / CANOPY FINISHES

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

PAINT TIMES

TIER	COST	AVERAGE PAINT TIME*
Tier 1 - Standard Finishes	\$	⌚
Tier 2 - Typical Finishes	\$\$	⌚⌚
Custom Color	Contact Factory	Contact Factory

*CONTACT FACTORY FOR SPECIFIC PRODUCT LEAD TIMES

TIER 1 - STANDARD FINISHES



TIER 2 - TYPICAL FINISHES



CUSTOM COLOR FINISHES

CONTACT FACTORY

CC
Custom Color



*UNAVAILABLE FOR WET LOCATION