



22" Low/Mid/High Bay 13650 Lm

Decorative Arms & Tier



PRX22LX

APPLICATION

22" Lumen Max LX series performance pendant for low, mid-bay and high-bay applications. Prismatic refractor provides horizontal and vertical distribution. Decorative support arms and lower parts add visual appeal.

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. 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

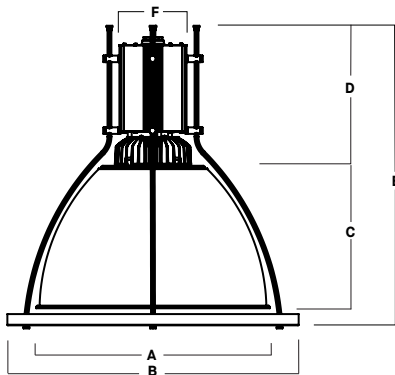
LED system features high brightness white Nichia LEDs. 3-step MacAdam Ellipse binning. Standard CRI: 80+. Higher CRI, R9 and custom LED configurations are available; consult factory. Variety of electronic 120V/277V and dimming drivers. LED module is 2 circuit with 2 drivers for multicircuit option.

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. Arms are chrome plated, formed steel tubing. 1MR option is spun aluminum.

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	F
22.4	28.0	13.7	12.3	27.7	6.5
569.0 mm	711.2 mm	348.0 mm	312.4 mm	703.6 mm	165.5 mm

LUMENS / WATTAGE DATA			
PART NUMBER	DELIVERED LUMENS ¹	SYSTEM WATTS	LPW
PRX22LX65L	7105	52	137
PRX22LX100L	10079	80	126
PRX22LX130L	12906	98	132
PRX22LX140L	13659	107	128

¹ Nominal Delivered Lumens at 35K with PR22-FGR

SERIES	LUMENS ¹	CCT	DRIVER / DIMMING ²	SAFETY OPTIONS ³	MOUNTING ⁴	REFRACTOR	ENCLOSURE OPTIONS	TIER OPTIONS	FINISH ¹⁰	MOUNTING OPTION ¹²
PRX22LX	65L 7100 Lm 100L 10100 Lm 130L 12900 Lm 140L 13650 Lm	27K 2700K 30K 3000K 35K 3500K 40K 4000K	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	HM ⁵ Hang Straight PM ⁵ Rigid Pendant Mount CD ⁵ Cord / Cable Mount HC ^{5/6/7} Hook & Cord NM2 ^{6/7/8} 1/2" NPT Hub NM3 ^{6/7/8} 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	TF3 6" Frosted Diffuser	CFG Center Frosted Glass Tier FGR Frosted Glass Ring 1MR ⁹ Single Metal Ring	MW ¹¹ Matte White MB ¹¹ Matte Black PT ¹¹ Platinum Silver CC Custom Color	FCHMA Field Cuttable Mounting Kit for Hang Mount Fixtures

EXAMPLE: PRX22LX100L35KEX/HM36/PR22/CFG/PT

NOTES:

¹ Nominal Delivered Lumens at 35K with PR22-FGR ² Contact Factory for Additional Options ³ See Product Options Page For Details ⁴ See Mounting Page for Details on Components and Finishes ⁵ Specify Length in Inches: See Mounting Page for Available Lengths ⁶ Mounting Supplied by Others ⁷ Not Available with EMCR ⁸ 12" Leads Unless Specified ⁹ Fins and Tier Ring to Match Fixture Finish ¹⁰ Reference Color Sheet Located on Product Webpage for Full List of Available Colors ¹¹ Standard Finishes ¹² Field Cuttable Mounting Kit only Available with HM Stem



PROJECT:

QUANTITY:

TYPE:



22" PRISMATIC

TECH SERIES / FIXTURE OPTIONS



STANDARD FINISHES

MW
MATTE WHITE



MB
MATTE BLACK



PT
PLATINUM SILVER



DECO-TIER OPTIONS

1MR
SINGLE METAL RING



CFG
CENTERED FROSTED GLASS



FGR
FROSTED GLASS RING



MOUNTING TYPES

HM / PM
HANG STRAIGHT / PENDANT



PRX22LX SHOWN WITH PM

CD
CORD / CABLE MOUNT



PRX22LX SHOWN WITH CD

HC
HOOK CORD



PRX22LX SHOWN WITH HC

NM
NO MOUNT



PRX22LX SHOWN WITH NM



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.



ENCLOSURES

TF3 - 6" Frosted Diffuser



OPTIONS

TIER OPTIONS

CFG-Center Frosted Glass Tier
FGR-Frosted Glass Ring
1MR-Single Metal Ring

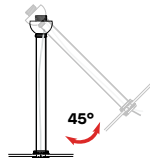


DF22 SHOWN WITH 1MR

MOUNTING TYPES

HM* - Hang Straight

45° SWIVEL 5/8" OD STEM - 3/8" IP

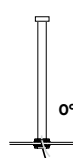


ORDER: **HM** (Length)
SPECIFY LENGTH:
HM3 - 3" **HM24** - 24"
HM6 - 6" **HM36** - 36"
HM12 - 12" **HM48** - 48"
HM18 - 18" **HM72** - 72"
HMLC(XX)
Custom Length
(Specify in Inches)

TO TRIM HM STEM IN FIELD ORDER FCHMA KIT.

PM* - 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)

CD - Cord / Cable Mount

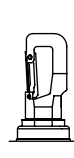
SJ CORD WITH 1/16 SS CABLE



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)

NM2 - 1/2" NPT Hub NM3 - 3/4" NPT Hub

FOR INDEPENDENT MOUNTING



ORDER: **NMX** (Length)
SPECIFY LENGTH:
NM2(12) - 12" Leads are Standard
NM3(12) - 12" Leads are Standard
NMXLC(XX)
Custom Length
(Specify in Inches)

*MAXIMUM ONE PIECE STEM LENGTH IS 72".

LONGER LENGTHS ARE POSSIBLE USING MULTIPLE STEMS AND COUPLERS.

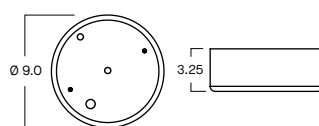
MOUNTING OPTION

FCHMA - Field Cuttable Mounting Kit For Hang Mount Fixtures



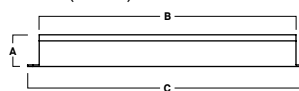
EMERGENCY BATTERY OPTIONS

EMCR - Large Driver Canopy For 10W Emergency Battery



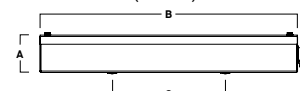
REMOTE EMERGENCY BATTERY OPTIONS

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



22" PRISMATIC

TECH SERIES / PHOTOMETRIC DATA



PRAF22LEDLX 140L 35K xx DF22 xx

CANDLEPOWER CURVE TEST SP-01544_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° 833 6%	Mounting Distance	Ceiling Height
	0°	0° - 20° 3122 23%	FC at Beam Center	Fixture Spacing
	5°	0° - 30° 6248 46%	Diameter at Beam Angle	RCR 2
	15°	0° - 40° 9096 67%	FC at Beam Edge	RCR 4
	25°	0° - 60° 10983 81%	8' 133 fc 11.7' 35 fc	FC * W/Sq. Ft. FC * W/Sq. Ft.
	35°	0° - 80° 12221 90%	10' 85 fc 14.6' 22 fc	18' 12' 94 0.81 50 0.52
	45°	0° - 90° 12628 93%	12' 59 fc 17.5' 15 fc	22' 14' 52 0.45 62 0.64
	55°	Total 13592 100%	14' 43 fc 20.5' 11 fc	26' 16' 47 0.41 39 0.41
	90°		16' 33 fc 23.4' 9 fc	Delivered Illuminance Rating: (DIR)
			20' 21 fc 29.2' 6 fc	116 FC per W/Sq. Ft. 96 FC per W/Sq. Ft.
			24' 15 fc 35.1' 4 fc	4' Suspension Length to luminous aperture
			28' 11 fc 40.9' 3 fc	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 * Average Initial Footcandles at 2.5' Above Floor
Delivered Lumens: 13592	CP at 0° (Nadir): 8482	Beam Angle: 72°	Lumen Multiplier: 130L x .930	
Luminaire Watts: 107	CRI: 80+	Spacing Ratio: 1.09	CCT Multiplier: 40K x 1.00, 30K x 0.978, 27K x 0.949	
LER: 127.03		Melanopic Ratio 0.55		

PRAF22LEDLX 140L 35K xx DF22 TF3 xx

CANDLEPOWER CURVE TEST SP-01543_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° 730 6%	Mounting Distance	Ceiling Height
	0°	0° - 20° 2715 23%	FC at Beam Center	Fixture Spacing
	5°	0° - 30° 5384 45%	Diameter at Beam Angle	RCR 2
	15°	0° - 40° 7792 65%	FC at Beam Edge	RCR 4
	25°	0° - 60° 9488 79%	8' 117 fc 11.5' 31 fc	FC * W/Sq. Ft. FC * W/Sq. Ft.
	35°	0° - 80° 10643 89%	10' 75 fc 14.4' 20 fc	18' 12' 82 0.81 44 0.52
	45°	0° - 90° 11052 92%	12' 52 fc 17.3' 14 fc	22' 14' 45 0.45 54 0.64
	55°	Total 11997 100%	14' 38 fc 20.2' 10 fc	26' 16' 41 0.41 34 0.41
	90°		16' 29 fc 23.1' 8 fc	Delivered Illuminance Rating: (DIR)
			20' 19 fc 28.9' 5 fc	101 FC per W/Sq. Ft. 84 FC per W/Sq. Ft.
			24' 13 fc 34.6' 3 fc	4' Suspension Length to luminous aperture
			28' 10 fc 40.4' 3 fc	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 * Average Initial Footcandles at 2.5' Above Floor
Delivered Lumens: 11997	CP at 0° (Nadir): 7516	Beam Angle: 72°	Lumen Multiplier: 130L x .939	
Luminaire Watts: 107	CRI: 80+	Spacing Ratio: 1.05	CCT Multiplier: 40K x 1.00, 30K x 0.978, 27K x 0.949	
LER: 112.12		Melanopic Ratio 0.52		

PRAF22LEDLX 140L 35K xx PR22 xx

CANDLEPOWER CURVE TEST SP-01499_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° 1134 8%	Mounting Distance	Ceiling Height
	0°	0° - 20° 4616 34%	FC at Beam Center	Fixture Spacing
	5°	0° - 30° 8927 65%	Diameter at Beam Angle	RCR 2
	15°	0° - 40° 11598 85%	FC at Beam Edge	RCR 4
	25°	0° - 60° 12794 94%	8' 169 fc 9.5' 54 fc	FC * W/Sq. Ft. FC * W/Sq. Ft.
	35°	0° - 80° 13140 96%	10' 108 fc 11.9' 34 fc	18' 12' 101 0.81 56 0.52
	45°	0° - 90° 13229 97%	12' 75 fc 14.3' 24 fc	22' 14' 56 0.45 69 0.64
	55°	Total 13659 100%	14' 55 fc 16.7' 17 fc	26' 16' 51 0.41 44 0.41
	90°		16' 42 fc 19.1' 13 fc	Delivered Illuminance Rating: (DIR)
			20' 27 fc 23.9' 9 fc	125 FC per W/Sq. Ft. 108 FC per W/Sq. Ft.
			24' 19 fc 28.6' 6 fc	4' Suspension Length to luminous aperture
			28' 14 fc 33.4' 4 fc	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 * Average Initial Footcandles at 2.5' Above Floor
Delivered Lumens: 13659	CP at 0° (Nadir): 10812	Beam Angle: 62°	Lumen Multiplier: 130L x .945	
Luminaire Watts: 107	CRI: 80+	Spacing Ratio: 1.06	CCT Multiplier: 40K x 1.00, 30K x 0.978, 27K x 0.949	
LER: 127.65		Melanopic Ratio 0.55		



22" PRISMATIC

TECH SERIES / PHOTOMETRIC DATA



PRAF22LEDLX 140L 35K xx PR22 TF3 xx

CANDLEPOWER CURVE TEST SP-01520_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° 1047 9%	Mounting Distance	Ceiling Height
	0° 10513	0° - 20° 4069 33%	FC at Beam Center	Fixture Spacing
	5° 10628	0° - 30° 7772 64%	Diameter at Beam Angle	RCR 2
	15° 11007	0° - 40° 10079 83%	FC at Beam Edge	RCR 4
	25° 8473	0° - 60° 11182 92%		FC * W/Sq. Ft.
	35° 3788	0° - 80° 11587 95%		FC * W/Sq. Ft.
	45° 753	0° - 90° 11724 96%		Delivered Illuminance Rating: (DIR)
	55° 439	Total 12162 100%		110 FC per W/Sq. Ft.
	90° 106			95 FC per W/Sq. Ft.
				4' Suspension Length to luminous aperture 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 * Average Initial Footcandles at 2.5' Above Floor * Exceeds Spacing Ratio by 3%
Delivered Lumens: 12162 Luminaire Watts: 107 LER: 113.66	CP at 0° (Nadir): 10513 CRI: 80+	Beam Angle: 61° Spacing Ratio: 1.01 Melanopic Ratio: 0.52	Lumen Multiplier: 130L x .945 CCT Multiplier: 40K x 1.00, 30K x 0.978, 27K x 0.949	

PRX22LEDLX-140L-35K-E1-PR22-CFG

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° 872 8%	Mounting Height AFF	Ceiling Height
	0.00° 7,591	0° - 20° 2,871 27%	FC at Center on Floor	Fixture Spacing
	5.00° 7,766	0° - 30° 5,411 51%	Beam Diameter	RCR 2
	10.00° 7,604	0° - 40° 7,459 70%	FC at Beam Edge	RCR 4
	15.00° 7,257	0° - 60° 9,232 87%		FC * W/Sq. Ft.
	20.00° 6,593	0° - 80° 9,737 92%		FC * W/Sq. Ft.
	30.00° 4,486	0° - 90° 9,853 93%		Delivered Illuminance Rating: (DIR)
	40.00° 2,237	Total 10,590 100%		88 FC per W/Sq. Ft.
	50.00° 965			74 FC per W/Sq. Ft.
	60.00° 454			
70.00° 224				
80.00° 139				
90.00° 62				
Delivered Lumens: 10,590 Luminaire Watts: 111.89 LER: 94.65	CP at 0deg (Nadir): 7,591 CRI:	Beam Angle: 65.16 Spacing Ratio: 1	Lamp Multiplier: 65L x 0.67, 100L x 1, 130L x 1.31, 140L x 1.5 CCT Multiplier: 50K x 1.06, 40K x 1.03, 30K x 0.979, 27K x 0.959	

PRX22LEDLX-140L-35K-E1-PR22-FGR

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° 1,244 10%	Mounting Height AFF	Ceiling Height
	0.00° 10,222	0° - 20° 4,325 34%	FC at Center on Floor	Fixture Spacing
	5.00° 10,762	0° - 30° 8,142 63%	Beam Diameter	RCR 2
	10.00° 11,339	0° - 40° 10,604 83%	FC at Beam Edge	RCR 4
	15.00° 11,069	0° - 60° 11,781 92%		FC * W/Sq. Ft.
	20.00° 10,323	0° - 80° 12,080 94%		FC * W/Sq. Ft.
	30.00° 6,242	0° - 90° 12,162 95%		Delivered Illuminance Rating: (DIR)
	40.00° 1,935	Total 12,846 100%		110 FC per W/Sq. Ft.
	50.00° 603			96 FC per W/Sq. Ft.
	60.00° 250			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 * Average Footcandles at 2.5' Above Floor * Exceeds spacing criteria by -2% ** Exceeds spacing criteria by -12% *** Exceeds spacing criteria by -25%
70.00° 127				
80.00° 102				
90.00° 58				

Delivered Lumens: 12,846
Luminaire Watts: 111.89
LER: 114.81

CP at 0deg (Nadir): 10,222
CRI: 85+

Beam Angle: 62.56
Spacing Ratio: 1.05

Lamp Multiplier: 65L x 0.67, 100L x 1, 130L x 1.31, 140L x 1.5
CCT Multiplier: 50K x 1.06, 40K x 1.03, 30K x 0.979, 27K x 0.959



22" PRISMATIC

TECH SERIES / PHOTOMETRIC DATA



PRX22LEDLX-140L-35K-E1-PR22-1MR

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°	1,009	9%	Mounting Height AFF	FC at Center on Floor	Beam Diameter	FC at Beam Edge	Ceiling Height	Fixture Spacing	RCR 2		RCR 4					
	0.00° 8,132	0° - 20°	3,539	32%					22'	16' *	43	0.47	24	0.30				
	5.00° 8,613	0° - 30°	6,685	60%					26'	18' **	27	0.29	34	0.42				
	10.00° 9,304	0° - 40°	8,674	78%					32'	20' ***	23	0.25	20	0.25				
	15.00° 9,074	0° - 60°	9,523	86%					Delivered Illuminance Rating: (DIR)		93 FC per W/Sq. Ft. 80 FC per W/Sq. Ft.							
	20.00° 8,470	0° - 80°	9,706	88%														
	30.00° 5,134	0° - 90°	9,749	88%														
	40.00° 1,459	Total	11,061	100%					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 * Average Footcandles at 2.5' Above Floor ** Exceeds spacing criteria by -3% *** Exceeds spacing criteria by -13% **** Exceeds spacing criteria by -26%									
	50.00° 430																	
	60.00° 166																	
	70.00° 79																	
	80.00° 48																	
	90.00° 59																	
									Lamp Multiplier: 65L x 0.67, 100L x 1, 130L x 1.31, 140L x 1.5									
									CCT Multiplier: 50K x 1.06, 40K x 1.03, 30K x 0.979, 27K x 0.959									

Delivered Lumens: 11,061
Luminaire Watts: 111.89
LER: 98.86

CP at 0deg (Nadir): 8,132
CRI: 85+

Beam Angle: 62.63
Spacing Ratio: 1.06

HOW TO USE PERFORMANCE DATA

SINGLE UNIT	MULTIPLE UNITS
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. $FC_H = CP \times (\cos \theta) \div D^2$ Beam Diam. = $\frac{1}{2}$ Beam Angle (Tan) x 2D - 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	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. 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. - 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, Ft. per fixture for a specific target FC: $\text{Sq. Ft. / Fixture} = \text{Chart FC} \times \text{Chart Spacing}^2 \div \text{Target FC}$ - 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.: $\text{W/ Sq. Ft.} = \text{Luminaire Watts} \times \text{Qty.} \div \text{Sq. Ft. of Rm.}$

