



13" ROUND DIRECT

STAGE-PRO SERIES



C1320XT - CEILING MOUNT

APPLICATION

13" round x 20" high XT series Stage Pro luminaire for auditorium and area lighting.

FEATURES

Architectural high performance LED Cylinder luminaire. Designed to illuminate auditoriums, houses of worship and other spaces where LED color quality and control are required. This series offers .1% dim to black as well as DMX, ELV and DALI dimming. Rugged design with flexible mounting, finish and LED options make these extremely versatile fixtures. Quick change LED module with interchangeable optics for job site flexibility and fixture upgrade.

FINISH

Multi-stage polyester powder-coat process applied on our dedicated paint lines. See mounting and color pages for standard finishes. All exposed materials are chromate pretreated to resist corrosion.

ELECTRONICS

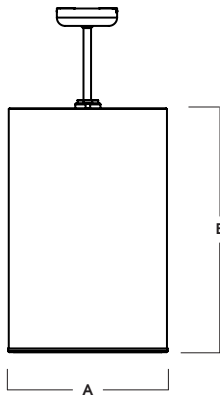
LED system features Xicato LED module with proprietary phosphor technology that provides consistent stable color with CCT control of +/- 100K over life of the light engine. Base CRI is 83 with 2-step MacAdam Ellipse binning. High CRI is 98 with 1 x 2-step MacAdam Ellipse binning. Variety of electronic 120V/277V and dimming drivers. DMX specified control will register as 4 individual unit loads on a DMX universe.

CONSTRUCTION

Housing constructed of .080 aluminum. Specular primary optical reflectors provide high efficiency illumination. Stainless steel hardware with galvanized steel brackets to resist corrosion.

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
13.3	20.1
337.8 mm	510.5 mm

Fixture Weight: 27.5 lbs

LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS ¹	DELIVERED LUMENS ²	SYSTEM WAITS ³	LPW
C1320XT52L	5200	4750	60.0	79
C1320XT80L	8000	7308	94.8	77
C1320XT120L	12000	11301	138.4	82
C1320XT160L	16000	14072	159.6	88
C1320XT200L	20000	18270	207.0	88

SERIES	LUMENS ¹	CCT	OPTICS	DRIVER / DIMMING ⁶	OPTIONS ¹⁰	TRIM	MOUNTING ¹²	FINISH ¹⁵
C1320XT	52L 5200 Lm	83 CRI	XN ⁵ 12°	EX Electronic Driver, 120V/277V	FS Fuse Holder and Fuse	TSG ¹¹ Semi Diffuse Low Iridescent Clear	HM ¹³ Hang Straight	MW ¹⁶ Matte White
	80L 8000 Lm	27K 2700K	ND 25°	120V/277V	SC1 Safety Cable	TMB Matte Black	PM ¹³ Pendant Mount	MB ¹⁶ Matte Black
	120L 12000 Lm	30K 3000K	MD 38°	DS10X 10%, 0-10V, 120V/277V		TCY Same Color as Cylinder	AT ¹³ Hang Straight All Thread	PT ¹⁶ Platinum Silver
	160L 16000 Lm	35K 3500K	WD 55°	DO10X 1%, 0-10V, 120V/277V		TCC Custom Color	CD ^{13/14} Cord / Cable Mount	CC Custom Color
	200L 20000 Lm	40K 4000K	XW 58°	DLTE1 ⁷ Lutron 2-Wire Forward Phase (MLV), 120V			CD3X ^{13/14} 3 Cable Mount with Cord	
				DL3EX ⁷ 1%, Lutron [®] EcoSystem [®] Fade, 120V/277V			HC Hook / Cord	
				ED01X 0.1%, eidoLED 120V/277V			SM Surface Mount	
			98 CRI ⁴	DALI DALI Control			CQD ⁹ DMX Large Driver Canopy	
			27HK 2700K	DMXS ^{8/9} DMX Standard Configuration			EMERGENCY BATTERY OPTIONS	See Page 6 for Full Range of Color Options (83-90095)
			30HK 3000K	DMXC ^{8/9} DMX Non-Standard Custom			EMRM 7W Remote EM	
		35HK 3500K				EMEN 7W Remote with Enclosure		
		40HK 4000K						

EXAMPLE: C1320XT80L27KNDD510X/TSG/PM36/MW

NOTES:
 1 Nominal Source Lumens At Any CCT 2 Nominal Delivered Lumens at 83 CRI at Any CCT with MD-TSG-MW 3 At 83 CRI 4 120L Max 5 80L Max 6 Contact Factory for Additional Options 7 200L Not Available with Lutron Drivers
 8 Contact Factory 9 CQD Required for DMXS/C. Luminaire will Register as 4 Individual Unit Loads on DMX Universe 10 See Product Options Page for Details 11 Standard Finish 12 See Mounting Page for Details on Components and Finishes 13 Specify Length in Inches; See Mounting Page for Available Lengths 14 EMxxx Option Requires 2 Cords 15 See Color Page for More Options/Consult Factory for Special Finishes 16 Standard Finishes



PROJECT: _____
 QUANTITY: _____ TYPE: _____



13" ROUND DIRECT

STAGE-PRO SERIES / FIXTURE OPTIONS



STANDARD FINISHES

MW
MATTE WHITE



MB
MATTE BLACK

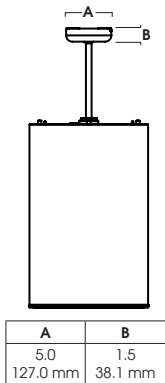


PT
PLATINUM SILVER

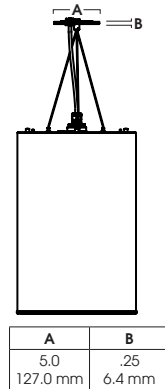


MOUNTING TYPES

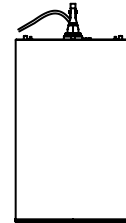
HM / PM / AT
HANG STRAIGHT / PENDANT / ALL THREAD



CD3X
CORD / CABLE MOUNT



HC
HOOK AND CORD



SM
SURFACE MOUNT

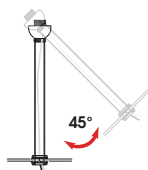

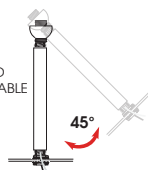
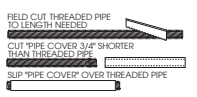

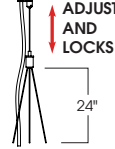
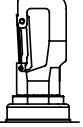
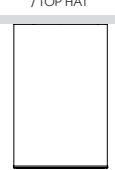


STANDARD MOUNTING & ACCESSORIES

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



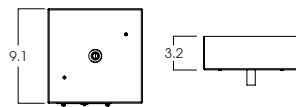
MOUNTING TYPES

<p>HM* HANG STRAIGHT 45° SWIVEL 5/8" OD STEM - 3/8" IP</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 5/8" OD STEM - 3/8" IP</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>AT** HANG STRAIGHT ALL THREAD 45° SWIVEL 5/8" OD STEM - 1/4" IP</p>  <p>ORDER: AT (Length) SPECIFY LENGTH: AT12 - 12" AT24 - 24" AT36 - 36"</p> 	<p>CD CORD / CABLE MOUNT SJ CORD WITH 1/16 SS CABLE</p>  <p>ORDER: CD (Length) SPECIFY LENGTH: CD36 - 36" CD72 - 72" CD144 - 144" CDLC(XX) Custom Length (Specify in Inches)</p>	<p>CD3X CORD / CABLE MOUNT SJ CORD WITH 1/16 SS CABLE</p>  <p>ORDER: CDX3 (Length) SPECIFY LENGTH: CD3X36 - 36" CD3X72 - 72" CD3X144 - 144" CDLC3X(XX) Custom Length (Specify in Inches)</p>	<p>HC HOOK & CORD FOR INDEPENDENT MOUNTING</p>  <p>ORDER: HC</p>	<p>SM SURFACE MOUNT WIRING COMPARTMENT / TOP HAT</p>  <p>ORDER: SM</p>
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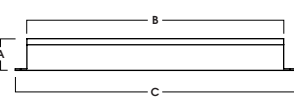
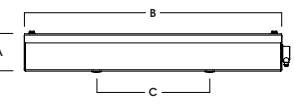
*MAXIMUM ONE PIECE STEM LENGTH IS 72". **MAXIMUM ONE PIECE STEM LENGTH IS 36". LONGER LENGTHS ARE POSSIBLE USING MULTIPLE STEMS AND COUPLERS.

DMX OPTION

CQD - LARGE DRIVER CANOPY FOR DMX OPTIONS



REMOTE EMERGENCY BATTERY OPTIONS

<p>EMRM* - 7W REMOTE EMERGENCY BATTERY (50' MAX)</p>  <table border="1"> <thead> <tr> <th>A</th> <th>B</th> <th>C</th> </tr> </thead> <tbody> <tr> <td>1.3</td> <td>12.6</td> <td>13.0</td> </tr> </tbody> </table>	A	B	C	1.3	12.6	13.0	<p>EMEN* - 7W REMOTE EMERGENCY BATTERY WITH ENCLOSURE (50' MAX)</p>  <table border="1"> <thead> <tr> <th>A</th> <th>B</th> <th>C</th> </tr> </thead> <tbody> <tr> <td>2.0</td> <td>17.0</td> <td>6.2</td> </tr> </tbody> </table>	A	B	C	2.0	17.0	6.2
A	B	C											
1.3	12.6	13.0											
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*OTHER EM BATTERY SIZES AVAILABLE. CONSULT FACTORY



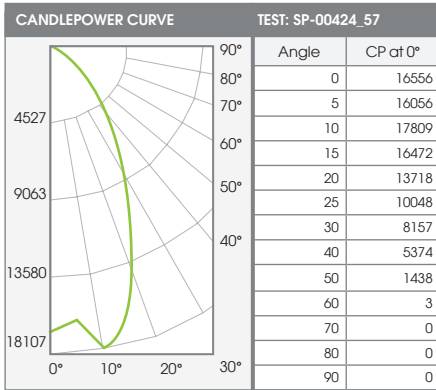
13" ROUND DIRECT

STAGE-PRO SERIES / PHOTOMETRIC DATA



C1320XT-200LxxK-WDEX-TSG-MW

200L WIDE - 83 CRI



ZONAL LUMENS		
0-10	1610	9%
0-20	6125	34%
0-30	10942	60%
0-40	15084	83%
0-60	18204	100%
0-80	18205	100%
0-90	18205	100%
Total Lumens	18205	100%

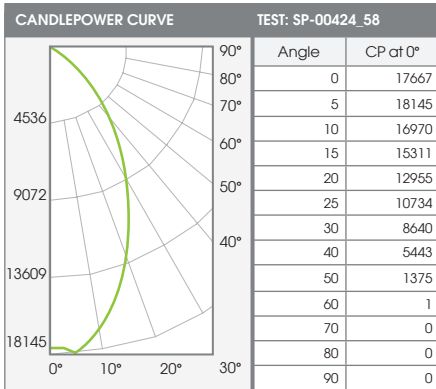
SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
10'	166	10.4'	65
12'	115	12.5'	45
16'	65	16.7'	25
20'	41	20.8'	16
24'	29	25.0'	11
28'	21	29.2'	8
32'	16	33.3'	6
36'	13	37.5'	5

* From aperture to horizontal surface below.
** At IESNA defined Beam Angle, to 50% Max. CP.

Delivered Lumens: 18205 CP @ 0° (Nadir): 16556 Spacing Ratio: 0.9
 Luminaire Watts: 207 Beam Angle: 55° Output Multipliers: 52L x 0.26, 80L x 0.4, 120L x 0.62, 160L x 0.77
 LER: 88 CRI: 83

C1320XT-200LxxK-XWEX-TSG-MW

200L XTRA WIDE - 83 CRI



ZONAL LUMENS		
0-10	1675	9%
0-20	5952	33%
0-30	10873	59%
0-40	15291	84%
0-60	18292	100%
0-80	18293	100%
0-90	18293	100%
Total Lumens	18293	100%

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
10'	177	11.1'	68
12'	123	13.3'	47
16'	69	17.7'	26
20'	44	22.2'	17
24'	31	26.6'	12
28'	23	31.0'	9
32'	17	35.5'	7
36'	14	39.9'	5

* From aperture to horizontal surface below.
** At IESNA defined Beam Angle, to 50% Max. CP.

Delivered Lumens: 18293 CP @ 0° (Nadir): 17667 Spacing Ratio: 0.88
 Luminaire Watts: 207 Beam Angle: 58° Output Multipliers: 52L x 0.23, 80L x 0.4, 120L x 0.62, 160L x 0.77
 LER: 88 CRI: 83



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

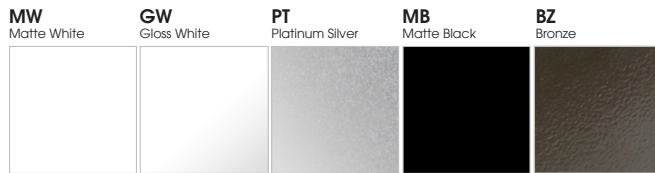
FIXTURE COLOR	STANDARD CORD COLOR	STANDARD CANOPY / STEM COLOR
Matte White, Textured White	Matte White	Matte White
Gloss White	Matte White	Gloss White
Matte Black, Textured Black	Matte Black	Matte Black
All Others	Matte Black	Same Color as Fixture
Custom Color	Contact Factory	Contact Factory

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

