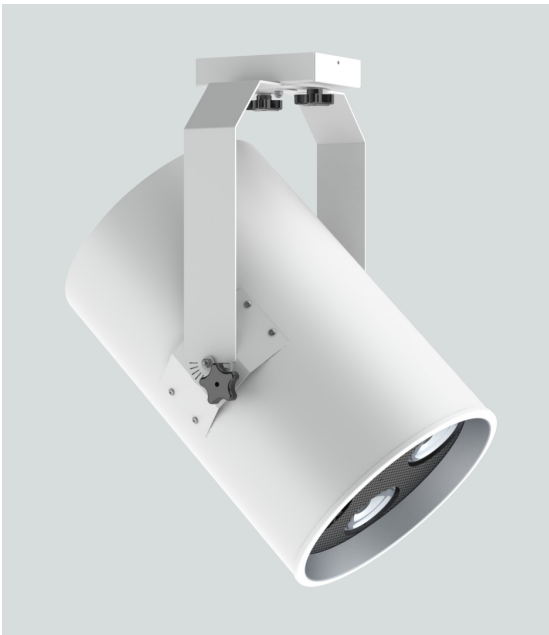


13" ROUND ACCENT DIRECT

STAGE-PRO SERIES



C1320YKXT - YOKE MOUNT

APPLICATION

13" round x 20" high XT series Stage Pro pendant 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 .01% 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

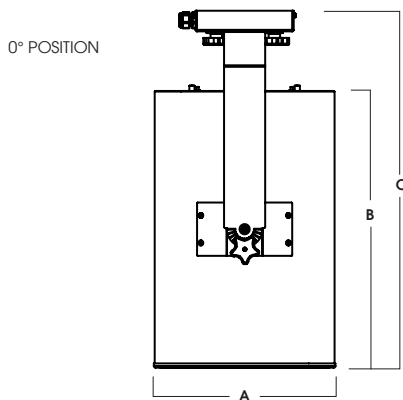
LED system features Xicato LED module with proprietary phosphor technology that provides consistent stable color with CCT control of +/- 100K over life of the light engine. Base CRI is 83 with 2-step MacAdam Ellipse binning. High CRI is 98 with 1 x 2-step MacAdam Ellipse binning. Variety of electronic 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	C
13.1	20.1	26.1
332.7 mm	510.5 mm	662.9 mm

Fixture Weight: 29.2 lbs

LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS ¹	DELIVERED LUMENS ²	SYSTEM WAITS ³	LPW
C1320YKXT52L	5200	4750	60.0	79
C1320YKXT80L	8000	7308	94.8	77
C1320YKXT120L	12000	11301	138.4	82
C1320YKXT160L	16000	14072	159.6	88
C1320YKXT200L	20000	18270	207.0	88

SERIES	LUMENS ¹	CCT	OPTICS	DRIVER/VOLTAGE ⁶	OPTIONS ⁹	TRIM	MOUNTING ¹¹	FINISH ¹²	
C1320YKXT	52L	5200 Lm	83 CRI	EX Electronic Driver, 120V/277V DS10X 10%, 0-10V, 120V/277V DO10X 1%, 0-10V, 120V/277V DLTE1 Lutron 2-Wire Forward Phase (MLV), 120V DL3EX 1%, Lutron [®] EcoSystem [®] Fade, 120V/277V DALIX DALI Control DMXS⁸ DMX Standard Configuration DMXC⁸ DMX Non-Standard Custom	FS Fuse Holder and Fuse SC1 Safety Cable	TSG¹⁰ Semi Diffuse Low Iridescent Clear TMB Matte Black TCY Same Color as Cylinder TCC Custom Color	SM Surface Mount EMERGENCY BATTERY OPTIONS EMRM 7W Remote EM EMEN 7W Remote with Enclosure	MW¹³ Matte White MB¹³ Matte Black PT¹³ Platinum Silver CC Custom Color See Page 5 for Full Range of Color Options (83-90095)	
	80L	8000 Lm	27K 2700K						XN⁵ 12°
	120L	12000 Lm	30K 3000K						ND 25°
	160L	16000 Lm	35K 3500K						MD 38°
	200L	20000 Lm	40K 4000K						WD 55°
			98 CRI ⁴						XW 58°
			27HK 2700K						
			30HK 3000K						
			35HK 3500K						
			40HK 4000K						

EXAMPLE: C1320YKXT80L27KNDEX/TCY/SM/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 See Product Options Page for Details 10 Standard Finish 11 See Mounting Page for Details on Components and Finishes 12 See Color Page for More Options/Consult Factory for Special Finishes 13 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.

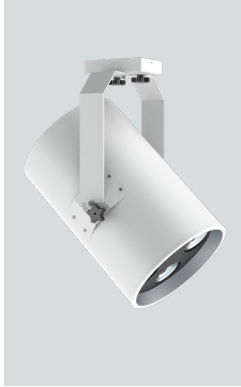
13" ROUND ACCENT DIRECT

STAGE-PRO SERIES / FIXTURE OPTIONS



STANDARD FINISHES

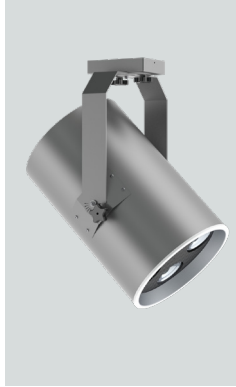
MW
MATTE WHITE



MB
MATTE BLACK



PT
PLATINUM SILVER

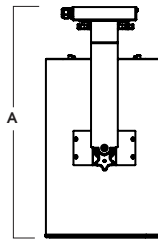


MOUNTING TYPES

YK
YOKE MOUNT

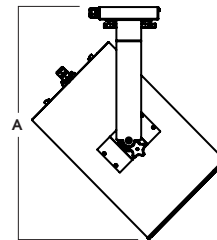


0° POSITION



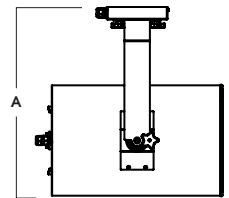
A
26.1 662.9 mm

45° POSITION



A
27.6 701.0 mm

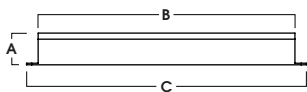
90° TILT



A
22.4 568.9 mm

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

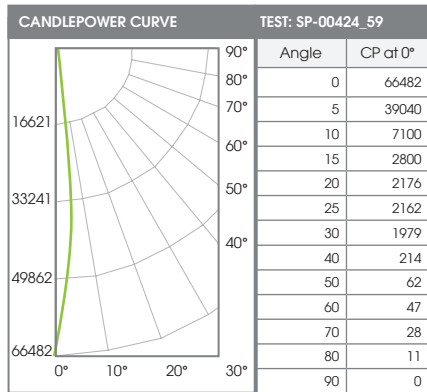
*OTHER EM BATTERY SIZES AVAILABLE. CONSULT FACTORY

13" ROUND ACCENT DIRECT

STAGE-PRO SERIES / PHOTOMETRIC DATA



C1320YKXT-80LxxK-XNEX-TSG-MW



Beam Angle	Lumens	%
0-10	2955	49%
0-20	4043	67%
0-30	5017	84%
0-40	5814	97%
0-60	5934	99%
0-80	5991	100%
0-90	5996	100%
Total Lumens	5996	100%

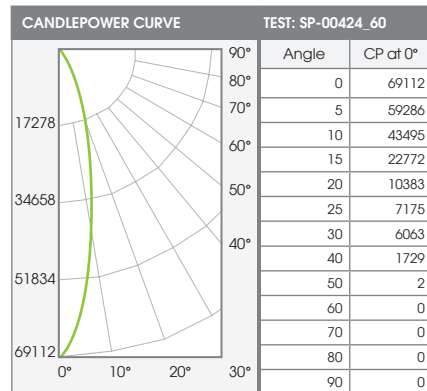
80L XTRA NARROW - 83 CRI

Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
10'	665	2.1'	329
12'	462	2.5'	228
16'	260	3.3'	128
20'	166	4.1'	82
24'	115	5.0'	57
28'	85	5.8'	42
32'	65	6.6'	32
36'	51	7.4'	25

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

Delivered Lumens: 5996 CP @ 0° (Nadir): 66482 Spacing Ratio: 0.22
 Luminaire Watts: 142 Beam Angle: 11.8° Output Multipliers: 52L x 0.65
 LER: 42 CRI: 83

C1320YKXT-200LxxK-NDEX-TSG-MW



Beam Angle	Lumens	%
0-10	5205	28%
0-20	11940	65%
0-30	15466	84%
0-40	17907	98%
0-60	18337	100%
0-80	18337	100%
0-90	18337	100%
Total Lumens	18337	100%

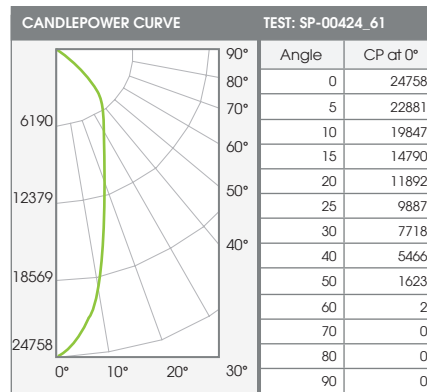
200L NARROW - 83 CRI

Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
10'	691	4.4'	329
12'	480	5.3'	229
16'	270	7.1'	129
20'	173	8.9'	82
24'	120	10.6'	57
28'	88	12.4'	42
32'	67	14.2'	32
36'	53	16.0'	25

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

Delivered Lumens: 18337 CP @ 0° (Nadir): 69112 Spacing Ratio: 0.42
 Luminaire Watts: 207 Beam Angle: 25° Output Multipliers: 52L x 0.26, 80L x 0.4, 120L x 0.62, 160L x 0.77
 LER: 89 CRI: 83

C1320YKXT-200LxxK-MDEX-TSG-MW



Beam Angle	Lumens	%
0-10	2100	11%
0-20	6356	35%
0-30	10840	59%
0-40	14792	81%
0-60	18269	100%
0-80	18270	100%
0-90	18270	100%
Total Lumens	18270	100%

200L MEDIUM - 83 CRI

Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
10'	248	6.9'	111
12'	172	8.3'	77
16'	97	11.0'	43
20'	62	13.8'	28
24'	43	16.5'	19
28'	32	19.3'	14
32'	24	22.0'	11
36'	19	24.8'	9

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

Delivered Lumens: 18270 CP @ 0° (Nadir): 24758 Spacing Ratio: 0.6
 Luminaire Watts: 207 Beam Angle: 38° Output Multipliers: 52L x 0.26, 80L x 0.4, 120L x 0.62, 160L x 0.77
 LER: 88 CRI: 83

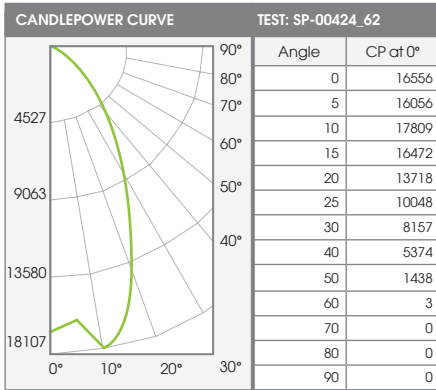
13" ROUND ACCENT DIRECT

STAGE-PRO SERIES / PHOTOMETRIC DATA



C1320YKXT-200LxxK-WDEX-TSG-MW

200L WIDE - 83 CRI



Beam Angle	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%

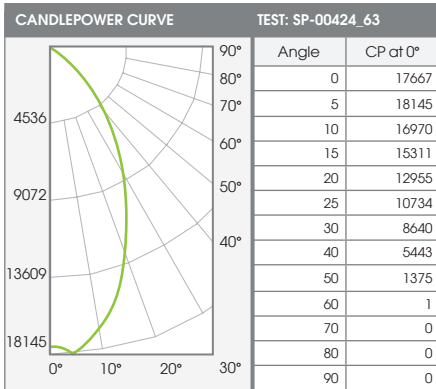
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
10'	166	10.4'	65
12'	115	12.5'	45
16'	65	16.7'	25
20'	41	20.8'	16
24'	29	25.0'	11
28'	21	29.2'	8
32'	16	33.3'	6
36'	13	37.5'	5

* 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

C1320YKXT-200LxxK-XWEX-TSG-MW

200L XTRA WIDE - 83 CRI



Beam Angle	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%

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 0.26, 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

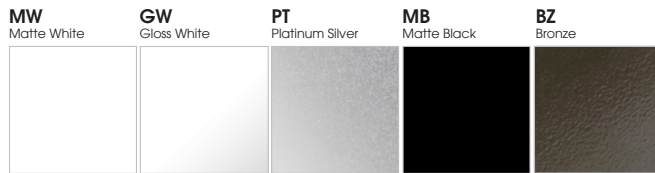
FIXTURE COLOR	STANDARD CORD COLOR	STANDARD CANOPY / STEM COLOR
Matte White, Textured White	Matte White	Matte White
Gloss White	Matte White	Gloss White
Matte Black, Textured Black	Matte Black	Matte Black
All Others	Matte Black	Same Color as Fixture
Custom Color	Contact Factory	Contact Factory

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