



STC 4" SURFACE LIGHT

POWERTRACK SERIES / 4000 LUMENS



STC4XT

APPLICATION

STC 4" Euro Series surface light for accent, display and general illumination.

FEATURES

Rounded surface mount tracklight accepts all Spectrac dimming and control options for clean design appearance. Front bezel accepts two accessories standard with three accessory option. Fixture rotates 359° and tilts/locks 45°. Passive cooled Zhaga compliant LED module for future maintenance or upgrade. Quick twist LED optics for field adjustment.

FINISH

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

CONSTRUCTION

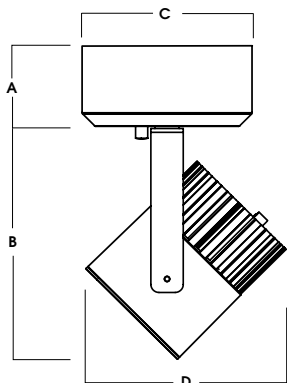
Spun, fabricated and extruded aluminum construction.

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 module. Base CRI is 83 with 2 MacAdam Ellipse binning. High CRI is 98 with 1 MacAdam Ellipse binning. Variety of electronic 120V/277V and dimming drivers.

CODE COMPLIANCE

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



A	B	C	D
2.5 63.5 mm	7.3 185.4 mm	5.3 134.6 mm	6.2 157.5 mm

FIXTURE SHOWN AT 45° TILT. SEE PAGE 2 FOR MORE DIMENSIONS.

WATTAGE TO LUMENS UPDATE					
CURRENT PART NUMBER EXAMPLE	PREVIOUS PART NUMBER EXAMPLE	SOURCE LUMENS ¹	DELIVERED LUMENS ²	SYSTEM WATTS	LPW
STC4XT10L	SRTYXT10L	1000	885	9.1	97
STC4XT13L	SRTYXT13L	1300	1191	13.0	92
STC4XT20L	SRTYXT20L	2000	1834	21.7	85
STC4XT30L	SRTYXT30L	3000	2750	32.6	84
STC4XT40L	N/A	4000	3528	37.9	93

SERIES	LUMENS ¹	CCT	OPTICS	DRIVER / VOLTAGE ⁴	ADAPTOR / MOUNTING ³	FINISH ¹¹	ACCESSORIES	
STC4XT	10L 1000 Lm	83 CRI	ND 15°	E_ Electronic Driver	1 120V	RDC5 Round Driver Canopy	NL No Lens	
	13L 1300 Lm	27K 2700K	MD 26°	DS10_ 10%, 0-10V	2 277V	SDC5 Square Driver Canopy	SO35 Solite Diffuse Lens	
	20L 2000 Lm	30K 3000K	WD 40°	DO10_ 1%, 0-10V		CP13 Large Round Driver Canopy	FG35 Frosted Lens	
	30L 3000 Lm	35K 3500K	XW 60°	ED01_ 0.1%, eld0LED		PM ⁷ Rigid Pendant Mount (Between Yoke and Canopy)	SK35 Skytex Linear	
	40L ³ 4000 Lm	40K 4000K		DS2W1 ⁵ 1%, ELV/MLV, 120V		CQD ¹⁰ DMX Large Driver Canopy	LN ¹³ Clear Lens	
		98 CRI		DLTE1 ⁵ Lutron [®] 2-Wire Forward Phase (MLV), 120V			SN35 ¹⁴ Snoot	
		27HK 2700K		DL3E_ 1%, Lutron [®] EcoSystem [®] , Fades to Black, 120V/277V			HL35 Hex Louver	
		30HK 3000K		DALI_ 5 DALI Control			3AC 3 Accessory Capability	
		35HK 3500K		DMXS ⁹ DMX Standard Configuration				
		40HK 4000K		DMXC ⁷ DMX Non-Standard Custom				

EXAMPLE: STC4XT10L27KNDE1/RDC5/MW/SN35

NOTES:

1 Nominal Source Lumens at Any CCT 2 Nominal Delivered Lumens at 83 CRI at Any CCT With ND-NL 3 Not Available at 98 CRI 4 Contact Factory for Additional Options 5 CP13 Required 6 DMXS - Phoenix Connectors, Logarithmic Dimming, Requires DMX Signal to Turn On, 8-bit Network Resolution, Address of 1, Will Dim to Dark, See DMX Guide 7 DMXC - For Alternate Dim Curves, Addressing, Preset DMX Settings or Special Mounting, Contact quotes@speclight.com or Your Local Representative, See DMX Guide 8 See Mounting Page for Details on Components and Finishes 9 Specify Length in Inches; See Mounting Page for Available Lengths 10 CQD Replaces RDC5/SDC5/CP13 11 See Color Page for More Options/Consult Factory for Special Finishes 12 Standard Finishes 13 See Lens Page for Options 14 Snoot Finish Inside and Outside Will Match Fixture



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.



STC 4" SURFACE LIGHT

POWERTRACK SERIES / FIXTURE OPTIONS

STANDARD FINISHES

Black adaptor standard for all finishes excluding MW which comes with white adaptor.

MW - MATTE WHITE



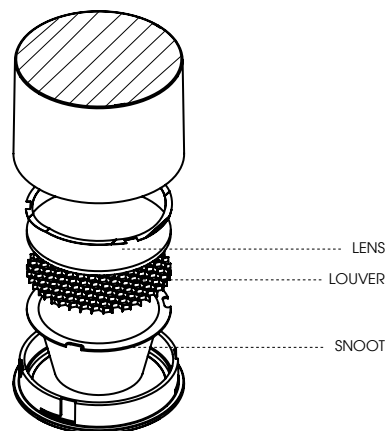
MB - MATTE BLACK



PT - PLATINUM SILVER

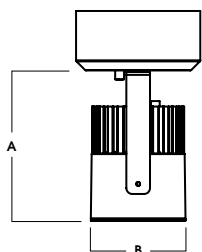


FIXTURE COMPONENTS



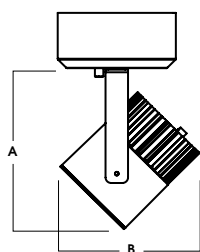
FIXTURE DIMENSIONS

0° POSITION



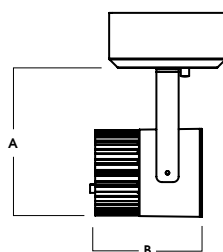
A	B
6.3	4.0
160.0 mm	101.6 mm

45° TILT



A	B
7.3	6.2
185.4 mm	157.5 mm

90° TILT



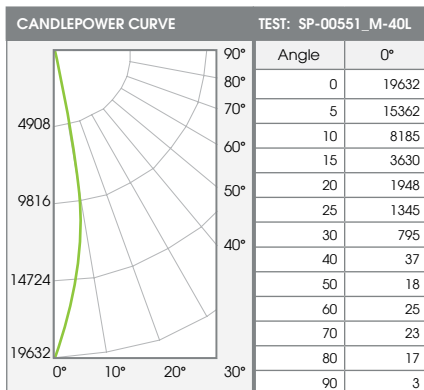
A	B
6.8	5.0
172.7 mm	127.0 mm



STC 4" SURFACE LIGHT POWERTRACK SERIES/ PHOTOMETRIC DATA

STC4XT-40LxxK-NDE1-xxMWNL

40L NARROW - 83 CRI



ZONAL LUMENS		
0-10	1328	38%
0-20	2579	73%
0-30	3217	91%
0-40	3434	97%
0-60	3472	98%
0-80	3518	100%
0-90	3528	100%
Total Lumens	3528	100%

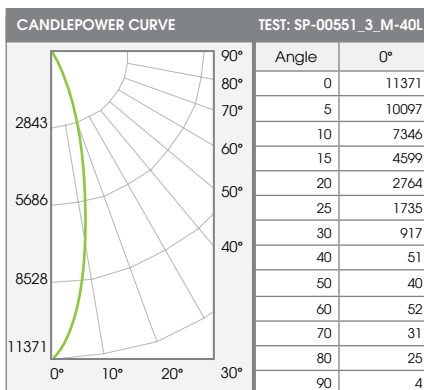
SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	649	1.7'	317
6.5'	465	2.0'	227
7.5'	349	2.3'	170
8.5'	272	2.6'	133
10'	196	3.1'	96
12'	136	3.7'	67
14'	100	4.4'	49
16'	77	5.0'	37

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

Delivered Lumens: 3528 CP @ 0° (Nadir): 19632 Spacing Ratio: 0.32
 Luminaire Watts: 37.9 Beam Angle: 17.7° Output Multipliers: 10L x 0.2506, 13L x 0.3377, 20L x 0.5195, 30L x 0.7792
 LER: 93 CRI: 83

STC4XT-40LxxK-MDE1-xxMWNL

40L MEDIUM - 83 CRI



ZONAL LUMENS		
0-10	900	26%
0-20	2251	65%
0-30	3081	89%
0-40	3316	95%
0-60	3390	97%
0-80	3463	100%
0-90	3477	100%
Total Lumens	3477	100%

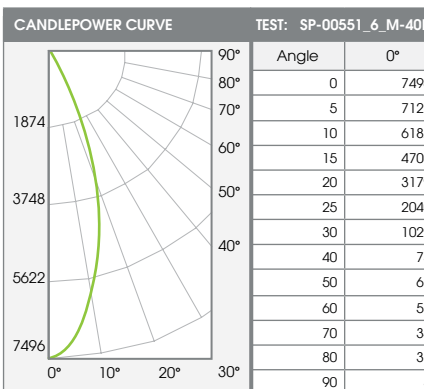
SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	376	2.5'	178
6.5'	269	3.0'	128
7.5'	202	3.5'	96
8.5'	157	3.9'	75
10'	114	4.6'	54
12'	79	5.5'	37
14'	58	6.5'	28
16'	44	7.4'	21

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

Delivered Lumens: 3477 CP @ 0° (Nadir): 11371 Spacing Ratio: 0.44
 Luminaire Watts: 37.9 Beam Angle: 26° Output Multipliers: 10L x 0.2506, 13L x 0.3377, 20L x 0.5195, 30L x 0.7792
 LER: 92 CRI: 83

STC4XT-40LxxK-WDE1-xxMWNL

40L WIDE - 83 CRI



ZONAL LUMENS		
0-10	656	19%
0-20	1979	58%
0-30	2948	86%
0-40	3226	94%
0-60	3324	97%
0-80	3402	99%
0-90	3421	100%
Total Lumens	3421	100%

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	248	3.6'	112
6.5'	177	4.3'	80
7.5'	133	4.9'	60
8.5'	104	5.6'	47
10'	75	6.6'	34
12'	52	7.9'	24
14'	38	9.2'	17
16'	29	10.5'	13

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

Delivered Lumens: 3421 CP @ 0° (Nadir): 7496 Spacing Ratio: 0.6
 Luminaire Watts: 37.9 Beam Angle: 36.3° Output Multipliers: 10L x 0.2506, 13L x 0.3377, 20L x 0.5195, 30L x 0.7792
 LER: 90 CRI: 83

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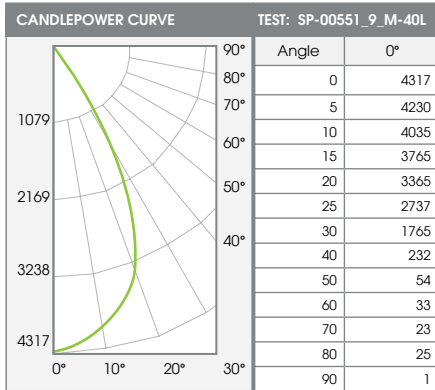
POWERTRACK SERIES / PHOTOMETRIC DATA

spectrac
track lighting



STC4XT-40LxxK-XWE1-xxMWNL

40L XTRA WIDE - 83 CRI



ZONAL LUMENS

0-10	401	12%
0-20	1460	42%
0-30	2687	78%
0-40	3247	94%
0-60	3393	98%
0-80	3447	100%
0-90	3462	100%
Total Lumens	3462	100%

SINGLE UNIT: PERFORMANCE
INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS

Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	143	5.8'	56
6.5'	102	6.9'	40
7.5'	77	8.0'	30
8.5'	60	9.0'	23
10'	43	10.6'	17
12'	30	12.8'	12
14'	22	14.9'	9
16'	17	17.0'	7

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

Delivered Lumens: 3462
Luminaire Watts: 37.9
LER: 91

CP @ 0° (Nadir): 4317
Beam Angle: 56°
CRI: 83

Spacing Ratio: 0.9
Output Multipliers: 10L x 0.2506, 13L x 0.3377, 20L x 0.5195, 30L x 0.7792

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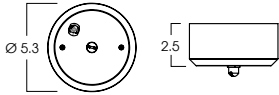
POWERTRACK SERIES / MOUNTING OPTIONS

spectrac
track lighting

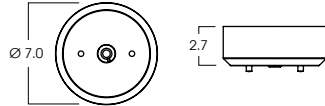


DRIVER CANOPY OPTIONS

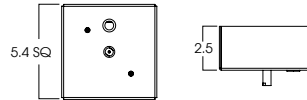
RDC5 - SMALL DRIVER CANOPY (STANDARD)



CP13 - LARGE DRIVER CANOPY

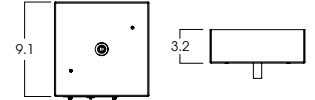


SDC5 - SQUARE DRIVER CANOPY



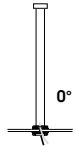
DMX OPTION

CQD - LARGE DRIVER CANOPY FOR DMX OPTIONS



MOUNTING TYPES

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)

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

