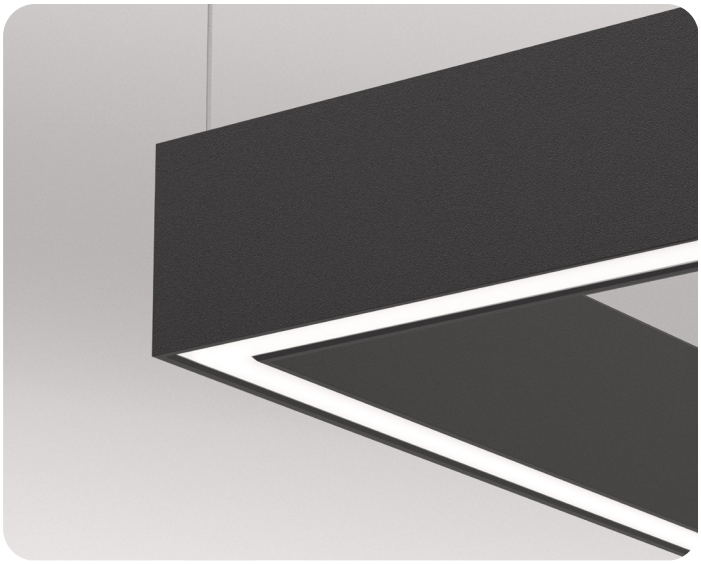
STARTEK
ARCHITECTURAL LIGHTING

Rep/Agent		Type	
Project			
Order No.		Date	

Tall Beam Shape
Suspended
Direct / Indirect



Key Features

- Extruded aluminum single piece housing
- Continuous lensing standard – runs up to 200'
- Light levels can be factory set
- 0-10V dimming to 1% is standard
- Efficacy up to 140 lm/W
- Consult factory for TM21, TM30, LM79 and LM80

5 Year Warranty · BABA Compliant · BAA Compliant · Intertek · DLC LISTED · RoHS Compliant · Declare.

Specifications

Construction

- Continuous extruded 6063 T5 aluminum
- Mechanically attached end caps with no exposed fasteners enhance architectural aesthetic and prevent light leak.

Dimensions

- Nominal dimensions: 2.0" x 5.5"
- Nominal thickness: 0.09"

Finish

- Powder coated
- Colors: White, Black, Silver or Premium Finishes
- End Caps: Color-matched to housing
- Custom colors available. Consult factory for more information.

Luminaire Length

- Standard individual lengths: 2', 4', 6' or 8'
- Fixture and run lengths are available in 1/16" increments.
- Using internal joiners, sections can be joined to form longer, continuous rows.

Source

- CCT options: 2700K, 3000K, 3500K, 4000K, or 5000K
- All within 3 MacAdam ellipses
- 90 CRI (R9 50 min) available

Lensing

- 0.080" thick impact resistant acrylic lens
- Soft diffuse direct lighting

Operating Temperature

- -40°C to 50°C (-40°F to 122°F)

Lithium Ion Battery

- Provides up to 780 lm (6W) or up to 1300 lm (10W) for 90 minutes.
- Certifications: UL924 listed, Class 2 compliant, and Title 20 CEC (California Energy Commission) compliant

Dimming (Integral) Driver

- Constant current programmable LED driver
- Output current: 0-10V, dim to 1% (UL listed, Class P)
- Ring wave surge protection: 2.5KV ring
- Power factor: >0.90

Generator Transfer Device

- Luminaires with GTD option provides a UL924 shunt relay to bypass normal power, switches, and 0–10V dimming.

Certifications

- Build America Buy America compliant
- Buy American Act compliant
- Intertek cETLus Listed
- DLC listed
- RoHS (Restriction of Hazardous Substances)
- JA8 compliant
- Suitable for dry and damp locations

Packaging

- Sustainably manufactured outside cardboard box and biodegradable, protective poly-foam luminaire inserts.

Warranty

- 5-year limited warranty.

Ordering Logic

TALLDI-4X6RECT-500-750-SD-BW-35K-90-PW-ACW10-U-1C-1EMB10

Series	Length[1]	Direct Output[2]	Indirect Output[2]	Direct Distribution	Indirect Distribution
TALLDI					
	_X_RECT - Rectangle	**250 -** 250 LPF	**250 -** 250 LPF	**SD -** SatinIce Diffuse	**CL -** Clear Lens
	_X_L - L-Shape	**500 -** 500 LPF	**500 -** 500 LPF	**WD -** Wide Diffuse	**BW -** Batwing
	_X_X_U - U-Shape	**750 -** 750 LPF	**750 -** 750 LPF	**WW -** Wall Wash	**ID -** Indirect Diffuse
		1000 - 1000 LPF	**1000 -** 1000 LPF		
		XXX - Custom LPF	**XXX -** Custom LPF		

CCT	CRI	Finish[4]	Mounting		Voltage
27K - 2700K	**80 -** 80 CRI	**Standard Powder Coat**	**Cables w/ Canopy Kits**	**Cables w/ Loops**	**U -** 120-277V
30K - 3000K	**90 -** 90 CRI (R9 50 min)	**PW -** White	**ACW05 -** 5' White Cord	**ALW10 -** 10' White Cord	**C -** 347V
35K - 3500K		**PB -** Black	**ACW10 -** 10' White Cord	**ALB10 -** 10' Black Cord	
40K - 4000K		**PS -** Silver	**ACB05 -** 5' Black Cord	**Stem w/ Canopy Kits**	
50K - 5000K		**Premium**	**ACB10 -** 10' Black Cord	**STEMWXX -** XX" White Stem	
TW - Tunable White[3] (2700K-6500K)		**RALXXXX -** Powder Coat Gloss Finish		**STEMBXX -** XX" Black Stem	
		PSFX - Premium Stock Finish			
		Custom Powder Coat			
		PO - Powder Other			

Circuiting	Emergency	Options	
1C - Single Circuit	**BLANK -** None	**Specialty Drivers[15]**	**Sensors**
2C - Separate D/I Circuits[5]	**EC -** Emergency Circuit[10]	**DT1 -** eldoLED EcoDrive Dim to 1% (0-10V)	**DMXX% -** Daylight/Motion Sensor (XX%=% Min. Dimming)
MC - Multiple Circuits[6, 7]	**#EMB6 -** 6W EM Battery[11, 12]	**DTZ -** eldoLED SoloDrive Dim to 0.1% (0-10V)	**VDO -** Lutron Vive Integral Fixture Control (RF w/ Daylight and Occupancy)
DL - Daylight Control[6, 8]	**#EMB10 -** 10W EM Battery[11, 12]	**PSRD -** Philips Sensor Ready (DALI) Driver	**AWNR -** Lutron Athena Wireless Node (RF Only)[19]
NL - Night Lights[6, 9]	**#FCEMB10 -** 10W EM Battery[11, 13]	**LDE1 -** Lutron Hi-Lume EcoSystem LED Driver w/ Soft-on, Fade-to-Black	**AWNS -** Lutron Athena Wireless Node w/ Sensor[19]
	#FCEMB14 - 14W EM Battery[11, 13]	**TW-A -** Tunable White, 0-10V[16]	**NLA -** Acuity nLight Air[18]
	#GTD - Generator Transfer Device w/ ALCR[14]	**TW-EL -** eldoLED DUALdrive Tunable White (DALI)[16]	**NLW -** Acuity nLight Wired[18]
		LD2 - Lutron DALI 2 Digital Tunable White Driver w/ 1% Dimming[17]	**WVL -** Cooper Wavelinx[18]
		HD-XX - HyperDrive Remote Driver[18]	

Ordering Notes

1. Replace underscore (_) with fixture leg length. See page 7.
2. 200 LPF min. output / 1500 LPF max. output.
3. Tunable White Driver must be specified in options.
4. See page 3 for standard and premium options.
5. Separate D/I switched power and dimming (shared neutral).
6. Customer to specify number of zones and locations through factory submittal drawings.
7. Multiple low and line control zones.
8. Multiple low voltage control zones for daylight control.
9. Multiple unswitched wires for night light control zones.
10. Separate power, transfer devices provided by others.
11. '#' indicates number per run.
12. Provided by Iota/Bodine.
13. EM battery is factory choice.
14. Iota EDS-DR Emergency Control Device
15. Standard driver is 0-10V, dim to 1% output current.
16. 75 Watt Max. Dual driver required for higher fixture wattage.
17. 50 Watt Max. Dual driver required for higher fixture wattage.
18. Consult factory.
19. Athena sensor matches finish for white and black fixtures.

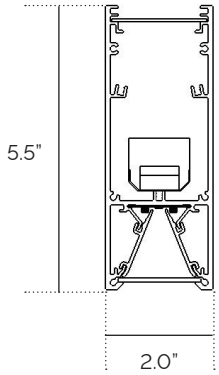
The information in this document is subject to change without notice.
Contact STARTEK for most up to date product details.

STARTEK
ARCHITECTURAL LIGHTING

Tall Beam Shape Suspended

Direct / Indirect

Dimensions



Lumen Packages

Length	Lumens	Input Wattage	LPW
4'	4300	36	120
8'	8600	71	121

NOTE: Based on 3500K CCT. Other CCT available.

Finishes

Standard



PW: White



PB: Black



PS: Silver

Premium Stock



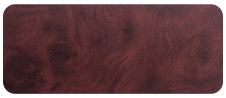
PSF001: Wood 1



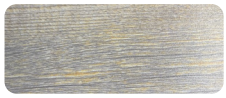
PSF002: Wood 2



PSF003: Wood 3



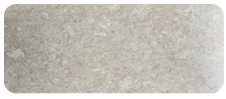
PSF004: Wood 4



PSF005: Wood 5



PSF006: Wood 6



PSF007: Stone 1



PSF008: Stone 2

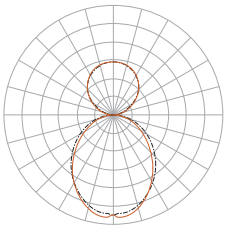


PSF009: Stone 3

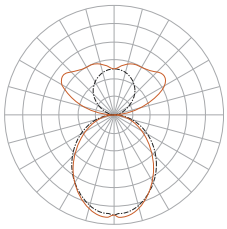
NOTE: A minimal impact to lead times will apply to products specified with Premium Stock Finishes (PSF). It is not to be assumed that these finishes are stocked in our warehouse, but rather, are readily available to us for your project.

All other custom finishes (PO) will incur a set up fee and will add an extended lead time to your project.

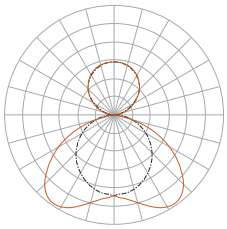
Distribution



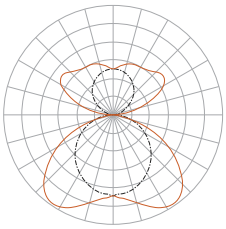
Indirect: Clear (CL)
Direct: SatinIce Diffuse (SD)



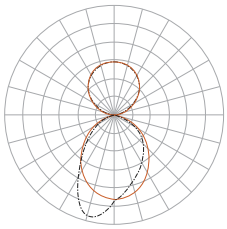
Indirect: Batwing (BW)
Direct: SatinIce Diffuse (SD)



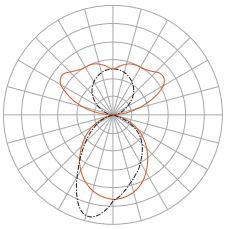
Indirect: Clear (CL)
Direct: Wide Diffuse (WD)



Indirect: Batwing (BW)
Direct: Wide Diffuse (WD)



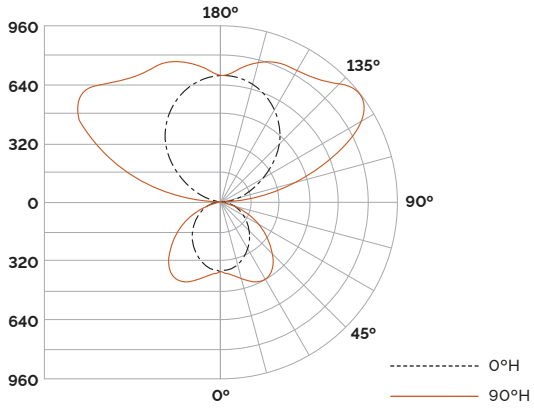
Indirect: Clear (CL)
Direct: Wall Wash (WW)



Indirect: Batwing (BW)
Direct: Wall Wash (WW)

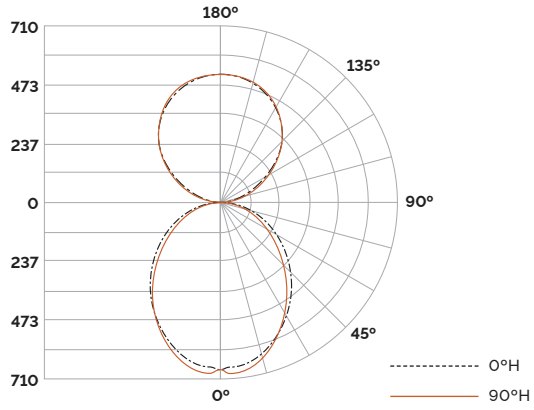
Performance

TALLDI-4-325-750-WD-BW-35K (80+ CRI)



CCT	Length	Lumens	Wattage	LPW
3000K	4'	4300	37	116
	8'	8600	72	119
3500K	4'	4300	36	120
	8'	8600	71	121
4000K	4'	4300	35	124
	8'	8600	68	127
5000K	4'	4300	34	126
	8'	8600	67	128

TALLDI-4-400-375-SD-CL-35K (80+ CRI)

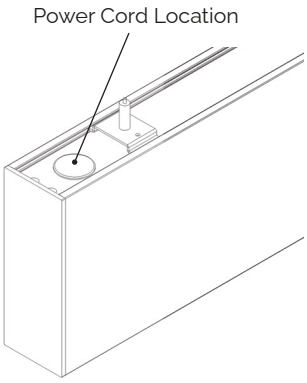


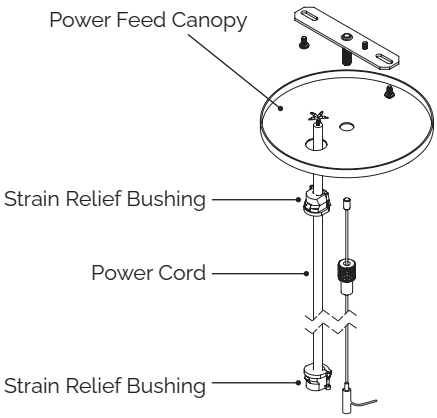
CCT	Length	Lumens	Wattage	LPW
3000K	4'	3025	25	122
	8'	6050	47	128
3500K	4'	3025	24	128
	8'	6050	45	134
4000K	4'	3025	23	132
	8'	6050	44	138
5000K	4'	3025	23	134
	8'	6050	43	141

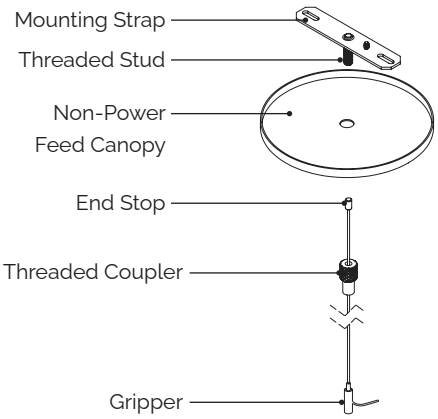
Mounting

ACXXX (Aircraft Cable with Canopy)

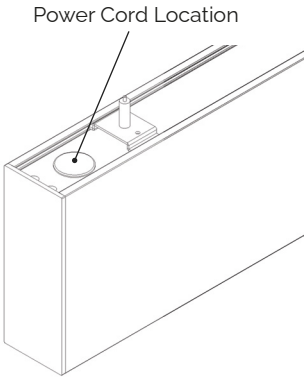
Drywall, Solid, Tile (On-Grid), and Tile (Off-Grid)

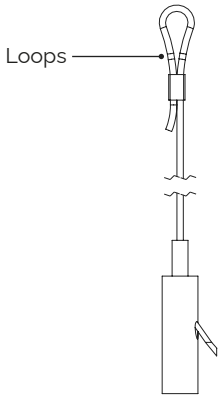




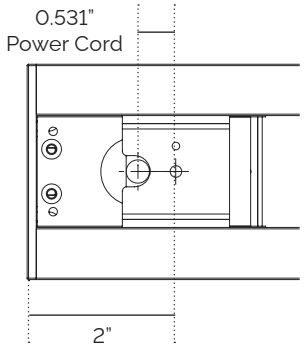


ALXXX (Aircraft Cable with Loops)

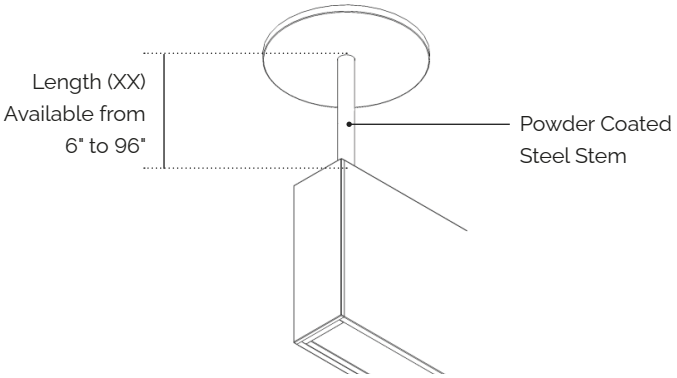


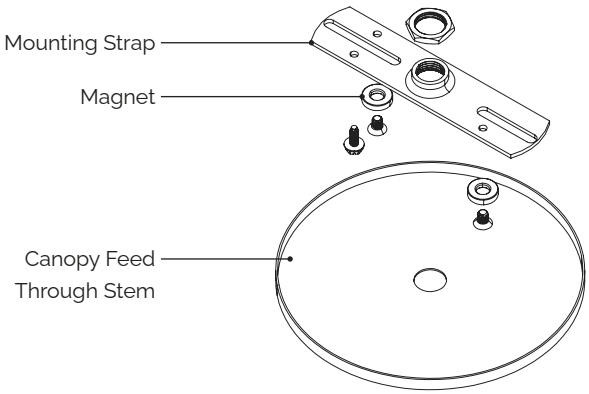


Power Cord & First Mount Details



STEMWXX, STEMBXX (Stem Mount)

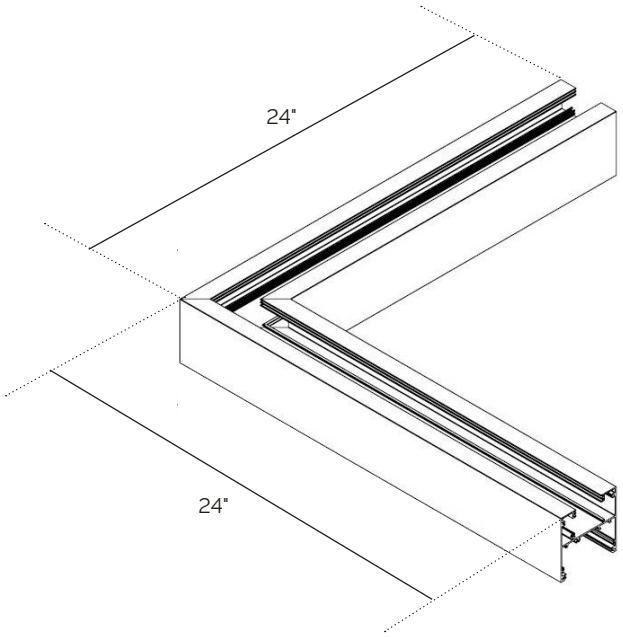




Shape Configuration

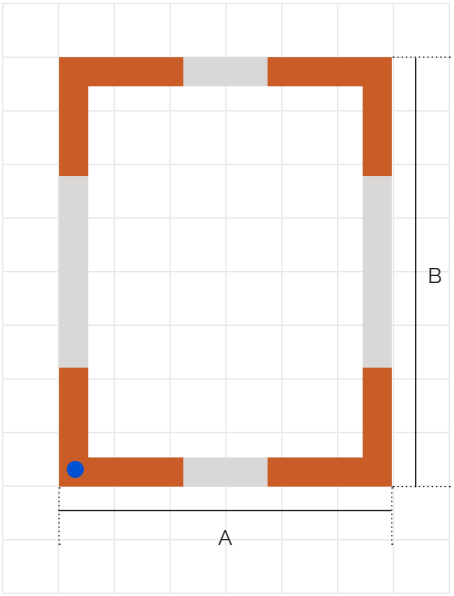
Joint Shape Configuration with Miter Cuts

Example: Standard stock 24" x 24" joint configurations are provided as shown below.



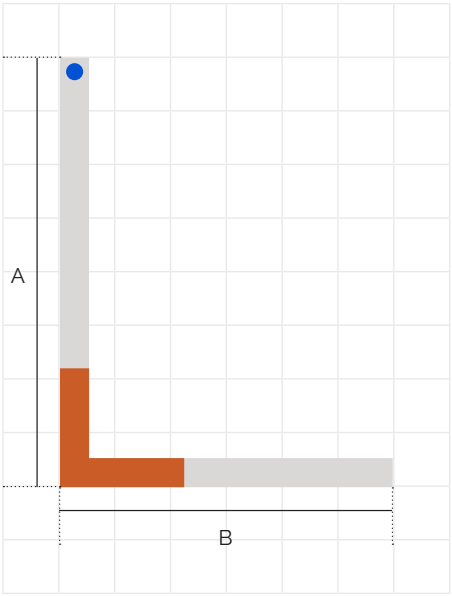
Rectangle (_X_RECT)

Provide AxB dimensions



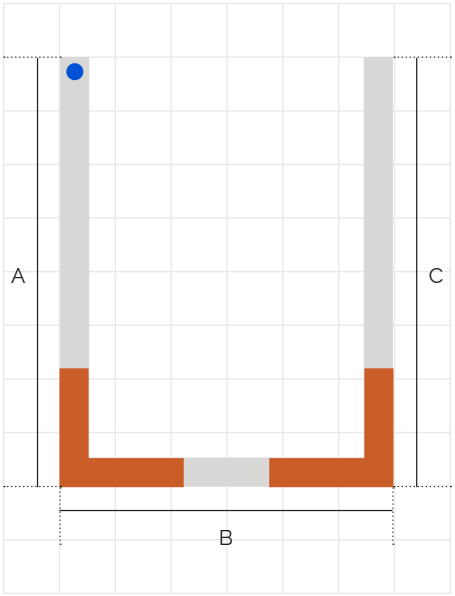
L-Shape (_X_L)

Provide AxB dimensions



U-Shape (_X_X_U)

Provide AxBxC dimensions

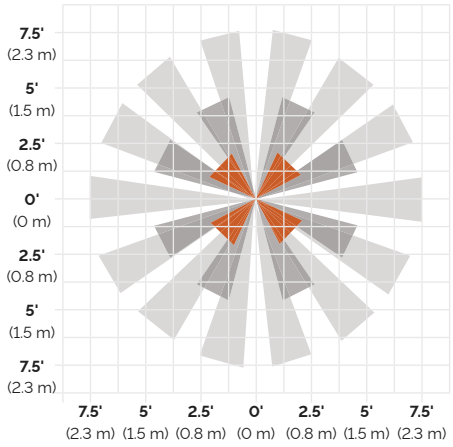


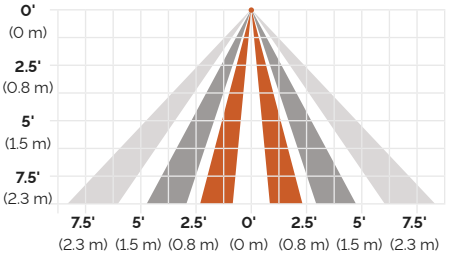
● Power Location

Controls

Sensor

Wattstopper FS-205 v2 Low Voltage PIR. Integrated photosensor for hold-off daylighting control. 24VDC operating voltage. Adjustable time delay (30 seconds to 30 minutes).









Wireless Node

