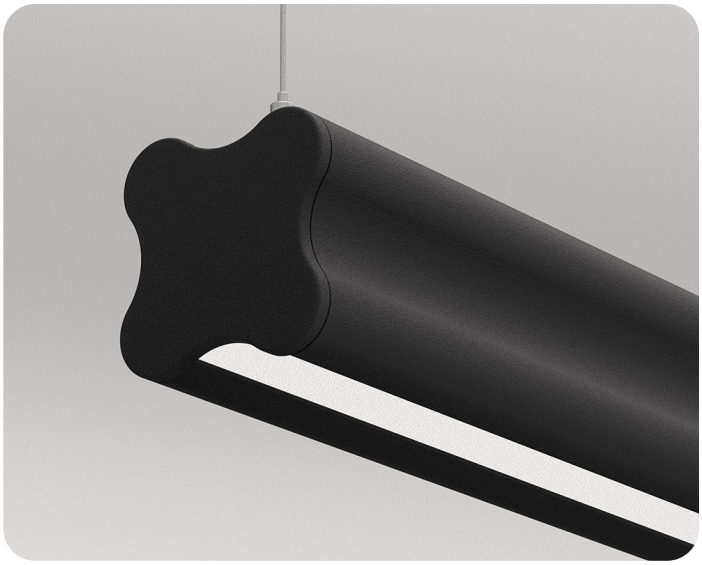
STARTEK
ARCHITECTURAL LIGHTING

Rep/Agent		Type	
Project			
Order No.		Date	

Clover Beam Suspended

Direct / Indirect



Key Features

- Extruded aluminum single piece housing
- Soft diffuse direct lighting
- Continuous lensing standard – runs up to 100'
- Any direct and indirect light combinations can be factory set
- 0-10V dimming to 1% is standard
- Efficacy up to 140 lm/W
- L70 > 50,000 hours

5 Year Warranty · BABA Compliant · BAA Compliant · Intertek · 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: 3.8" x 3.8"
- Nominal thickness: 0.075"

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 $\frac{1}{16}$" 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

- 0.060" 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
- 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.

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

Ordering Logic

CLVRDI-40-750-250-SD-BW-35K-80-PW-ACW10-U-1C-FL-1EMB10

Series	Length	Direct Output[1]	Indirect Output[1]	Direct Distribution	Indirect Distribution
CLVRDI					
	XX - Run Length	**250 -** 250 LPF	**250 -** 250 LPF	**SD -** SatinIce Diffuse	**CL -** Clear Lens
	SXX - Symmetrical Run Length	**500 -** 500 LPF	**500 -** 500 LPF	**WD -** Wide Diffuse	**BW -** Batwing
		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[3]	Mounting	Voltage	Circuiting
27K - 2700K	**80 -** 80 CRI	**Standard Powder Coat**	**Cables w/ Canopy Kits**	**U -** 120-277V	**1C -** Single Circuit
30K - 3000K	**90 -** 90 CRI (R9 50 min)	**PW -** White	**ACW05 -** 5' White Cord	**C -** 347V	**2C -** Separate D/I Circuits[4]
35K - 3500K		**PB -** Black	**ACW10 -** 10' White Cord		**MC -** Multiple Circuits[5, 6]
40K - 4000K		**PS -** Silver	**ACB05 -** 5' Black Cord		**DL -** Daylight Control[5, 7]
50K - 5000K		**Premium**	**ACB10 -** 10' Black Cord		**NL -** Night Lights[5, 8]
TW - Tunable White[2] (2700K-6500K)		**RALXXXX -** Powder Coat Gloss Finish	**Cables w/ Loops**		
		PSFX - Premium Stock Finish	**ALW10 -** 10' White Cord		
		Custom Powder Coat	**ALB10 -** 10' Black Cord		
		PO - Powder Other	**Stem w/ Canopy Kits**		
			STEMWXX - XX" White Stem		
			STEMBXX - XX" Black Stem		

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

Ordering Notes

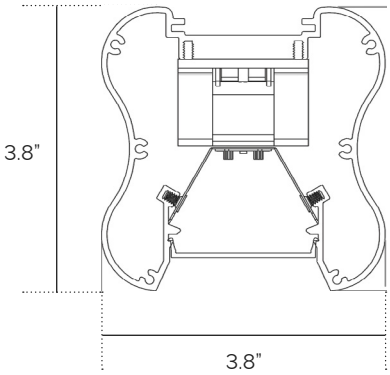
1. 200 LPF min. output / 1500 LPF max. output.
2. Tunable White Driver must be specified in options.
3. See page 3 for standard and premium options.
4. Separate D/I switched power and dimming (shared neutral).
5. Customer to specify number of zones and locations through factory submittal drawings.
6. Multiple low and line control zones.
7. Multiple low voltage control zones for daylight control.
8. Multiple unswitched wires for night light control zones.
9. Separate power, transfer devices provided by others.
10. '#' indicates number per run.
11. Provided by Iota/Bodine.
12. EM battery is factory choice.
13. Iota EDS-DR Emergency Control Device
14. Standard driver is 0-10V, dim to 1% output current.
15. 75 Watt Max. Dual driver required for higher fixture wattage.
16. 50 Watt Max. Dual driver required for higher fixture wattage.
17. Consult factory.
18. Athena sensor matches finish for white and black fixtures.
19. Not available with Drop Lens options.

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

Clover Beam Suspended

Direct / Indirect

Dimensions



End Caps



FL
Flat



RD
Round

Finishes

Standard



PW: White



PB: Black



PS: Silver

Premium Stock



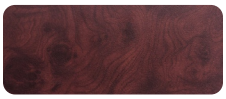
PSF001: Wood 1



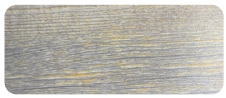
PSF002: Wood 2



PSF003: Wood 3



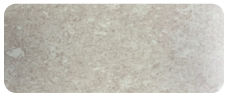
PSF004: Wood 4



PSF005: Wood 5



PSF006: Wood 6



PSF007: Stone 1



PSF008: Stone 2

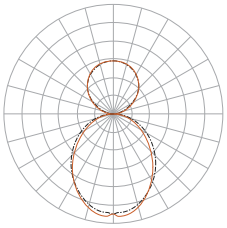


PSF009: Stone 3

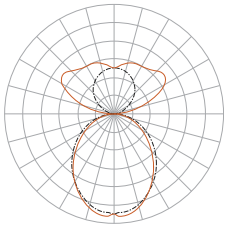
NOTE: A minimal impact to lead times will apply to products specified with Premium Stock Finishes (PSF). It is not to be assumed that these finishes are stocked in our warehouse, but rather, are readily available to us for your project.

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

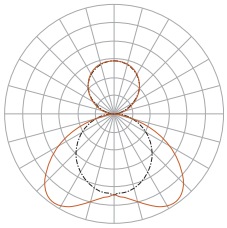
Distribution



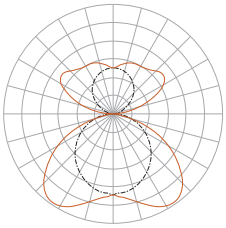
Indirect: Clear (CL)
Direct: SatinIce Diffuse (SD)



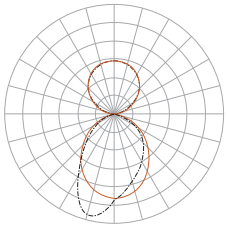
Indirect: Batwing (BW)
Direct: SatinIce Diffuse (SD)



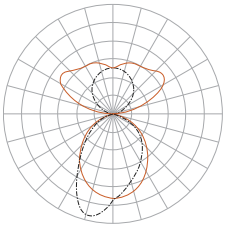
Indirect: Clear (CL)
Direct: Wide Diffuse (WD)



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



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



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

Row Configurations

XX (Run Length)

The standard construction of run lengths follows the logic of the table below. Consult factory for additional information. Run lengths always start with the longest fixture and receives the power feed.

NOTE: Fixtures in continuous runs are available in 6" increments. Consult factory for smaller increments.

Total Length (Feet)	# of Sections						
	2	3	4	5	6	7	8
2	1						
3		1					
4			1				
5				1			
6					1		
7						1	
8							1
9			1	1			
10			1		1		
11		1					1
12			1				1
13				1			1
14					1		1
15						1	1
16							2
17			1	1			1
18			1		1		1
19		1					2
20			1				2
21				1			2
22					1		2
23						1	2
24							3
25			1	1			2
26			1		1		2
27		1					3
28			1				3
29				1			3
30					1		3
31						1	3
32							4
33			1	1			3
34			1		1		3
35		1					4
36			1				4
37				1			4
38					1		4
39						1	4
40							5

SXX (Symmetric Run)

The construction of SXX (y') is to build with equal length fixtures. The xx indicates the run length. The y' indicates the fixture length used to create the run. Please indicate this on your P.O. when placing your order.

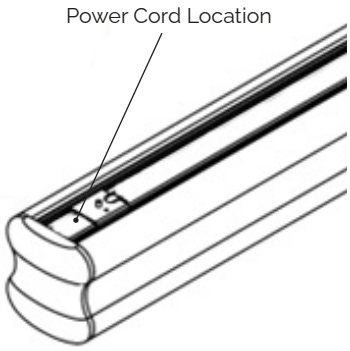
S12' (2')	2'	2'	2'	2'	2'	2'
S12' (3')	3'	3'	3'	3'		
S12' (4')	4'	4'	4'			
S12' (6')	6'	6'				

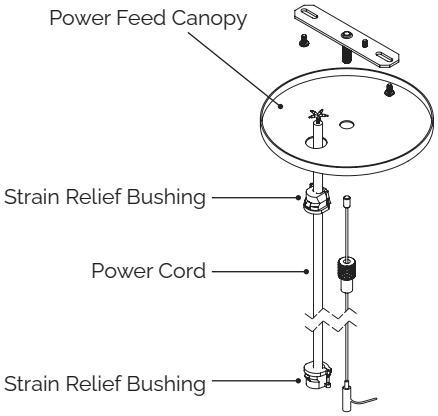
The information in this document is subject to change without notice.
Contact STARTEK for most up to date product details.

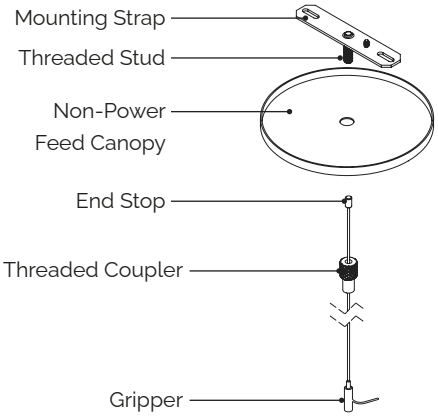
Mounting

ACXXX (Aircraft Cable with Canopy)

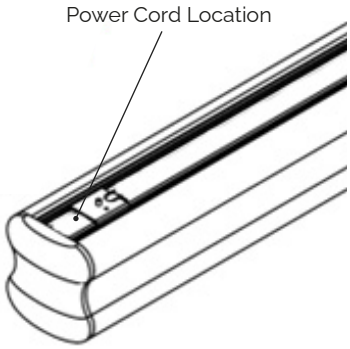
Drywall, Solid, Tile (On-Grid), and Tile (Off-Grid)

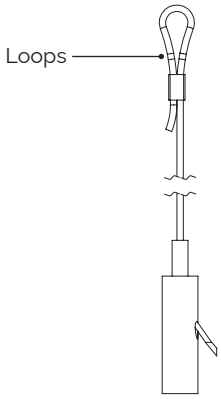




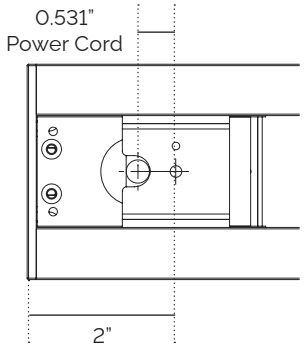


ALXXX (Aircraft Cable with Loops)

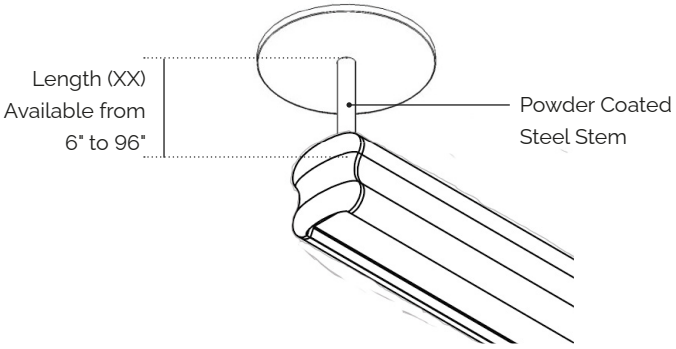


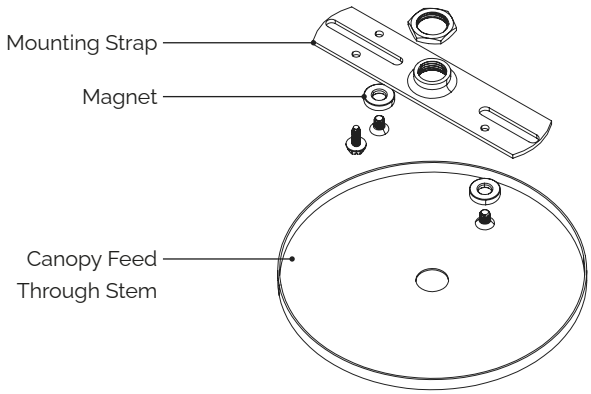


Power Cord & First Mount Details



STEMWXX, STEMBXX (Stem Mount)



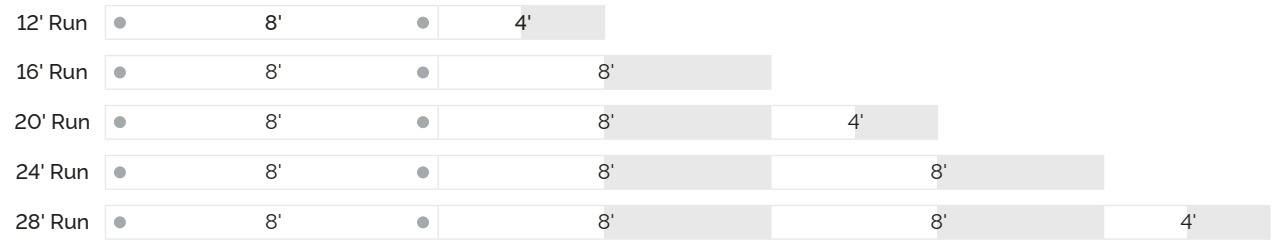


The information in this document is subject to change without notice.
Contact STARTEK for most up to date product details.

Mounting Locations

Each starter or individual fixture will be provided with (2) mounting supports (●). Each additional fixture will be provided with (1) support which can be located anywhere along the second half of the fixture (highlighted below):

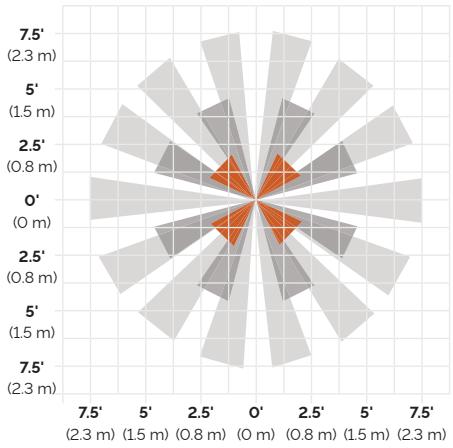
Examples of continuous run mounting locations are as follows:

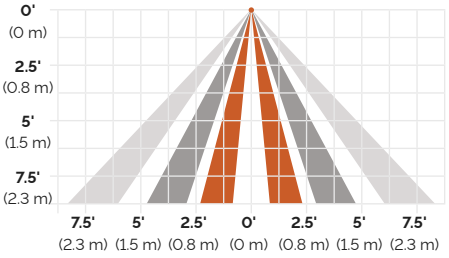


Controls

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).

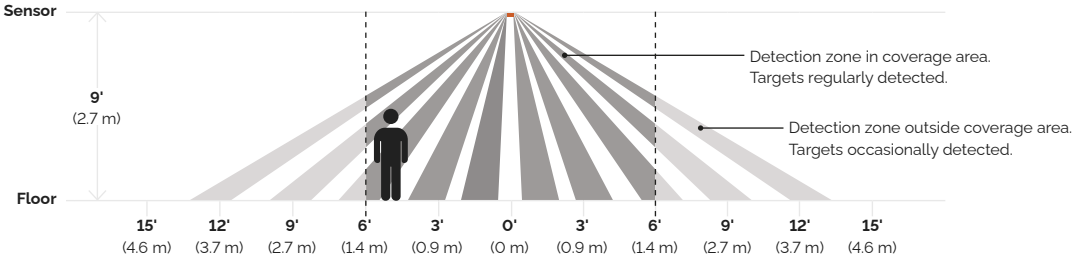








Wireless Node





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