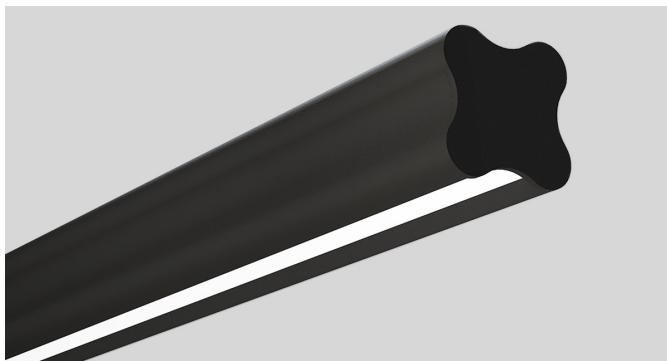
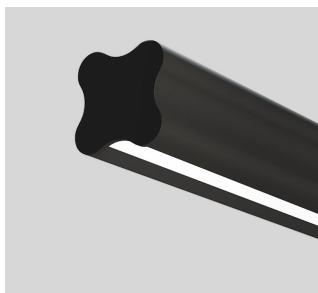


Type:	
Project:	
REP/Agent:	
Order #:	

## CLOVER BEAM DIRECT



### ENDCAP OPTIONS



FL = Flat



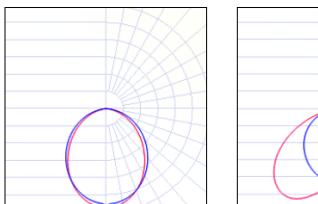
RD = Round



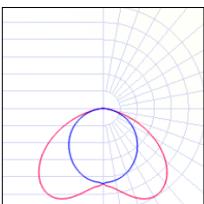
### FEATURES

- ★ Continuous lensing standard—runs up to 200'
- ★ Extruded aluminum single piece housing
- ★ Standard 2', 4', 6' and 8' units, or continuous rows
- ★ Linear runs with proprietary joiner design
- ★ Light levels can be set at the factory
- ★ Efficacy up to 140 lm/W
- ★ Soft diffuse direct lighting
- ★ Textured powder coat finishes available in white, black, and silver
- ★ Premium finishes also available
- ★ Approved for dry and damp locations
- ★ 0-10v dimming is standard
- ★ Dim to 1% of output current is standard
- ★ 90 CRI (R9 50 min) available
- ★ CA Title 24 / JA8 installation compatible
- ★ Consult factory for TM21, TM30, LM79 and LM80

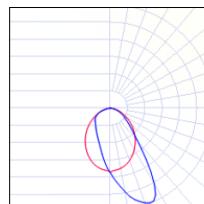
### DISTRIBUTION



SD= Satinice Diffuse

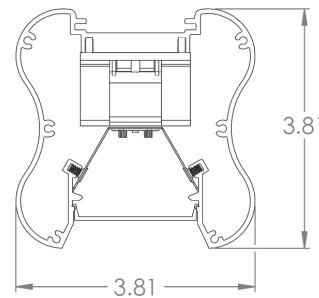


WD= Wide Diffuse



WW= Wall Wash

### DIMENSIONS



# CLOVER BEAM DIRECT

Type:	
Project:	
REP/Agent:	
Order #:	

CLVRD					
Series	Length	Lumens per Foot	Distribution	CCT	CRI
CLVRD	xx= Run Length Sxx= Symmetric Run Length	350= 350 LPF 500= 500 LPF 750= 750 LPF 1000= 1000 LPF XXX= Custom LPF	SD= Satinice Diffuse WD= Wide Diffuse WW= Wall Wash	27K= 2700K 30K= 3000K 35K= 3500K 40K= 4000K 50K= 5000K TW= Tunable White <sup>1</sup> (2700-6500K)	80= 80 90= 90 (R9 50 min)

FINISH	MOUNTING	VOLTAGE	ELECTRICAL	ENDCAPS
<b>STANDARD</b>	<b>CABLES WITH CANOPY KITS</b>			
PW= Powder Coat White	ACW05= White Cord 5' ACW10= White Cord 10'	U= 120-277 C= 347	1C= Single Circuit MC= Multiple Circuits (multiple switch legs across run length)	FL = Flat RD = Round
PB= Powder Coat Black	ACB05= Black Cord 5' ACB10= Black Cord 10'		EC= Emergency Circuit (separate power drops for EC fixtures)	
PS= Powder Coat Silver			GTD= Generator Transfer Device	
<b>PREMIUM</b>	<b>CABLES WITH LOOPS</b>			
RALxxx= Powder Coat RAL xxxx (Gloss Finish)	ALW10= White Cord 10' ALB10= Black Cord 10'			
PSFx= Prem Stock Finish				
<b>CUSTOM</b>	<b>STEM WITH CANOPY KITS</b>			
PO= Powder Other	STEMWxx= Stem White, xx" STEMBxx= Stem Black, xx"			
See pg. 6 for standard and premium options.	<b>SURFACE MOUNT</b>			
	SM= Surface Mt.			

OPTIONS	

**SPECIALTY DRIVERS** (Standard driver is 0-10V, dim to 1% output current)

DT1= eldoLED EcoDrive Dim to 1% (0-10V)  
 DT2= eldoLED SoloDrive Dim to 0.1% (0-10V)  
 PSRD= Philips Sensor Ready (DALI) Driver  
 LDE1= Lutron Hi-Lume EcoSystem LED driver with Soft-on, Fade-to-Black  
 TW-A= Tunable White, 0-10V<sup>2</sup>  
 TW-EL= eldoLED DUALdrive Tunable White (DALI)<sup>2</sup>  
 LD2= Lutron DALI 2 Digital Tunable White driver with 1% dimming<sup>2</sup>  
 RD-xx'-xxxx= Remote Driver 120V-277V  
 Consult Factory

**BATTERIES**

#EMB6= 6W EM Battery (Iota/Bodine)  
 #EMB10= 10W EM Battery (Iota/Bodine)  
 #FCEMB10= 10W EM Battery (Factory Choice)  
 #FCEMB14= 14W EM Battery (Factory Choice)

## SENSORS

DMxx%= Daylight/Motion Sensor (xx% = % Min. Dimming)  
 VDO= Lutron Vive Integral fixture control (RF w/ daylight and occupancy)  
 AWNR-W= Lutron Athena Wireless Node (RF only)<sup>3</sup> - White Finish  
 AWNR-B= Lutron Athena Wireless Node (RF only)<sup>3</sup> - Black Finish  
 NLA= Acuity nLight Air  
 WVL= Cooper Wavelinx

<sup>1</sup> Tunable White Driver must be specified in options

<sup>2</sup> 50 Watt Max. Dual driver required for higher fixture wattage

<sup>3</sup> D4i driver for static & DALI-2 Type 8 for tunable.

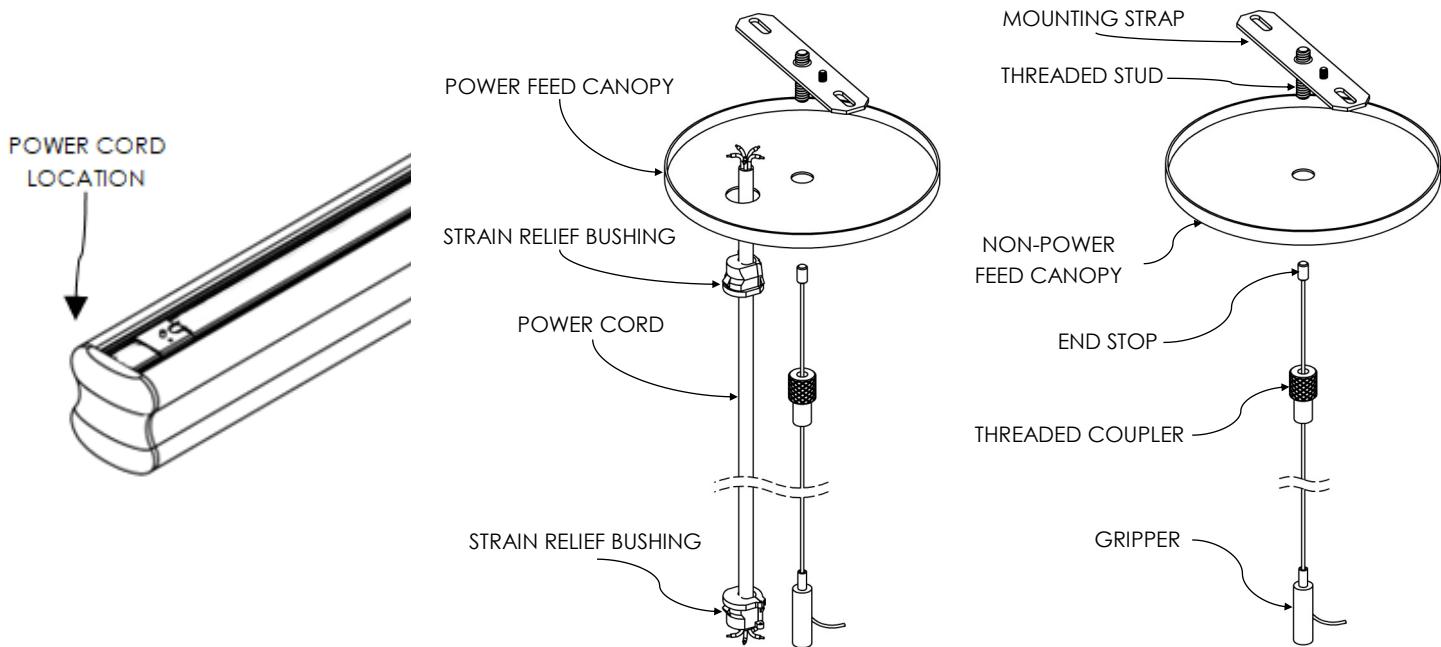
**EXAMPLE:** CLVRD-40-750-SD-35K-80-PW-ACW10-U-1C-FL-1EMB10

# CLOVER BEAM DIRECT

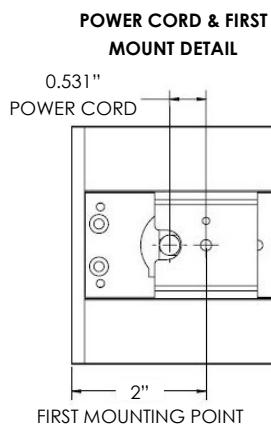
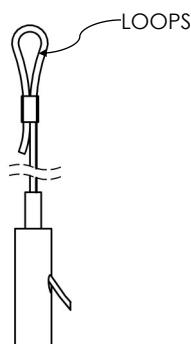
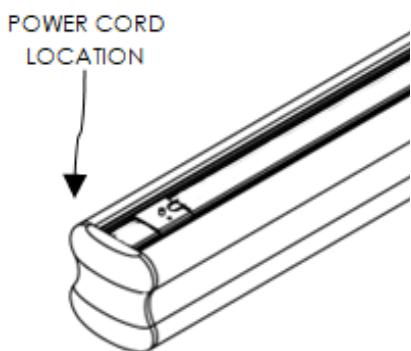
## MOUNTING OPTIONS

ACxxx (Aircraft Cable with Canopy) - Drywall, Solid, Tile (On-Grid), Tile (Off-Grid)

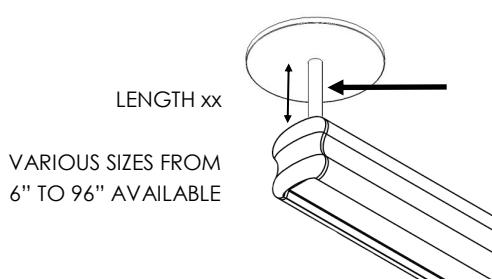
**STARTEK**  
LIGHTING AMERICA



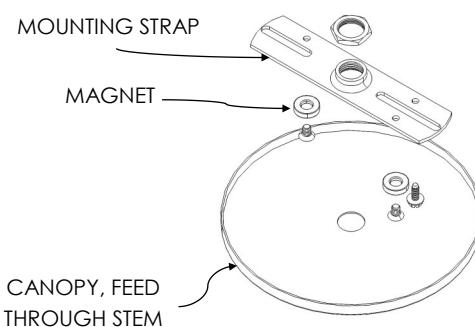
AIxxx (Aircraft Cable with Loops)



STEMWxx, STEMBxx (Stem Mount)



POWDERCOATED STEEL STEM



## 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 feeds.

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

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

### 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.

<b>\$12' (2')</b>	2'	2'	2'	2'	2'
<b>\$12' (3')</b>	3'	3'	3'	3'	3'
<b>\$12' (4')</b>	4'	4'	4'	4'	4'
<b>\$12' (6')</b>	6'	6'	6'	6'	6'

### 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 2nd half of the fixture (highlighted below):

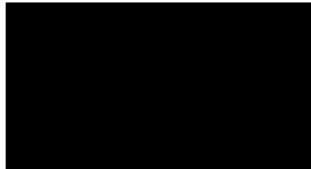
Examples of continuous run mounting locations are as follows:

<b>12' RUN</b>	●	8'	●	4'	
<b>16' RUN</b>	●	8'	●	8'	
<b>20' RUN</b>	●	8'	●	8'	4'
<b>24' RUN</b>	●	8'	●	8'	8'
<b>28' RUN</b>	●	8'	●	8'	8' 4'

### STANDARD FINISHES



WHITE MINI TEXTURE



BLACK MINI TEXTURE



SILVER SPARKLE TEXTURE

### PREMIUM STOCK FINISHES



PSF001 (WOOD#1)



PSF002 (WOOD#2)



PSF003 (WOOD#3)



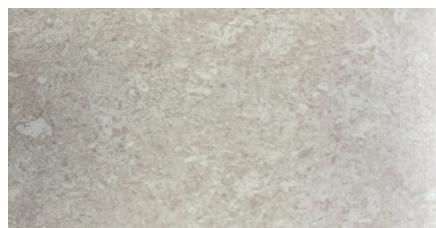
PSF004 (WOOD#4)



PSF005 (WOOD#5)



PSF006 (WOOD#6)



PSF007 (STONE #1)



PSF008 (STONE #2)



PSF009 (METAL #1)

**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.**

# CLOVER BEAM DIRECT

## SPECIFICATIONS

### Housing

Nominal 3.8" x 3.8" x .075" thick housing of continuous extruded 6063 T5 aluminum.

### Color

Colors for the housing are available in a powder coated white, black, silver, and woodgrain with end cap to match. Consult factory for custom colors.

### Luminaire Length

2', 4', 6' or 8' lengths are available for a single stand-alone section. Using internal joiners, these sections can be joined to form longer rows.

### End Caps

End caps are mechanically attached with no exposed fasteners to enhance architectural aesthetic and prevent light leak.

### Source

Lumen packages are available in four color temperature options (3000K, 3500K, 4000K and 5000K) — all within 3 MacAdam ellipses.

### Certification

Intertek cETLus Listed. RoHS (Restriction of Hazardous Substances) and Buy American Act compliant.

### Battery

Lithium ion battery providing up to 780lm(6W) or up to 1300lm(10W) for 90 minutes. UL924 listed. Class 2 compliant. Meets Title 20 CEC (California Energy Commission) efficiency standards.

### Lensing

0.080" thick impact resistant acrylic lensing.

### Environment

Suitable for dry and damp locations.

Operating temp.: -40°C to +50°C  
-40°F to +122°F

### Dimming Driver (Integral Driver)

UL listed, class P (0-10V) dimming driver with programmable current for configurable fixture lumen outputs.

2.5 Kv overcurrent protection  
Power factor >.9

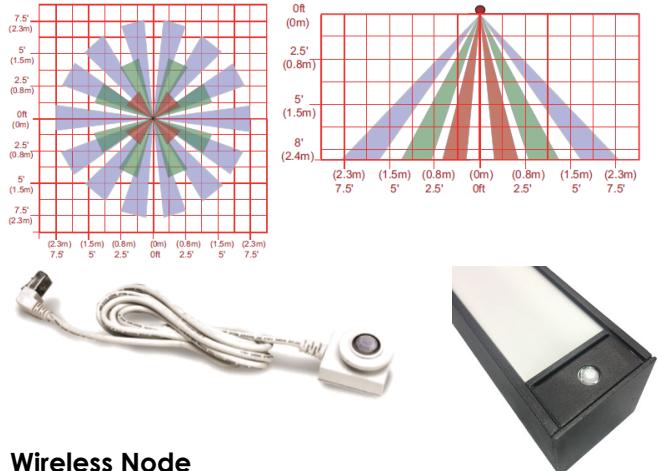
### Packaging

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

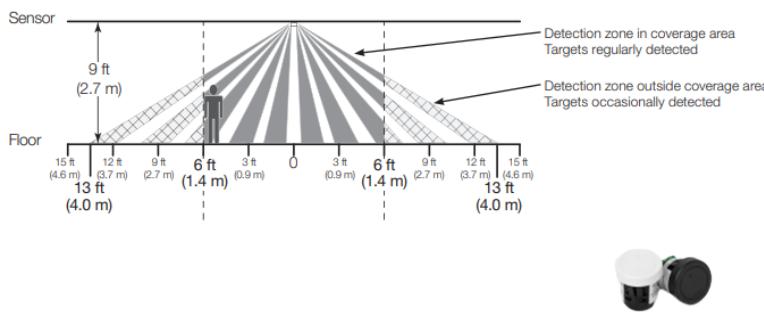
## CONTROL

### 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



## WARRANTY

5-year limited warranty. Complete warranty terms can be located at:

[http://www.starteklightingamerica.com/images/pdf/warranty/Beam\\_Series\\_Warranty.pdf](http://www.starteklightingamerica.com/images/pdf/warranty/Beam_Series_Warranty.pdf)

Note: Actual performance may differ as a result of installation environment and final application.  
All values are design or typical values, measured under laboratory conditions, at 25°C (77°F).