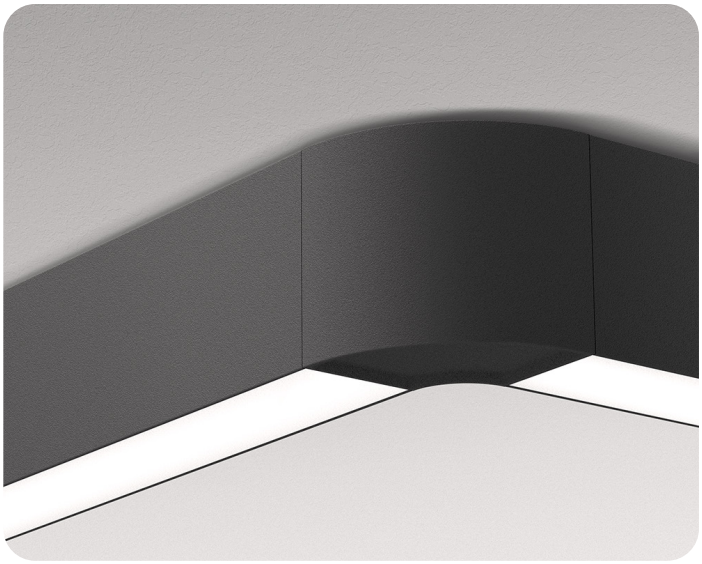
STARTEK
ARCHITECTURAL LIGHTING

Rep/Agent		Type	
Project			
Order No.		Date	

Slim Beam Hub Surface

Direct



Key Features

- Extruded aluminum single piece housing
- Continuous lensing standard – runs up to 100'
- Light levels can be factory set
- 0-10V dimming to 1% is standard
- Efficacy up to 135 lm/W
- Consult factory for TM21, TM30, LM79 and LM80

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: 2.1" x 3.5"
- 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 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

SLIMDH-13-500-SD-30K-90-PW-SM-U-1C-S

Series	Length	Direct Output[1]	Direct Distribution	CCT	CRI
SLIMDH					
	XX - Run Length	**250 -** 250 LPF	**SD -** SatinIce Diffuse	**27K -** 2700K	**80 -** 80 CRI
		500 - 500 LPF	**WD -** Wide Diffuse	**30K -** 3000K	**90 -** 90 CRI (R9 50 min)
		750 - 750 LPF	**WW -** Wall Wash	**35K -** 3500K	
		1000 - 1000 LPF		**40K -** 4000K	
		XXX - Custom LPF		**50K -** 5000K	

Finish[2]	Mounting	Voltage	Circuiting	Emergency	Fixture Type
	SM	U			
Standard Powder Coat	**SM -** Suface Mount	**U -** 120-277V	**1C -** Single Circuit	**BLANK -** None	**S -** Start
PW - White			**MC -** Multiple Circuits[3, 4]	**EC -** Emergency Circuit[7]	**M -** Middle
PB - Black			**DL -** Daylight Control[3, 5]	**#EMB6 -** 6W EM Battery[8, 9]	**E -** End
PS - Silver			**NL -** Night Lights[3, 6]	**#EMB10 -** 10W EM Battery[8, 9]	
Premium				**#FCEMB10 -** 10W EM Battery[8, 10]	
RALXXXX - Powder Coat Gloss Finish				**#FCEMB14 -** 14W EM Battery[8, 10]	
Custom Powder Coat				**#GTD -** Generator Transfer Device w/ ALCR[11]	
PO - Powder Other					

Options
Sensors
DMXX% - Daylight/Motion Sensor (XX%=% Min. Dimming)
VDO - Lutron Vive Integral Fixture Control (RF w/ Daylight and Occupancy)
AWNR - Lutron Athena Wireless Node (RF Only)[12]
AWNS - Lutron Athena Wireless Node w/ Sensor[12]
NLA - Acuity nLight Air[13]
NLW - Acuity nLight Wired[13]
WVL - Cooper Wavelinx[13]

Ordering Notes

1. 200 LPF min. output / 1500 LPF max. output.
2. See page 3 for standard and premium options.
3. Customer to specify number of zones and locations through factory submittal drawings.
4. Multiple low and line control zones.
5. Multiple low voltage control zones for daylight control.
6. Multiple unswitched wires for night light control zones.
7. Separate power, transfer devices provided by others.
8. '#' indicates number per run.
9. Provided by Iota/Bodine.
10. EM battery is factory choice.
11. Iota EDS-DR Emergency Control Device
12. Athena sensor matches finish for white and black fixtures.
13. Consult factory.

Hub Ordering Logic

SHUB-SL-PW

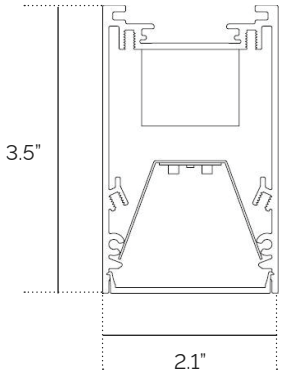
Series	Shape[1, 2, 3]		Finish[4]	
SHUB				
	Sharp Hubs	**Curved Hubs**	**Standard Powder Coat**	**Premium**
	SL - 'L' Hub	**CL -** 'L' Hub	**PW -** White	**RALXXXX -** Powder Coat Gloss Finish
	ST - 'T' Hub	**CT -** 'T' Hub	**PB -** Black	**Custom Powder Coat**
	SX - 'X' Hub	**CX -** 'X' Hub	**PS -** Silver	**PO -** Powder Other
	SI - 'I' Hub	**CI -** 'I' Hub		
	SE - 'E' Hub	**CE -** 'E' Hub		

Ordering Notes

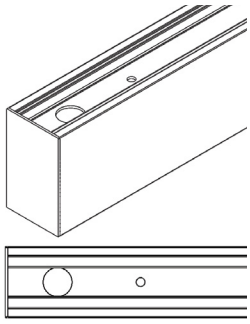
1. Custom configurations available. Consult factory for more information.
2. If no 'E' hubs are selected, a regular flat end cap will be provided by default.
3. See page 4 for Hub configurations.
4. See page 3 for standard and premium options.

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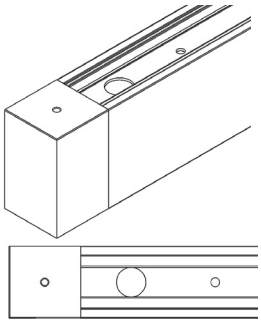
Dimensions



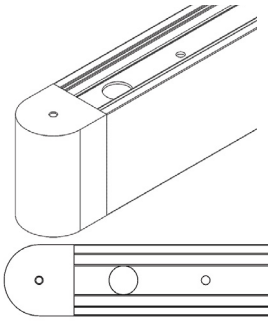
End Caps



Flat



Sharp



Curved

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

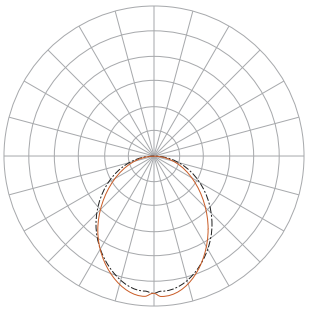
PSF008: Stone 2

PSF009: Stone 3

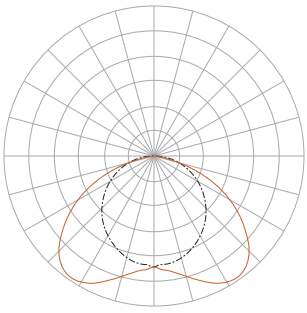
NOTE: A minimal impact to lead times will apply to products specified with Premium Stock Finishes (PSF). It is not to be assumed that these finishes are stocked in our warehouse, but rather, are readily available to us for your project.

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

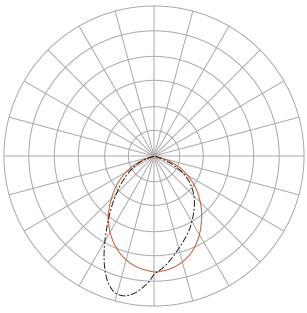
Distribution



Direct: SatinIce Diffuse (SD)



Direct: Wide Diffuse (WD)



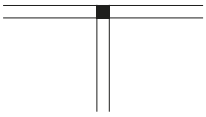
Direct: Wall Wash (WW)

Hub Configurations

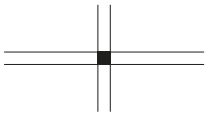
Sharp



'L' Sharp (SL)



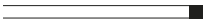
'T' Sharp (ST)



'X' Sharp (SX)



'I' Sharp (SI)

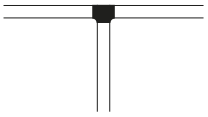


'E' Sharp (SE)

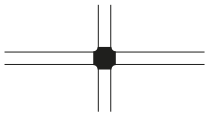
Curved



'L' Curved (CL)



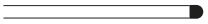
'T' Curved (CT)



'X' Curved (CX)



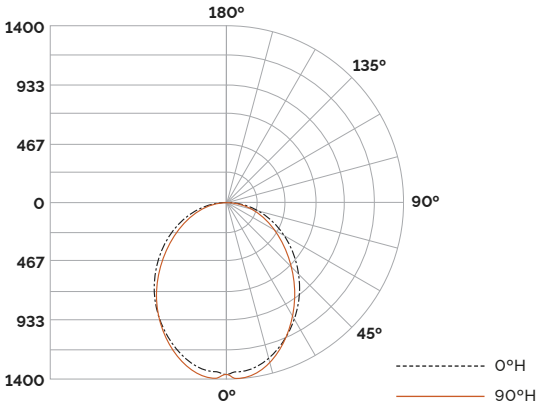
'I' Curved (CI)



'E' Curved (CE)

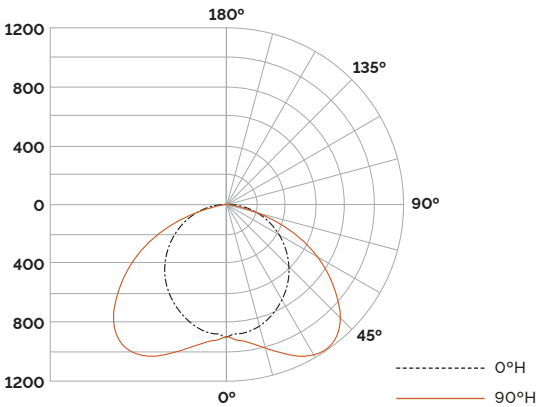
Performance

SLIMDH-4-750-SD-35K (80+ CRI)



CCT	Length	Lumens	Wattage	LPW
3000K	4'	3000	26	116
	8'	6000	48	124
3500K	4'	3000	25	120
	8'	6000	47	128
4000K	4'	3000	24	123
	8'	6000	46	131
5000K	4'	3000	24	127
	8'	6000	44	135

SLIMDH-4-750-WD-35K (80+ CRI)



CCT	Length	Lumens	Wattage	LPW
3000K	4'	3000	26	116
	8'	6000	48	124
3500K	4'	3000	25	120
	8'	6000	47	128
4000K	4'	3000	24	123
	8'	6000	46	131
5000K	4'	3000	24	127
	8'	6000	44	135

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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

Submit With Order

Bill of Materials Guide

How to use: Fill out the worksheet to specify your requirements for your configurations.
Be sure to call out battery and sensor locations.

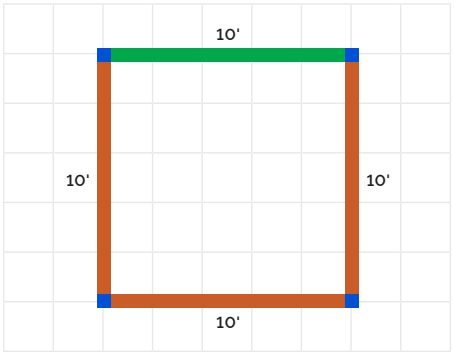
Refer to the run chart for standard run configurations on linear lengths. Consult factory for custom configurations.
Use the order guide to create your BOM for you configuration.

Submit this worksheet along with your order.

Example 1

Qty.	Type
1	SLIMDH-10-500-SD-30K-90-PW-ACW05-U-1C-S
3	SLIMDH-10-500-SD-30K-90-PW-ACW05-U-1C-M
4	SHUB-SL-PB

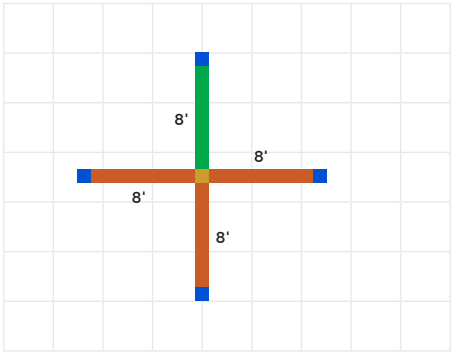
Example 1 Configuration



Example 2

Qty.	Type
1	SLIMDH-8-500-SD-30K-90-PW-ACW05-U-1C-S
3	SLIMDH-8-500-SD-30K-90-PW-ACW05-U-1C-M
4	SHUB-SI-PB
1	SHUB-SX-PB

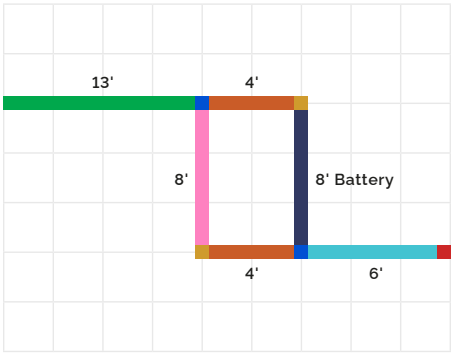
Example 2 Configuration



Example 3

Qty.	Type
1	SLIMDH-13-500-SD-30K-90-PW-ACW05-U-1C-S
2	SLIMDH-4-500-SD-30K-90-PW-ACW05-U-1C-M
1	SLIMDH-8-500-SD-30K-90-PW-ACW05-U-1C-M
1	SLIMDH-8-500-SD-30K-90-PW-ACW05-U-1C-M-1EMB6
1	SLIMDH-6-500-SD-30K-90-PW-ACW05-U-1C-E
2	SHUB-SL-PB
2	SHUB-ST-PB
2	SHUB-SE-PB

Example 3 Configuration



Submit With Order

Bill of Materials Guide

Order Guide

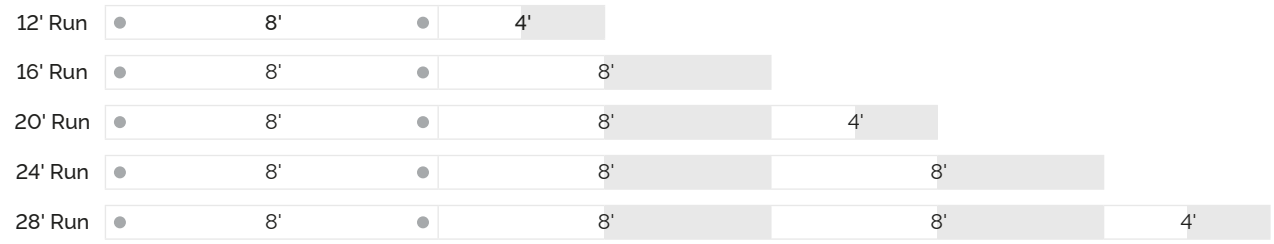
Qty.	Type

Qty.	Type

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):

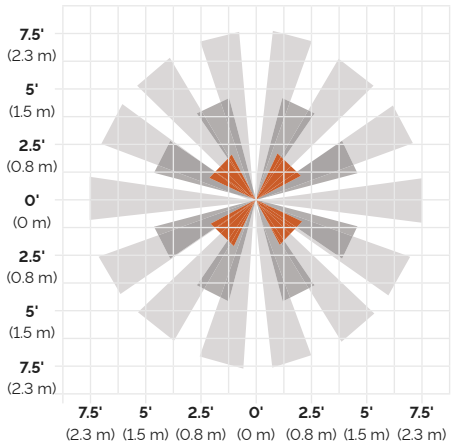
Examples of continuous run mounting locations are as follows:

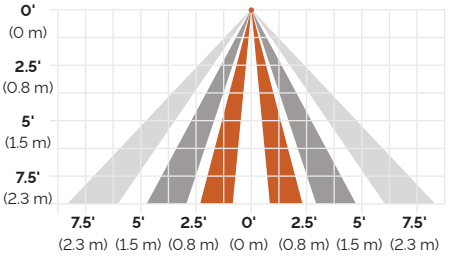


Controls

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

