# SLIM BEAM DIRECT





## DIFFUSING
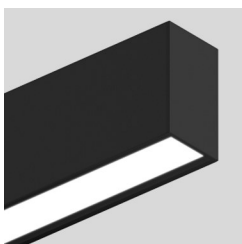

FLUSH, H: 3.5"
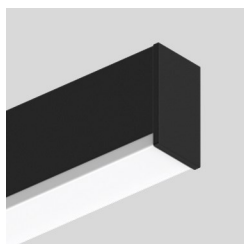

DL05, H: 4.0"


DL10, H: 4.5"


DL15, H: 5.0"
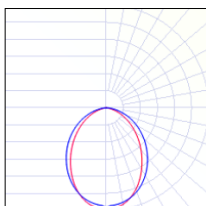
## FEATURES

★ 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 135 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 50min) available

★ CA Title 24 / JA8 installation compatible

★ Consult factory for TM21, TM30, LM79 and LM80

## DISTRIBUTION


SD= SatinIce Diffuse


WD= Wide Diffuse

## DIMENSIONS


3.5"
2.0"

# STARTEK
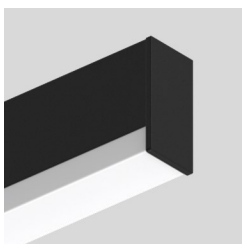## LIGHTING AMERICA
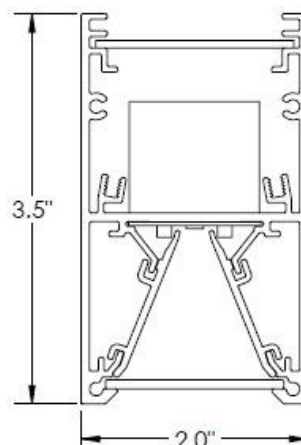
| Type: | |
|---|---|
| Project: | |
| REP/Agent: | |
| Order #: | |

# SLIM BEAM DIRECT

| SLIMD | | | | | |
|---|---|---|---|---|---|
| **SERIES** | **LENGTH** | **LUMENS PER FOOT** | **DISTRIBUTION** | **CCT** | **CRI** |
| SLIMD | **xx**= Run Length<br>**Sxx**= Symmetric Run Length<br>**_x_RECT**= Rectangle<br>**_x_L**= L-Shape<br>**_x_x_U**= U-Shape | **350**= 350 LPF<br>**500**= 500 LPF<br>**750**= 750 LPF<br>**1000**= 1000 LPF<br>**XXX**= Custom LPF | **SD**= SatinIce Diffuse<br>**WD**= Wide Diffuse<br>**WW**= Wall Wash<br>**DL05**= Satin Diffuse 0.5" Drop<br>**DL10**= Satin Diffuse 1.0" Drop<br>**DL15**= Satin Diffuse 1.5" Drop<br>**DLLE05**= 0.5" Drop w/ Lit Ends<br>**DLLE10**= 1.0" Drop w/ Lit Ends<br>**DLLE15**= 1.5" Drop w/ Lit Ends<br><br>*Seamless Continuous Lensing Unavailable for "DL" Options.* | **30K**= 3000K<br>**35K**= 3500K<br>**40K**= 4000K<br>**50K**= 5000K<br>**TW**= Tunable White[1]<br>*(2700-6500K)* | **80**= 80<br>**90**= 90 *(R9 50 min)* |

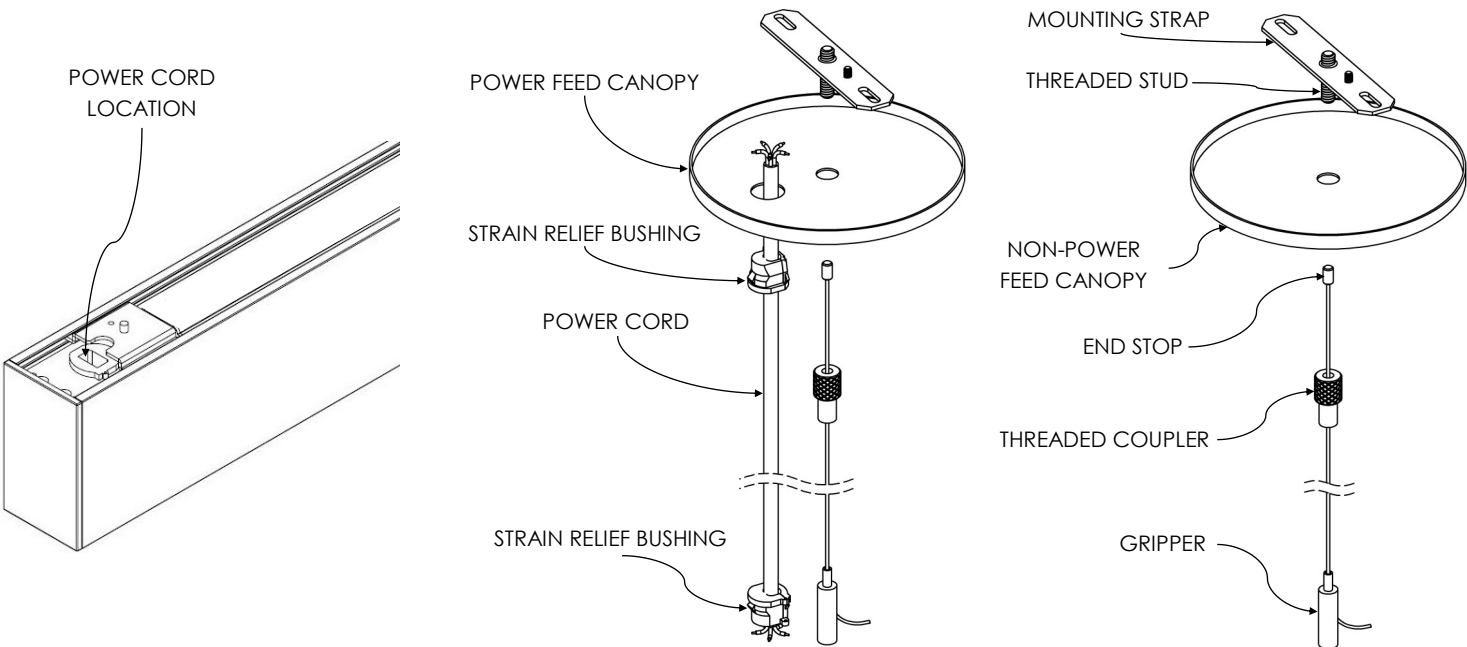| **FINISH** | **MOUNTING** | **VOLTAGE** | **ELECTRICAL** |
|---|---|---|---|
| **STANDARD**<br>**PW**= Powder Coat White<br>**PB**= Powder Coat Black<br>**PS**= Powder Coat Silver<br><br>**PREMIUM**<br>**RALxxxx**= Powder Coat RAL xxxx (Gloss Finish)<br>**PSFx**= Prem Stock Finish<br><br>**CUSTOM**<br>**PO**= Powder Other<br><br>*See pg. 8 for standard and premium options.* | **CABLES WITH CANOPY KITS**<br>**ACW05**= White Cord 5'<br>**ACW10**= White Cord 10'<br>**ACB05**= Black Cord 5'<br>**ACB10**= Black Cord 10'<br><br>**CABLES WITH LOOPS**<br>**ALW10**= White Cord 10'<br>**ALB10**= Black Cord 10'<br><br>**WALL MOUNTS**<br>**WM**= Wall Mount<br>**AWM**= Architectural Wall Mt<br>**EWM**= Extruded Wall Mount<br><br>**STEM WITH CANOPY KITS**<br>**STEMWxx**= Stem White, xx"<br>**STEMBxx**= Stem Black, xx" | **U**= 120-277<br>**C**= 347 | **1C**= Single Circuit<br>**MC**= Multiple Circuits<br>*(multiple switch legs across run length)*<br>**EC**= Emergency Circuit<br>*(separate power drops for EC fixtures)*<br>**GTD**= Generator Transfer Device |

## OPTIONS

**SPECIALTY DRIVERS** *(Standard driver is 0-10V, dim to 1% output current)*
**DT1**= eldoLED EcoDrive Dim to 1% (0-10V)
**DTZ**= 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[2]
**TW-EL**= eldoLED DUALdrive Tunable White (DALI)[2]
**PSQ02U**= Lutron T-Series 1% 2-Channel Tunable White driver[2]

**BATTERIES**
**#EMB6**= 6W EM Battery (Bodine BSL06T3)
**#EMB10**=10W EM Battery (Bodine BSL10T3)
**#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)[3] - White Finish
**AWNR-B**= Lutron Athena Wireless Node (RF only)[3] - Black Finish

**ENDCAPS**
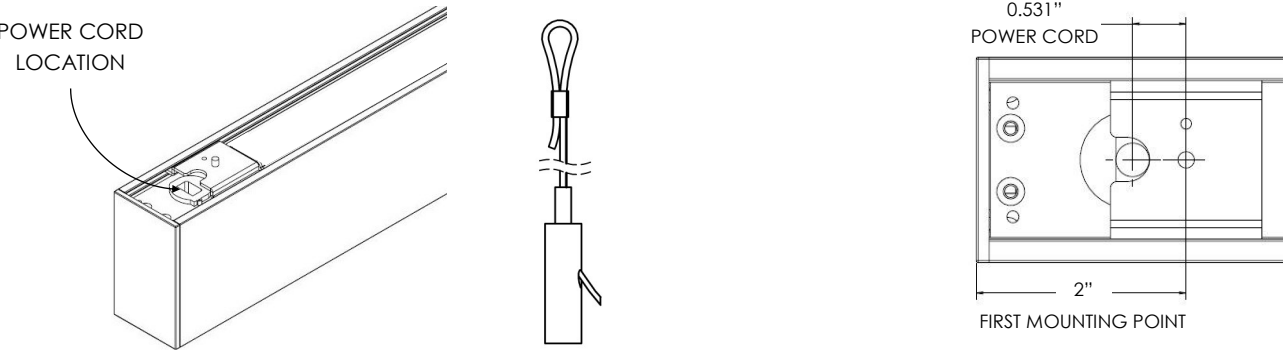**RD** = round endcap (not available with "DL" options)

[1] *Tunable White Driver must be specified in options*
[2] *50 Watt Max. Dual driver required for higher fixture wattage*
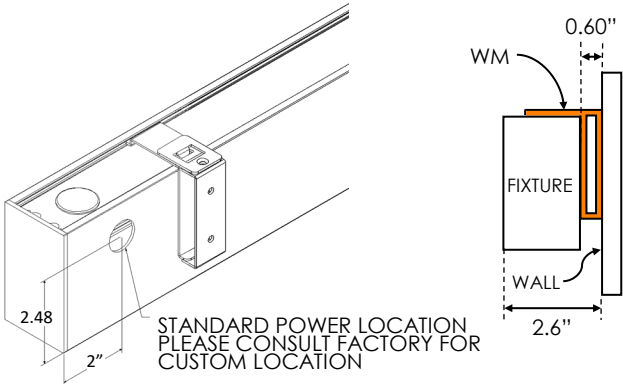[3] *D4i driver for static & DALI-2 Type 8 for tunable.*

**EXAMPLE:   SLIMD-40-750-WD-35K-80-PW-ACW10-U-1C-1EMB10**

# SLIM BEAM DIRECT

## MOUNTING OPTIONS

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

POWER CORD LOCATION

POWER FEED CANOPY

MOUNTING STRAP

THREADED STUD

STRAIN RELIEF BUSHING

NON-POWER FEED CANOPY

POWER CORD

END STOP

THREADED COUPLER

STRAIN RELIEF BUSHING

GRIPPER

### ALxxx (Aircraft Cable with Loops)

POWER CORD LOCATION

**POWER CORD & FIRST MOUNT DETAIL**

0.531"
POWER CORD

2"

FIRST MOUNTING POINT

### WM (Wall Mount)

WM

0.60"

FIXTURE

WALL

2.6"

2.48

2"

STANDARD POWER LOCATION
PLEASE CONSULT FACTORY FOR CUSTOM LOCATION

### AWM (Architectural Wall Mount)

0.685"

WALL

FIXTURE

AWM

JUNCTION BOX

2.7"

POWER WIRES LOCATED AT CENTER OF FIXTURE

# SLIM BEAM DIRECT

## MOUNTING OPTIONS, CONTINUED

### EWM (Extruded Wall Mount)



3.0"

WALL

FIXTURE

EWM

JUNCTION BOX

5.0"

POWER LOCATION

WALL

STARTER FIXTURE    FIXTURE
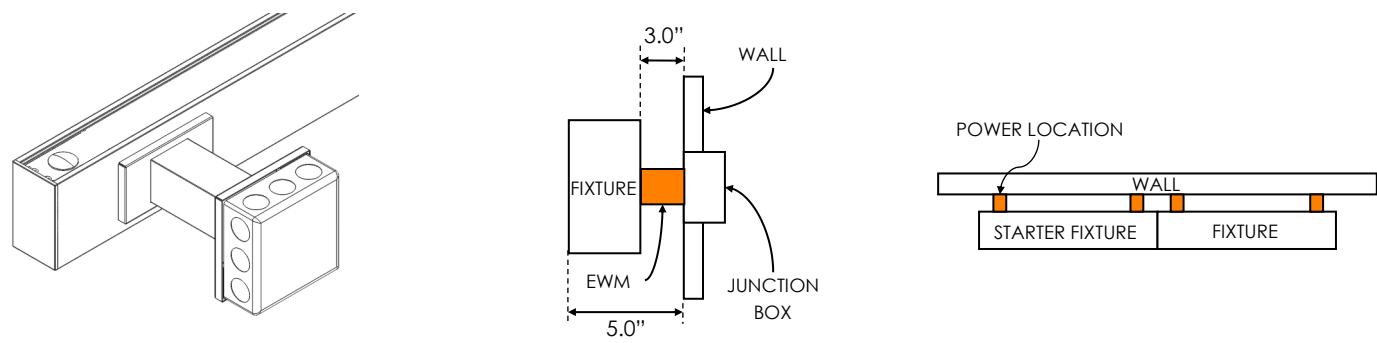
### STEMWxx, STEMBxx (Stem Mount)



LENGTH xx

POWDERCOATED STEEL STEM

VARIOUS SIZES FROM 6" TO 96" AVAILABLE

MOUNTING STRAP

MAGNET

CANOPY, FEED THROUGH STEM
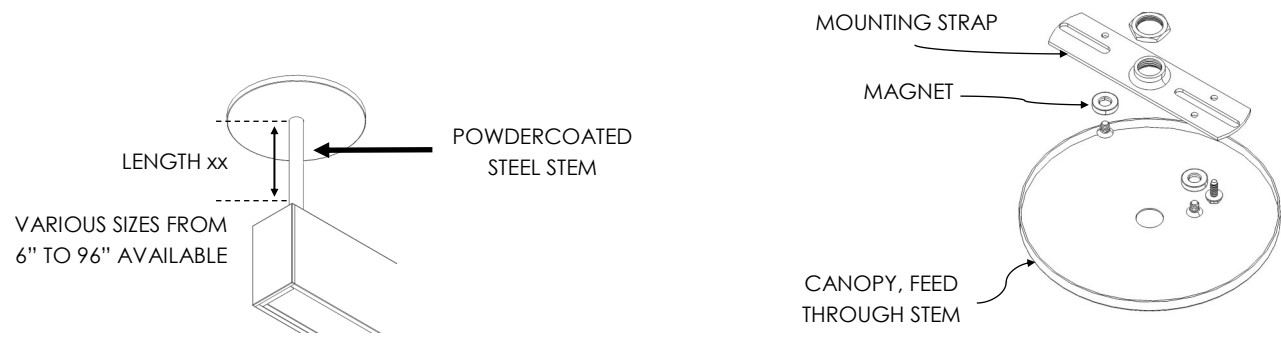
# ROW CONFIGURATIONS

## xx (Run Length)

The standard construction of run lengths follows the logic of the table below. Consult factory for additional information.

**Total Length**

| # of Sections | 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 |   |   |   |
| 6 |   |   |   |   | 1 |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   | 1 |   |   |
| 7 |   |   |   |   |   | 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 | 5 |

*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.

**S12' (2')** — | 2' | 2' | 2' | 2' | 2' | 2' |

**S12' (3')** — | 3' | 3' | 3' | 3' |

**S12' (4')** — | 4' | 4' | 4' |

**S12' (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):

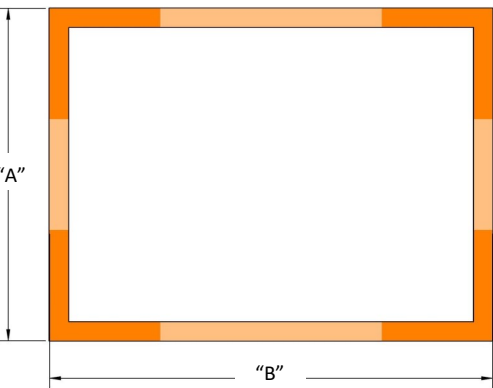Examples of continuous run mounting locations are as follows:

**12' RUN** — ⬤ | 8' | ⬤ | 4' |

**16' RUN** — ⬤ | 8' | ⬤ | 8' |

**20' RUN** — ⬤ | 8' | ⬤ | 8' | 4' |

**24' RUN** — ⬤ | 8' | ⬤ | 8' | 8' |

**28' RUN** — ⬤ | 8' | ⬤ | 8' | 8' | 4' |

# SLIM BEAM DIRECT

## JOINT SHAPE CONFIGURATION WITH MITER CUTS

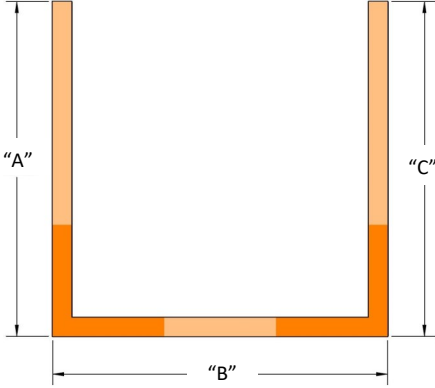We provide joint configurations in the stock size of 24" X 24" as shown below.

24"
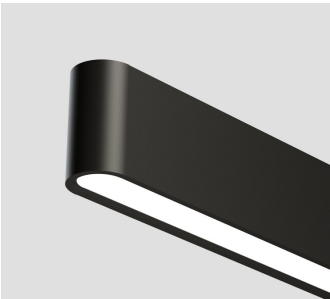
24"
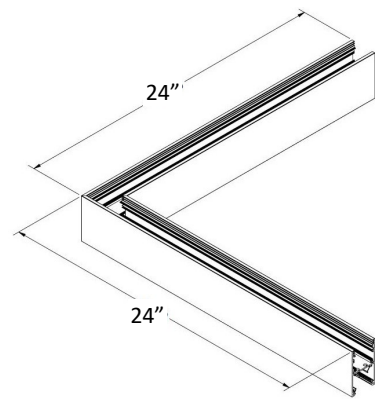
| _x_RECT |
|---|
| Rectangle |
| Supply AxB dimensions |

"A"

"B"

| _x_L |
|---|
| L-Shape |
| Supply AxB dimensions |

"A"

"B"
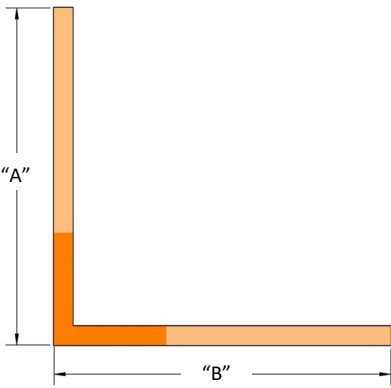
| _x_ x_U |
|---|
| U-Shape |
| Supply AxBxC dimensions |

"A"

"C"

"B"

## ENDCAP OPTIONS

RD, H: 3.5"

# SLIM BEAM DIRECT



## PERFORMANCE

### SLIMD-X-750-SD (80+ CRI)
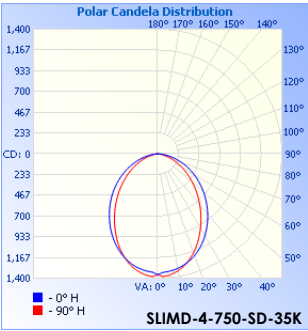


| Model | Lumens | Watts | LPW |
|---|---|---|---|
| SLIMD-4-750-SD-30K | 3,000 | 26 | 116 |
| SLIMD-4-750-SD-35K | 3,000 | 25 | 120 |
| SLIMD-4-750-SD-40K | 3,000 | 24 | 123 |
| SLIMD-4-750-SD-50K | 3,000 | 24 | 127 |

| Model | Lumens | Watts | LPW |
|---|---|---|---|
| SLIMD-8-750-SD-30K | 6,000 | 48 | 124 |
| SLIMD-8-750-SD-35K | 6,000 | 47 | 128 |
| SLIMD-8-750-SD-40K | 6,000 | 46 | 131 |
| SLIMD-8-750-SD-50K | 6,000 | 44 | 135 |

### SLIMD-X-750-WD (80+ CRI)
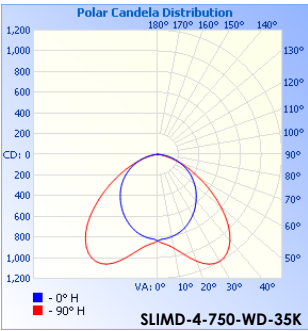


| Model | Lumens | Watts | LPW |
|---|---|---|---|
| SLIMD-4-750-WD-30K | 3,000 | 26 | 116 |
| SLIMD-4-750-WD-35K | 3,000 | 25 | 120 |
| SLIMD-4-750-WD-40K | 3,000 | 24 | 123 |
| SLIMD-4-750-WD-50K | 3,000 | 24 | 127 |

| Model | Lumens | Watts | LPW |
|---|---|---|---|
| SLIMD-8-750-WD-30K | 6,000 | 48 | 124 |
| SLIMD-8-750-WD-35K | 6,000 | 47 | 128 |
| SLIMD-8-750-WD-40K | 6,000 | 46 | 131 |
| SLIMD-8-750-WD-50K | 6,000 | 44 | 135 |

## LENS OPTIONS

### FLUSH
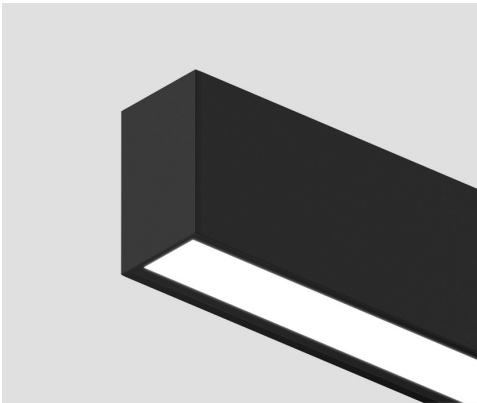


### STANDARD DROP LENS



### DROP LENS w/ LIT ENDS

**STARTEK**
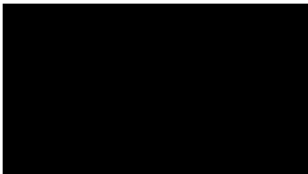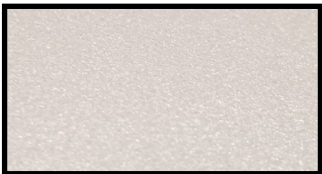LIGHTING AMERICA
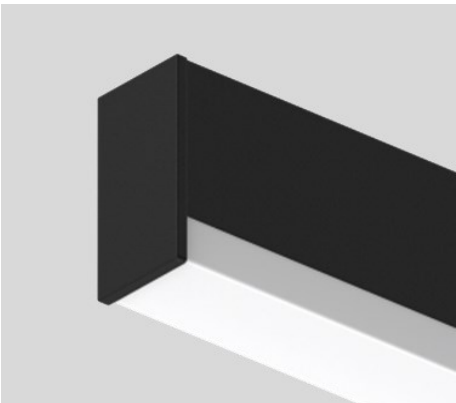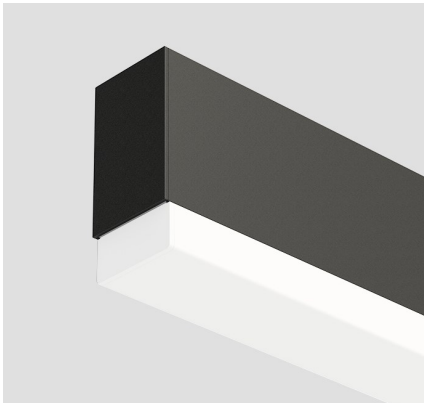
## FINISHES

### STANDARD FINISHES

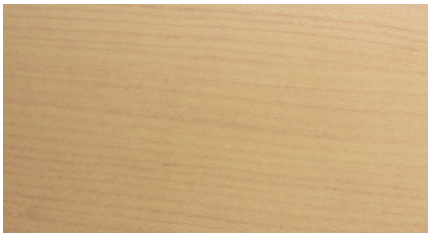
WHITE MINI TEXTURE


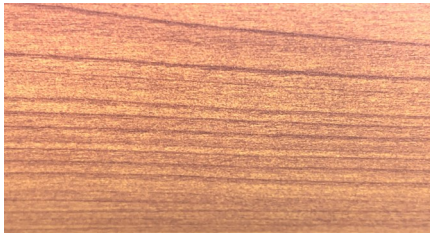BLACK MINI TEXTURE


SILVER SPARKLE TEXTURE

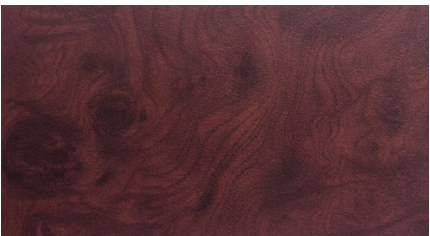### PREMIUM STOCK FINISHES


PSF001 (WOOD#1)
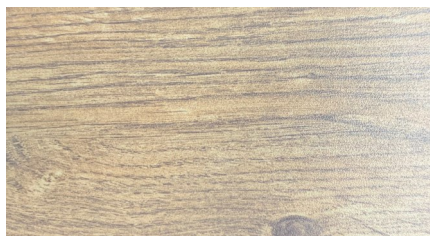

PSF002 (WOOD#2)


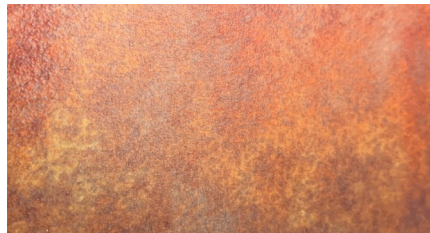PSF003 (WOOD#3)


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.*

# SLIM BEAM DIRECT



## SPECIFICATIONS

### Housing
Nominal 2.0" x 3.5" 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
Injection molded flat 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
Philips Bodine 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)
Constant current programmable LED driver. UL listed, class P, 0-10V, dim to 1% of output current. 2.5KV ring wave surge protection and >.90 power factor.

### 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).
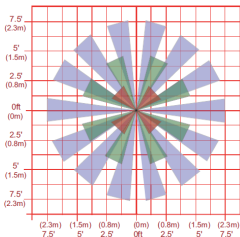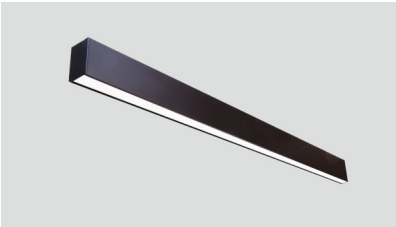


### Wireless Node



## COMPANION PRODUCTS

### Slim Beam Direct/Indirect



### Slim Beam Surface Mount



### Recessed Slim Beam



## WARRANTY

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

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) .