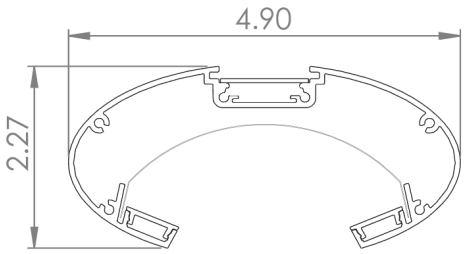
STARTEK
LIGHTING AMERICA

Type:	
Project:	
REP/Agent:	
Order #:	

AERO DIRECT

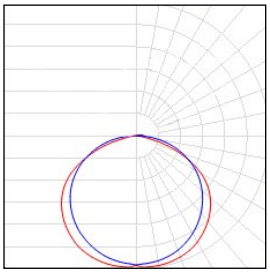
DIMENSIONS



FEATURES

- ★ Soft diffused direct illumination in a sleek modern minimalist style.
- ★ Thermally efficient extruded aluminum single piece housing
- ★ 4' and 8' individual units, or custom lengths
- ★ Toolless height adjustment at the ceiling
- ★ Efficacy up to 115 lm/W
- ★ 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
- ★ Class 2 output for luminaire
- ★ 120-277V for power enclosure

DISTRIBUTION



IDGL= Indirect Glow

LUMEN PACKAGES

Based on 3500K CCT. Other CCT available.

MODEL	LUMENS	WATTS	Lm/W
AEROD-4-750-SD-35K-80	3000	30W	100
AEROD-8-750-SD-35K-80	6000	57W	105

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AERODE					
SERIES	**LENGTH**	**LUMENS PER FOOT**	**DIRECT SHIELDING**	**CCT**	**CRI**
AERODE	**4**= 4FT **8**= 8FT **xx**= Custom length **Sxx**= Symmetric Run Length	**350**= 350 LPF **500**= 500 LPF **750**= 750 LPF **1000**= 1000 LPF **xx**= Custom LPF	**IDGL**= Indirect Glow	**30K**= 3000K **35K**= 3500K **40K**= 4000K **50K**= 5000K	**80**= 80 **90**= 90 *(R9 50 min)*

FINISH

STANDARD
PW= Powder Coat White
PB= Powder Coat Black
PS= Powder Coat Silver

PREMIUM
PSFx= Premium Stock Finish

RALxxxx= Powder Coat
RALxxxx

CUSTOM
PO= Powder Coat Other*

See pg. 7 for standard and premium options.

MOUNTING (See Page 6-7 for Options)

POWERED CANOPY (Driver included, 120-277V)[3]
PCW= Powered Canopy White
PCB= Powered Canopy Black

CANOPY RECESSED
CRW= Canopy Recessed White
CRB= Canopy Recessed Black

CANOPY T-GRID
CTW= Canopy T-Grid White
CTB= Canopy T-Grid Black

CANOPY SURFACE
CSW= Canopy Surface White
CSB= Canopy Surface Black

STEM MOUNTS
STEMWxx= Stem Mount White xx"
STEMBxx= Stem Mount Black xx"

Items in grey box require Hyperdrive Remote Driver

ELECTRICAL

1C= Single Circuit
MC= Multiple Circuits
(multiple switch legs across run length)
EC= Emergency Circuit
(separate power drops for EC fixtures)

REMOTE OPTIONS

Ex= EM Battery designated fixture (Ordered with Hyperdrive)
Replace X with battery Qty.
Not available with Powered Canopy, Consult factory

HYPERDRIVE CIRCUIT

HDxx= HyperDrive Circuit
Not required for the Powered Canopy configuration

EXAMPLE: AEROD-4-750-IDGL-35K-80-PB-CRW-HD01

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Type:	
Project:	
REP/Agent:	
Order #:	

HYPER DRIVE REMOTE POWER SYSTEM

HYPD				
SERIES	**SIZE / DRIVER QTY**	**EMERGENCY BATTERY (OPTIONAL)**	**MOUNTING**	**FINISH**
HYPD	**Replace x with driver quantity** **Sx**= Small– up to two drivers (190W) 7.5" x 7.5" **Mx**= Medium– up to four drivers (300W) 16" x 24" **Lx**= Large– up to eight drivers (600W) 24" x 24"	**Replace # with battery quantity** **NONE**= No Emergency Battery **#EMB6**= 6W EM Battery (Iota/Bodine) **#EMB10**= 10W EM Battery (Iota/Bodine) **#FCEMB10**= 10W EM Battery (Factory Choice) ***Note: Batteries are only available in Medium and Large enclosures. Each emergency battery reduces the driver quantity of the Hyper Drive.***	**S**= Surface/ Strut **R**= Recessed	**STANDARD** **PW**= Powder Coat White **PB**= Powder Coat Black **PREMIUM** **RALxxxx**= Power Coat RAL xxxx (Gloss Finish)

VOLTAGE	**OPTIONS**	**HYPERDRIVE CIRCUIT**
U= 120-277 **C**= 347	**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**= Signify Sensor Ready (DALI) Driver **LDE1**= Lutron Hi-Lume EcoSystem LED driver w/ Soft-on, Fade-to-Black **TW-A**= Tunable White, 0-10v **TW-EL**= eldoLED DUALdrive Tunable White (DALI) *Consult factory for additional driver options* **SENSORS** *Consult factory for options* **OTHERS** **CP**= Chicago Plenum (CCEA)	**HDxx**= HyperDrive Circuit

EXAMPLE: HYPD-L7-1EMB6-R-PW-U-DTZ-HD01

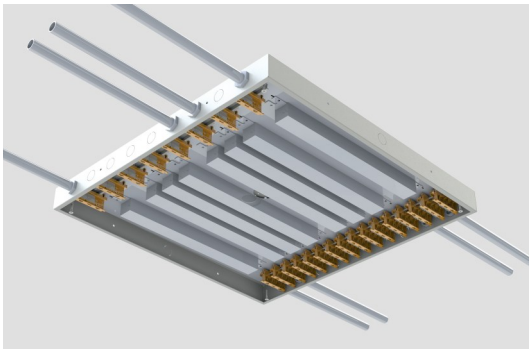
NOTES & LIMITATIONS

One driver is required per direct only fixture (8' max length)

Consult factory for custom configurations and drivers not listed.

L8 configuration shown (shown with front cover removed)

Each driver is provided with a terminal block on both input and out put side for ease of wiring and installation.



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How to use this guide

Fill out the worksheet to specify your requirements for your configurations. Be sure to callout battery and sensor locations.

Refer to the run chart for standard run configurations on linear lengths, consult factory for custom configurations.

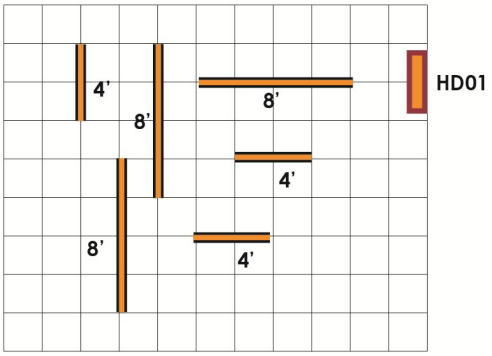
Use the order guide to create your BOM for your configuration.

Submit the worksheet along with your order.

#1 Example Bill of Materials

Qty.	Type
3	AEROD-04-750-IDGL-35K-80-PB-PM-CRB-HD01
3	AEROD-08-750-IDGL-35K-80-PB-PM-CRB-HD01
1	HYPD-L6-NONE-R-PW-U-DTZ-HD01

#1 Example Configuration

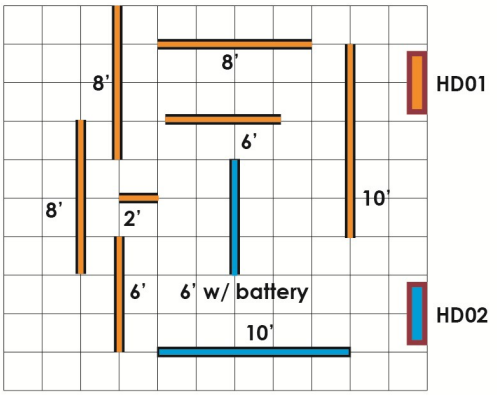


Note: Low Voltage Power transfer wire between fixture and HyperDrive remote power system provided by others.

#2 Example Bill of Materials

Qty.	Type
3	AEROD-08-750-IDGL-35K-80-PB-PM-CRB-HD011
2	AEROD-06-750-IDGL-35K-80-PB-PM-CRB-HD01
1	AEROD-02-750-IDGL-35K-80-PB-PM-CRB-HD01
1	AEROD-10-750-IDGL-35K-80-PB-PM-CRB-HD01
1	AEROD-06-750-IDGL-35K-80-PB-PM-CRB-E1-HD02
1	AEROD-10-750-IDGL-35K-80-PB-PM-CRB-HD02
1	HYPD-L8-NONE-R-PW-U-DTZ-HD01
1	HYPD-M3-1EMB6-R-PW-U-DTZ-HD02

#2 Example Configuration

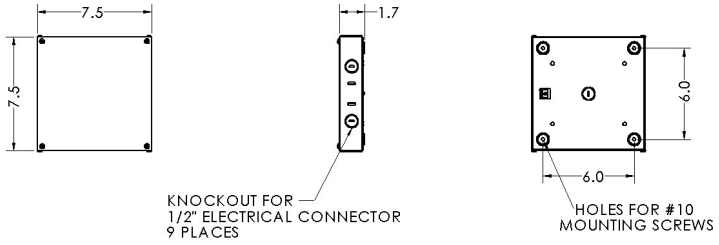


Note: Low Voltage Power transfer wire between fixture and HyperDrive remote power system provided by others.

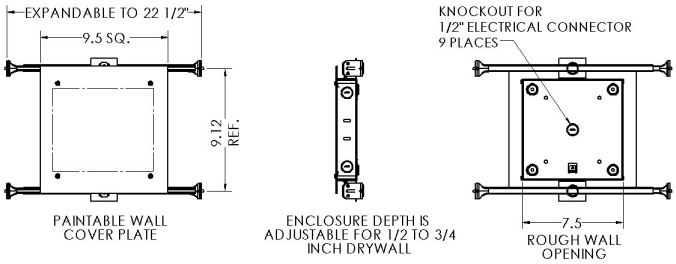
HYPERDRIVE REMOTE POWER SYSTEM

Sx (Small Hyper Drive Remote Canopy)

Surface Mount



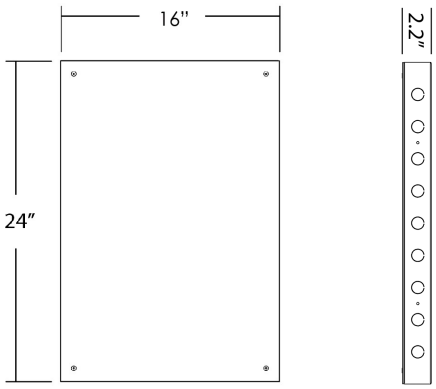
Recessed Mount



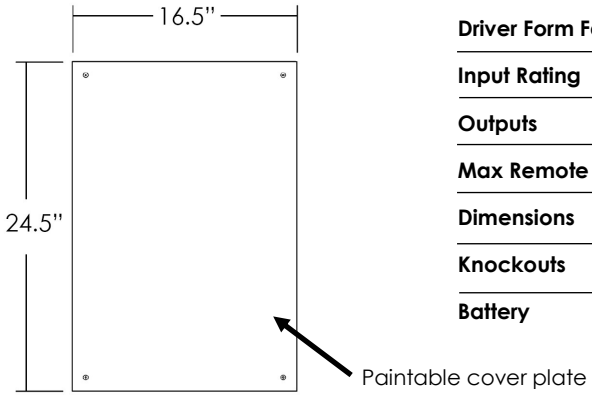
Driver Form Factor	Compact
Input Rating	120-277V
Outputs	Up to 2 (190W max)
Max Remote Distance	Up to 100' (30.5m)
Dimensions	7.5" x 7.5"
Knockouts	(9) 1/2"
Battery	Not Available

Mx (Medium Hyper Drive Remote Canopy)

Surface Mount



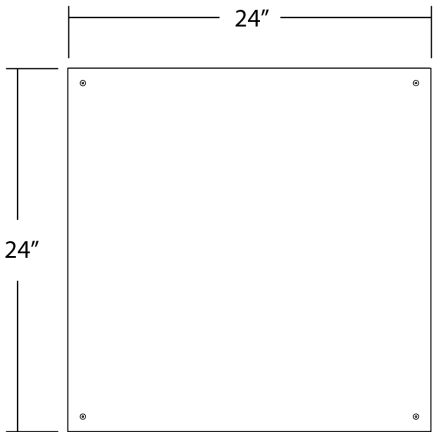
Recessed Mount

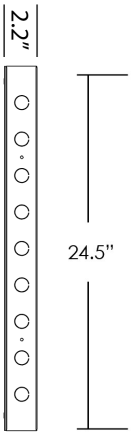


Driver Form Factor	Linear
Input Rating	120-277V
Outputs	Up to 4 (300W max)
Max Remote Distance	Up to 100' (30.5m)
Dimensions	16" x 24"
Knockouts	(20) 1/2"
Battery	Available

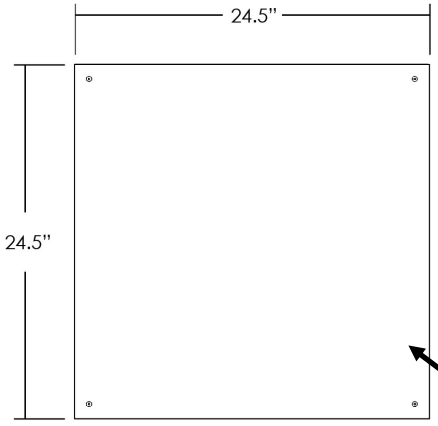
Lx (Large Hyper Drive Remote Canopy)

Surface Mount





Recessed Mount



Driver Form Factor	Linear
Input Rating	120-277V
Outputs	Up to 8 (600W max)
Max Remote Distance	Up to 100' (30.5m)
Dimensions	24" x 24"
Knockouts	(20) 1/2"
Battery	Available

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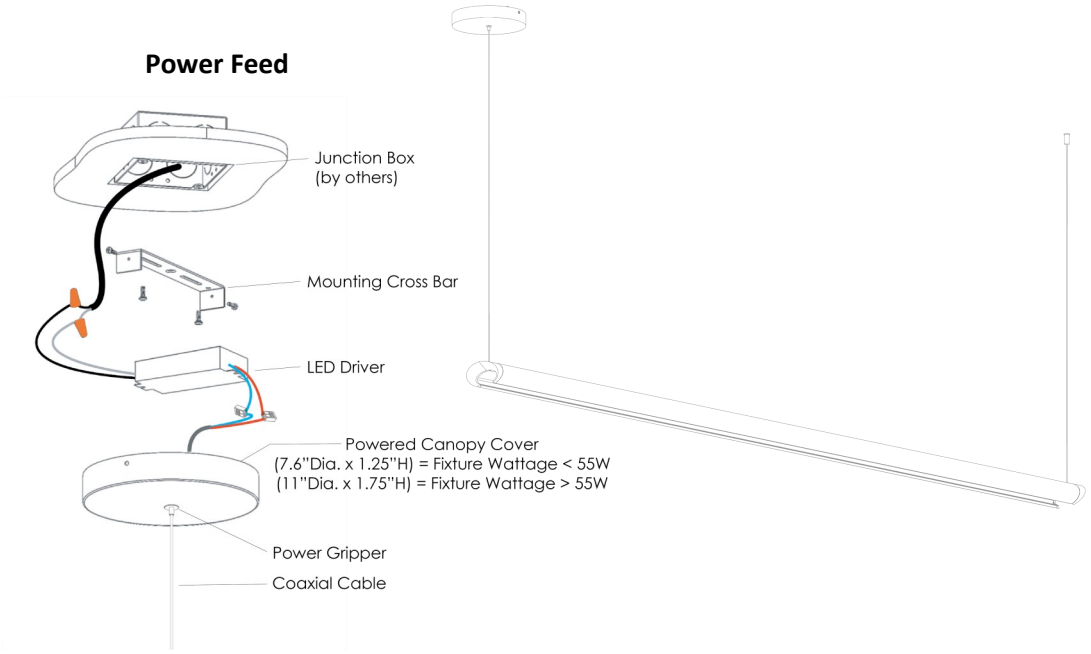
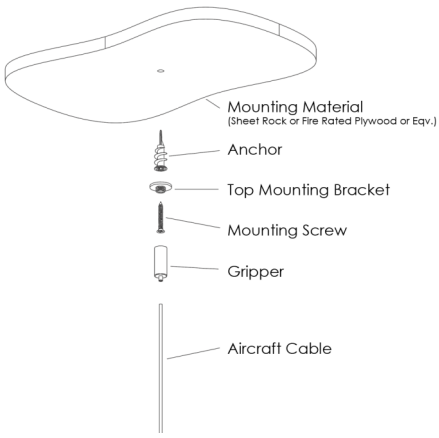
2’ - 6’ Fixtures require 1 Non-Feed Mount. Fixtures larger than 6’ require 2 Non-Feed Mount.

PCx - Powered Canopy (Driver Included)

Power Feed



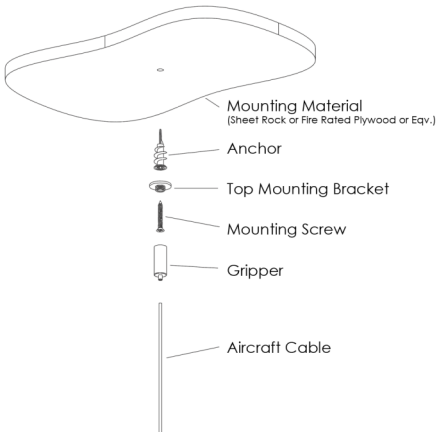
Non-Feed



CRx - Canopy Recessed

Power Feed

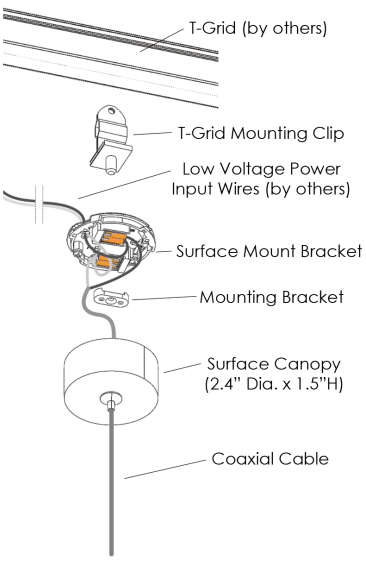
Non-Feed



REQUIRES HYPERDRIVE

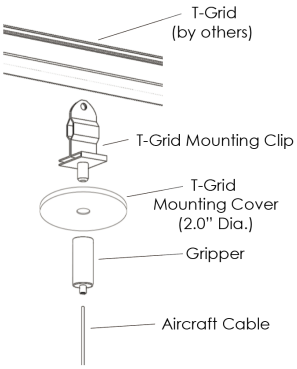
CTx - Canopy T-Grid

Power Feed



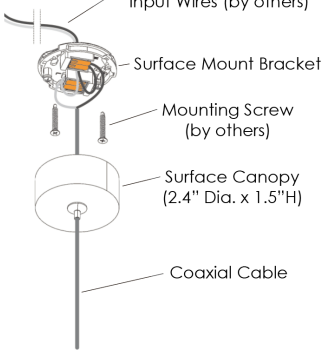
REQUIRES HYPERDRIVE

Non-Feed



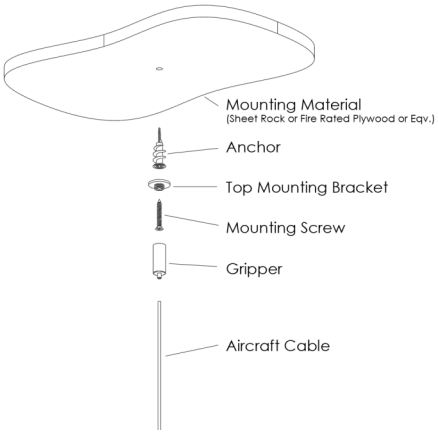
CSx - Canopy Surface

Power Feed



REQUIRES HYPERDRIVE

Non-Feed



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MOUNTING OPTIONS

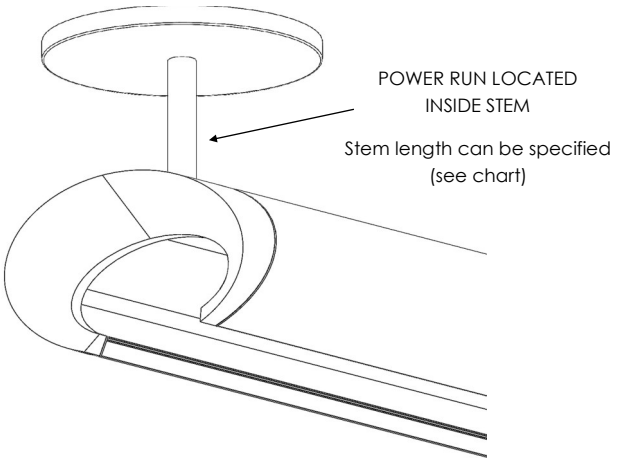
STEMxx (Stem Mount With Canopy)

Please specify stem length when ordering. See "Stem Lengths" table for available options.

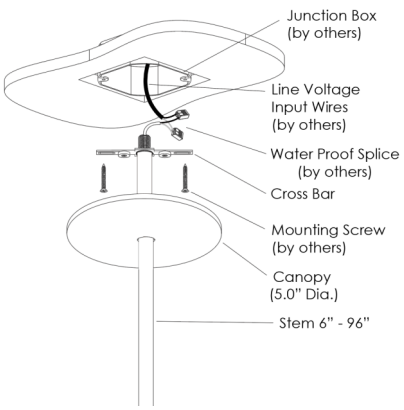
Stem Lengths

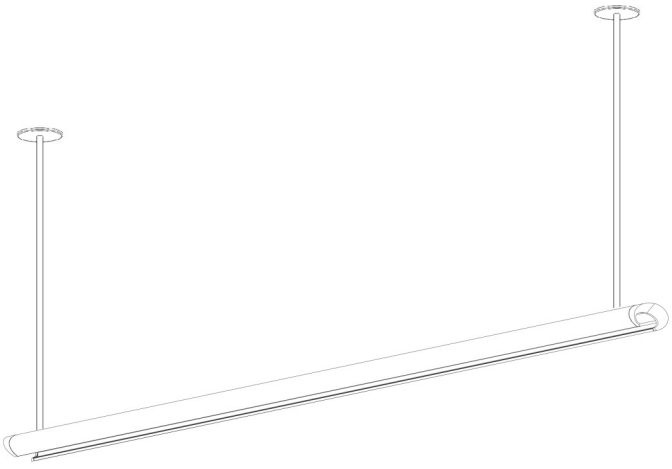
*Specified stem length is 3/4" shorter when measured from ceiling to fixture (CtoF).**

STEMXxx	CtoF	STEMXxx	CtoF	STEMXxx	CtoF
6"	*5.25"*	**24"**	*23.25"*	**60"**	*59.25"*
8"	*7.25"*	**27"**	*26.25"*	**66"**	*65.25"*
9"	*8.25"*	**30"**	*29.25"*	**72"**	*71.25"*
12"	*11.25"*	**36"**	*35.25"*	**78"**	*77.25"*
15"	*14.25"*	**42"**	*41.25"*	**84"**	*83.25"*
18"	*17.25"*	**48"**	*47.25"*	**90"**	*89.25"*
21"	*20.25"*	**54"**	*53.25"*	**96"**	*95.25"*

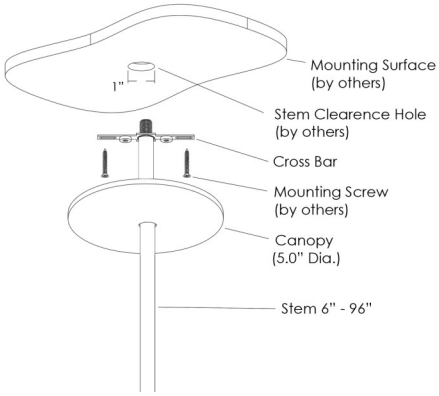


Power Feed





Non - Power Feed



WIRING DIAGRAMS

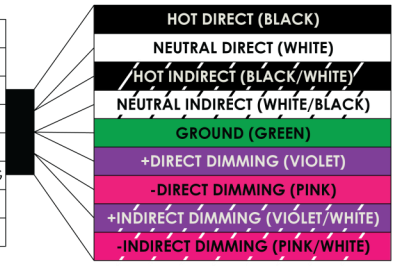
Wiring configurations are dependent on the options chosen. Below are a few examples of our standard wiring that is used to power the fixture.

1C

WIRING	
HIGH VOLTAGE	***LOW VOLTAGE***
18 GA	
H = HOT	**+D(V)** = +DIMMING
N = NEUTRAL	**-D(G)** = -DIMMING
GND = GROUND	

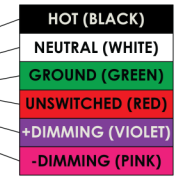
2C

WIRING	
HIGH VOLTAGE	***LOW VOLTAGE***
18 GA	
HD = HOT DIRECT	**+DD(V)** = + DIRECT DIMMING
ND = NEUTRAL DIRECT	**-DD(P)** = - DIRECT DIMMING
HI = HOT INDIRECT	**+ID(V/W)** = + INDIRECT DIMMING
NI = NEUTRAL INDIRECT	**-ID(P/W)** = - INDIRECT DIMMING
GND = GROUND	



1C-EMB

WIRING	
HIGH VOLTAGE	***LOW VOLTAGE***
18 GA	
H = SWITCHED	**+D(V)** = +DIMMING
N = NEUTRAL	**-D(G)** = -DIMMING
GND = GROUND	
U = UNSWITCHED	



TW-A

WIRING	
HIGH VOLTAGE	***LOW VOLTAGE***
18 GA	***22 GA***
H = HOT DIRECT	**+D(V)** = 0-10V + DIMMING
N = NEUTRAL	**-D(P)** = 0-10V - DIMMING
GND = GROUND	**+CCT** = 0-10V COLOR CONTROL
	-CCT = 0-10V COLOR CONTROL

Consult factory for additional wiring options

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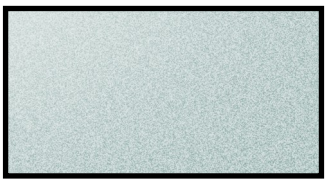
STANDARD FINISHES

WHITE MINI TEXTURE

BLACK MINI TEXTURE



SILVER SPARKLE TEXTURE

PREMIUM STOCK FINISHES

PSF001 (WOOD#1)

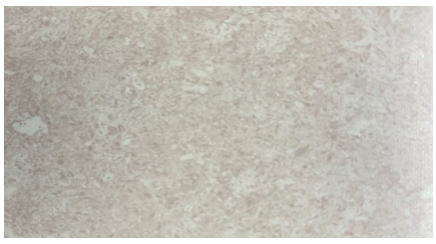
PSF002 (WOOD#2)

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.

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SPECIFICATIONS

Housing
Nominal 5" x 2 1/4" square 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
4' or 8' lengths are available for a single stand-alone section.

End Caps
Machined Aluminum 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
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.

Environment
Suitable for dry and damp locations.
Operating temp.: -40°C to +50°C
-40°F to +122°F

Dimming 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.

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) .

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