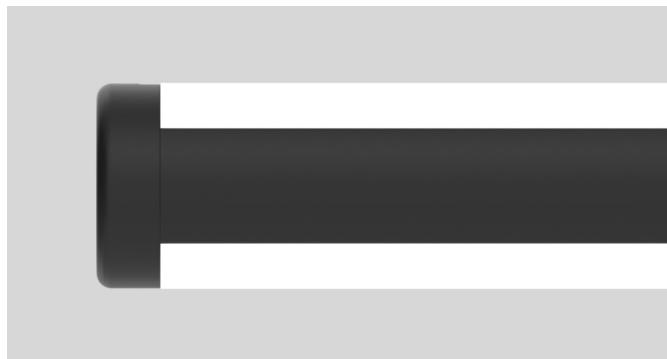
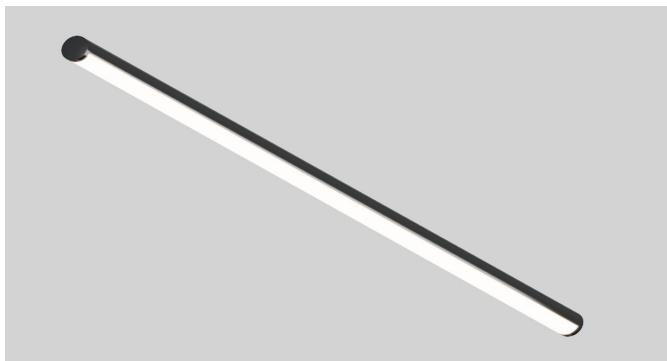


Type:	
Project:	
REP/Agent:	
Order #:	

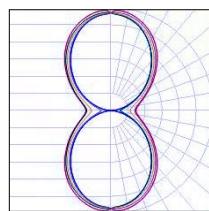
MICRO OPTIMO DIRECT/INDIRECT



FEATURES

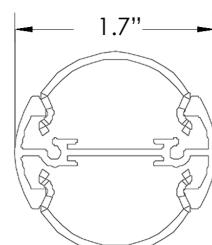
- ★ Soft diffused direct illumination in a sleek modern minimalist style.
- ★ Thermally efficient extruded aluminum single piece housing
- ★ Standard 2', 4', 6' and 8' units, or continuous rows
- ★ Toolless height adjustment at the ceiling
- ★ Textured powder coat finishes available in white, black, 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
- ★ Three power choices of Hyperdrive remote power system
- ★ 90 CRI (R9 50 min) available
- ★ 5 year system warranty
- ★ Class 2 input for luminaire

DISTRIBUTION



Direct: SD= SatinIce Diffuse
Indirect: SD= SatinIce Diffuse

DIMENSIONS



Type:	
Project:	
REP/Agent:	
Order #:	

MICRO OPTIMO DIRECT/INDIRECT

MOPTDI					
SERIES	LENGTH	DIRECT LUMENS PER FOOT	INDIRECT LUMENS PER FOOT	DIRECT DISTRIBUTION	INDIRECT DISTRIBUTION
MOPTDI	XX = Run Length SXX = Symmetric Run Length	350= 350LPF 500= 500LPF 750= 750LPF 1000= 1000LPF XX= Custom LPF	350= 350 LPF 500= 500 LPF 750= 750 LPF 1000= 1000 LPF XXX= Custom LPF	SD= SatinIce Diffuse	SD= SatinIce Diffuse

CCT	CRI	FINISH	MOUNTING (See Page 6-7 for Options)
27K= 2700K	80= 80	<u>STANDARD</u>	<u>POWERED CANOPY</u> (Driver included, 120-277V) ³ PCW= Powered Canopy White PCB= Powered Canopy Black
30K= 3000K	90= 90 (R9 50min)	PW= Powder Coat White PB= Powder Coat Black PS= Powder Coat Silver	<u>CANOPY RECESSED</u> CRW= Canopy Recessed White CRB= Canopy Recessed Black
35K= 3500K			<u>CANOPY T-GRID</u> CTW= Canopy T-Grid White CTB= Canopy T-Grid Black
40K= 4000K			<u>CANOPY SURFACE</u> CSW= Canopy Surface White CSB= Canopy Surface Black
50K= 5000K			*Items in grey box require Hyperdrive Remote Driver*
		<u>PREMIUM</u> RALxxxx= Powder Coat RALxxxx PSFx= Premium Stock Finish	
		<u>CUSTOM</u> PO= Powder Coat Other*	
		See pg. 9 for standard and premium options.	

REMOTE OPTIONS	HYPERRIVE CIRCUIT
----------------	-------------------

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

HDxx= HyperDrive Circuit
Not required for the Powered Canopy configuration

¹ Requires Hyperdrive Remote Driver

² Tunable White Driver must be specified

³ 50W Max. Dual driver required

EXAMPLE: MOPTDI-4-750-750-SD-SD-35K-80-PW-CSW-HD01

Type:	
Project:	
REP/Agent:	
Order #:	

HYPD HYPER DRIVE REMOTE POWER SYSTEM

HYPD	SIZE / DRIVER QTY	EMERGENCY BATTERY (OPTIONAL)	MOUNTING	FINISH
HYPD	Replace x with driver quantity Sx = Small- up to two drivers (190W) Mx = Medium- up to four drivers (300W) Lx = Large- up to eight drivers (600W)	Replace # with battery quantity NB = No Emergency Battery #EMB6 = 6W EM Battery (Bodine) #EMB10 = 10W EM Battery (Bodine) #FCEMB10 = 10W EM Battery (Factory Choice)	S = Surface/ Strut R = Recessed	STANDARD PW = Powder Coat White PB = Powder Coat Black

Note: Batteries are only available in Medium and Large enclosures. Each emergency battery reduces the driver quantity of the Hyper Drive.

VOLTAGE	OPTIONS	HYPERDRIVE CIRCUIT
U= 120-277	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 Note: Specialty driver options are not available with the small power-box option, with the exception of TW-A	HDxx = HyperDrive Circuit

SENSORS

Consult factory for options

OTHERS

CP= Chicago Plenum (CCEA)

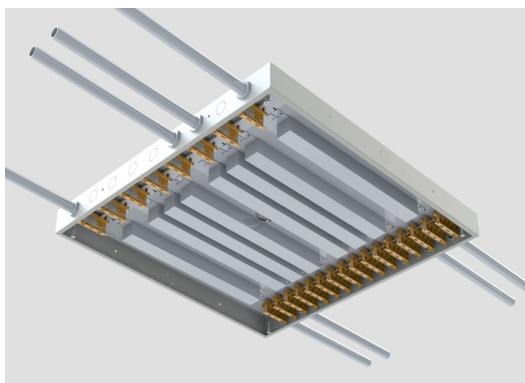
NOTES & LIMITATIONS

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)

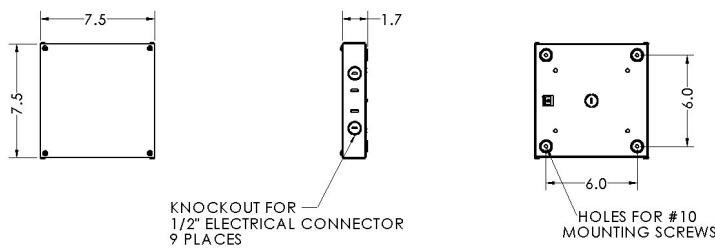
Each driver is provided with a terminal block on both input and output side for ease of wiring and installation.



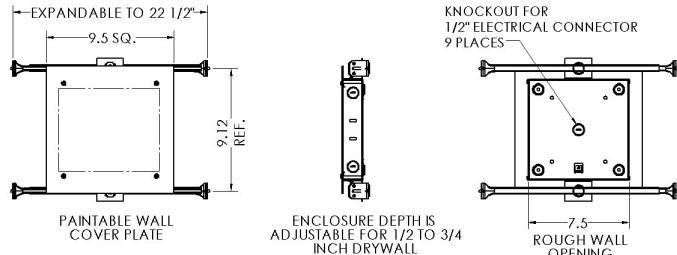
HYPERRIVE REMOTE POWER SYSTEM

Sx (Small Hyper Drive Remote Canopy)

Surface Mount



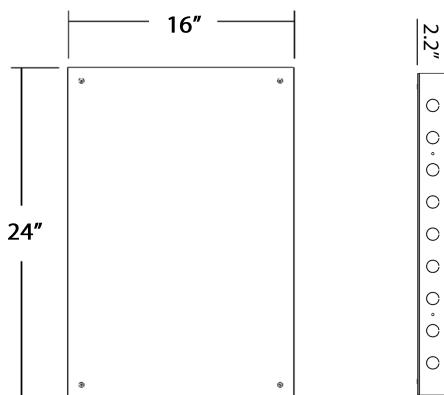
Recessed Mount



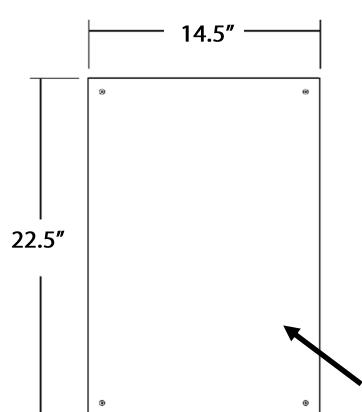
Driver Form Factor	Compact
Input Rating	120-277V
Outputs	Up to 2 (190W max)
Max Remote Distance	Up to 100' (30.5m)
Knockouts	(9) 1/2"
Battery	Not Available

Mx (Medium Hyper Drive Remote Canopy)

Surface Mount



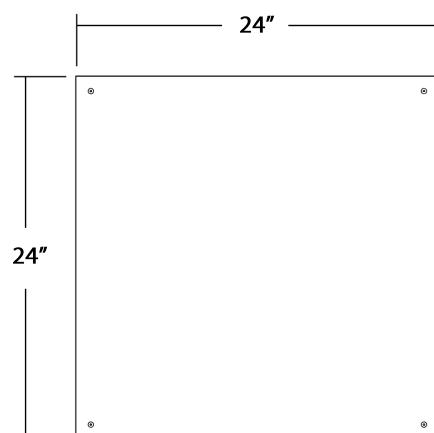
Recessed Mount



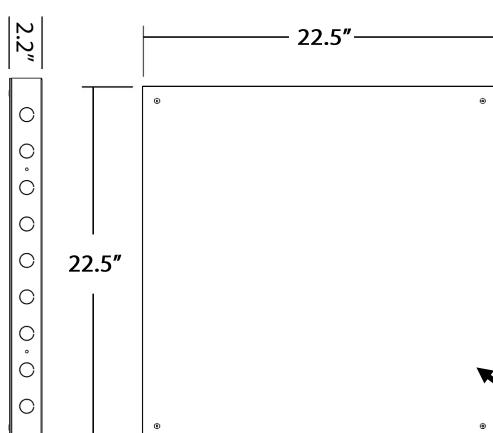
Driver Form Factor	Linear
Input Rating	120-277V
Outputs	Up to 4 (300W max)
Max Remote Distance	Up to 100' (30.5m)
Knockouts	(20) 1/2"
Battery	Available

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)
Knockouts	(20) 1/2"
Battery	Available

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.

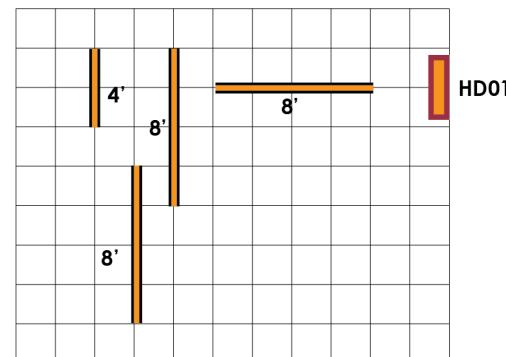
Submit the worksheet along with your order.

#1 Example Bill of Materials

Qty. Type

3	MOPTDI-8-750-750-SD-SD-35K-80-PW-CSW-HD01	
1	MOPTDI-4-750-750-SD-SD-35K-80-PW-CSW-HD01	
1	HYPD-L8-NB-R-PW-DTZ-HD01	

#1 Example Configuration



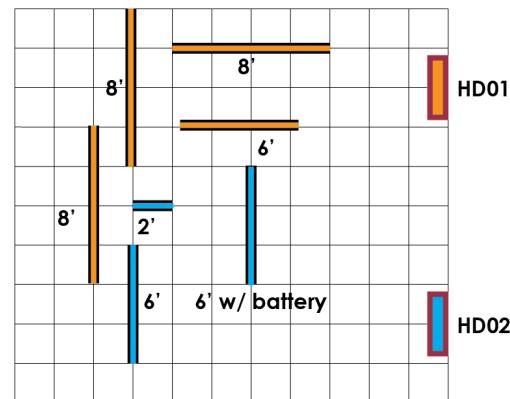
Note: Low Voltage Power transfer wire between fixture and HyperDrive remote power system provided by others.

#2 Example Bill of Materials

Qty. Type

3	MOPTDI-8-750-750-SD-SD-35K-80-PW-CSW-HD01	
1	MOPTDI-6-750-750-SD-SD-35K-80-PW-CSW-HD01	
1	MOPTDI-2-750-750-SD-SD-35K-80-PW-CSW-HD01	
1	MOPTDI-6-750-750-SD-SD-35K-80-PW-CSW-E1-HD02	
1	HYPD-L8-NB-R-PW-DTZ-HD01	
1	HYPD-L7-1EMB6-R-PW-DTZ-HD02	

#2 Example Configuration

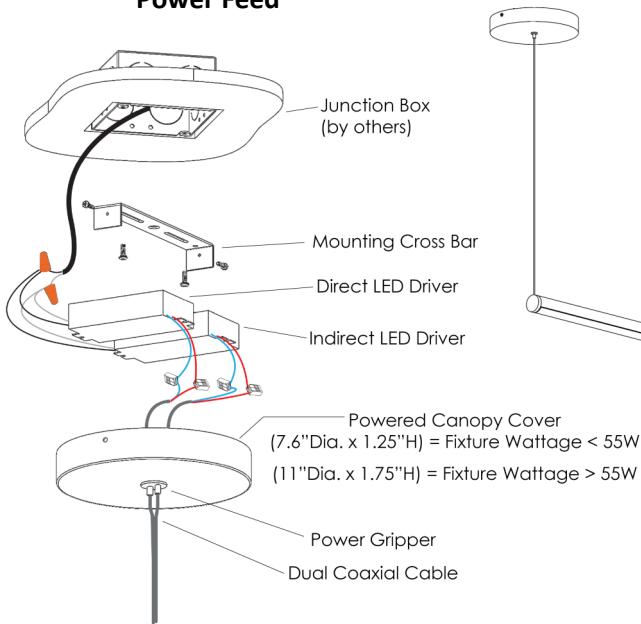


Note: Low Voltage Power transfer wire between fixture and HyperDrive remote power system provided by others.

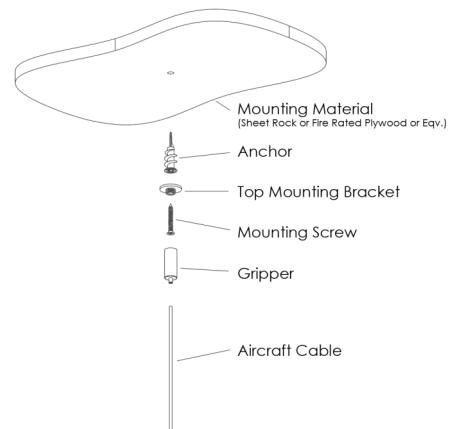
2' - 6' Fixtures require 1 Non-Feed Mount. Fixtures larger than 6' require 2 Non-Feed Mount.

PCx - Powered Canopy (Driver Included)

Power Feed

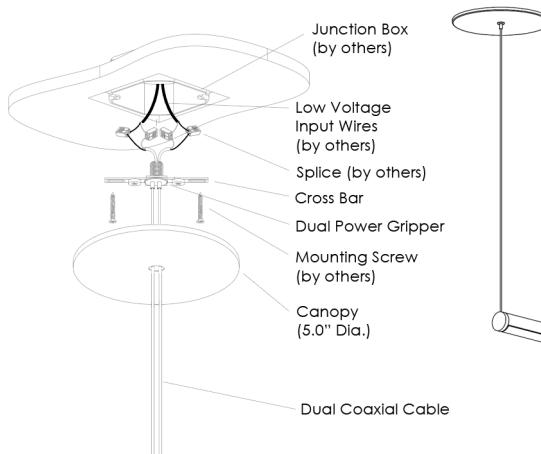


Non-Feed

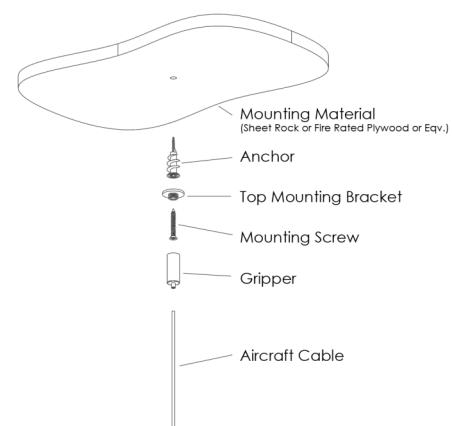


CRx - Canopy Recessed

Power Feed



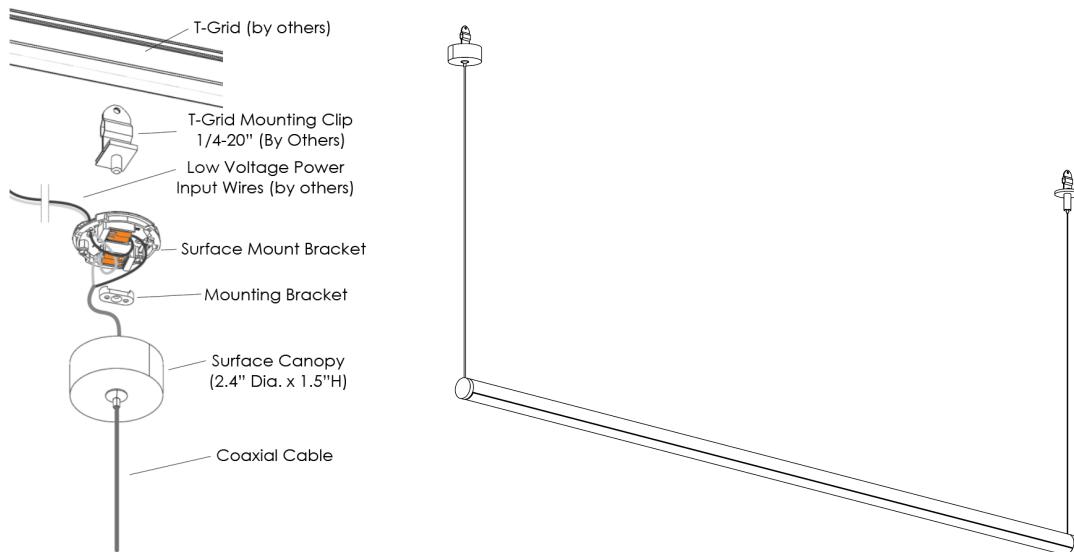
Non-Feed



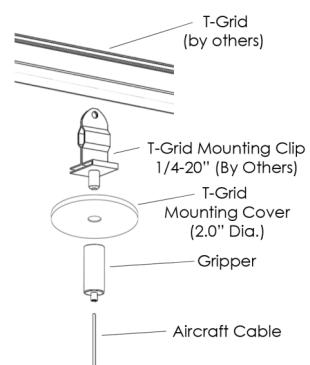
REQUIRES HYPERDRIVE

CTx - Canopy T-Grid

Power Feed



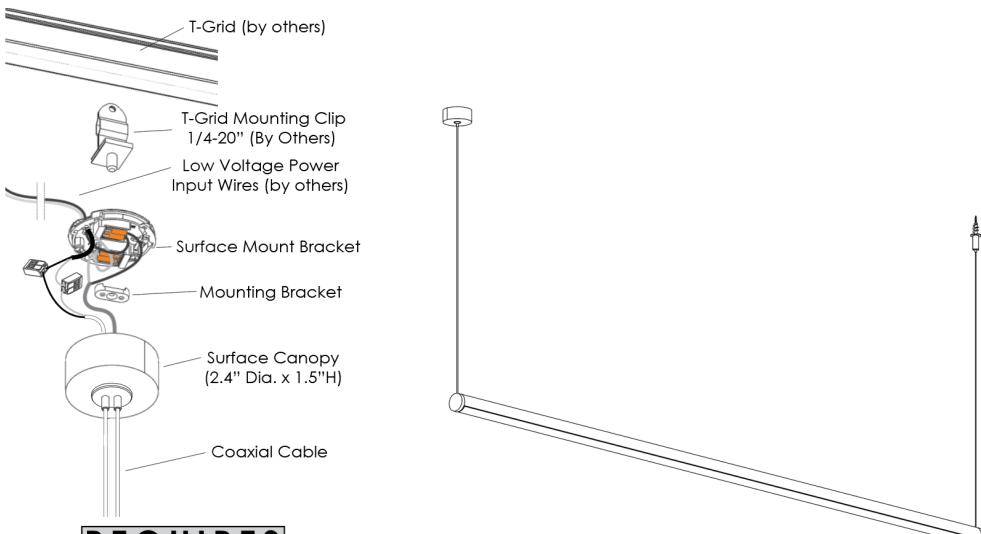
Non-Feed



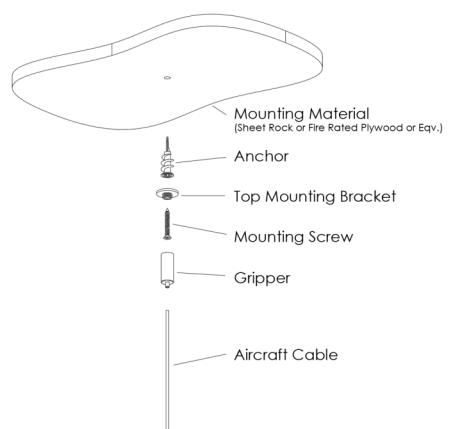
REQUIRES
HYPERDRIVE

CSx - Canopy Surface

Power Feed



Non-Feed



REQUIRES
HYPERDRIVE

ROW CONFIGURATIONS

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.

\$12' (2')

2'	2'	2'	2'	2'	2'
----	----	----	----	----	----

\$12' (3')

3'	3'	3'	3'
----	----	----	----

\$12' (4')

4'	4'	4'
----	----	----

\$12' (6')

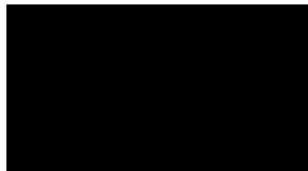
6'	6'
----	----

NOTE: Fixtures in continuous runs are available in 6" increments.

STANDARD FINISHES



WHITE MINI TEXTURE



BLACK MINI TEXTURE

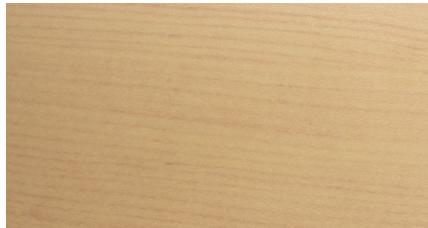


SILVER SPARKLE TEXTURE

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.

SPECIFICATIONS

Housing

Nominal 1 1/2" round 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' or 8' lengths are available for a single stand-alone section.

End Caps

Machined Aluminum 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

Lithium 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. Requires Hyperdrive medium or large as well as Test/ Status switch is located on "HyperDrive"

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.

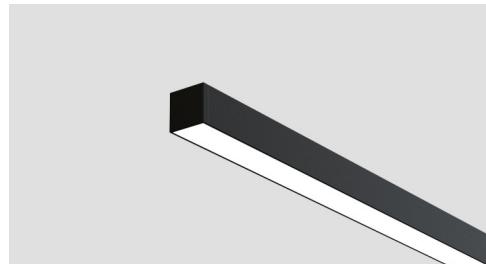
2.5 KV overcurrent protection
Power factor >.9

Packaging

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

COMPANION PRODUCTS

Micro Beam



WARRANTY

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

http://www.starteklightingamerica.com/images/pdf/warranty/Optimo_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).