STARTEK
ARCHITECTURAL LIGHTING

Rep/Agent		Type	
Project			
Order No.		Date	

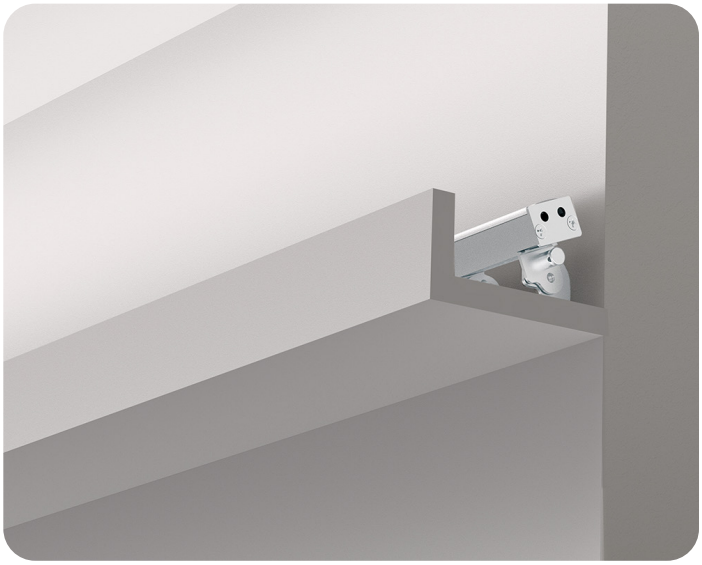
Micro Cove Wall

Indirect

Key Features

- Extruded aluminum single piece housing
- 2', 4', 6' and 8' individual units or continuous rows
- Continuous runs available
- 0-10V dimming to 1% is standard
- Efficacy up to 130 lm/W
- Consult factory for TM21, TM30, LM79 and LM80

5 Year Warranty | BABA Compliant | BAA Compliant | Intertek | RoHS Compliant



Specifications

Construction

- Continuous extruded 6063 T5 aluminum

Dimensions

- Nominal dimensions: 1.2" x 1.88"

Finish

- Powder coated
- Colors: White or Black
- 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 $\frac{1}{16}$" increments.
- 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
- L70 > 50,000 hours

Lensing

- Snap-in optical grade lens with extruded performance distributions.

Operating Temperature

- -40°C to 50°C (-40°F to 122°F)

Lithium Ion Battery

- Provides up to 14W for 90 minutes.
- Certifications: UL924 listed, Class 2 compliant, and Title 20 CEC (California Energy Commission) compliant

Dimming 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: >0.93

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.

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Ordering Logic

MCOVE-20-500-A20-35K-80-PW-ADJ-1C-HD01

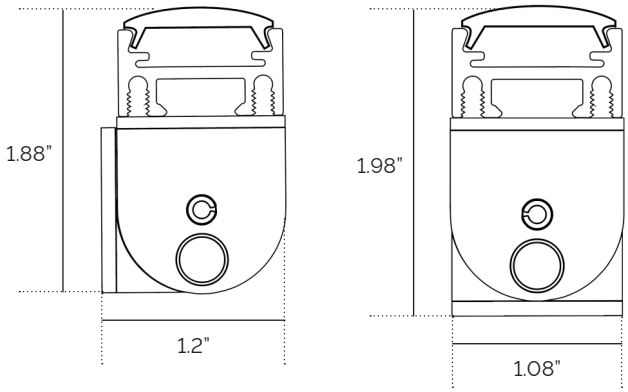
Series	Length	Output[1]	Distribution	CCT	CRI
MCOVE					
	XX - Run Length	**250 -** 250 LPF	**W90 -** 90° Lens	**27K -** 2700K	**80 -** 80 CRI
		500 - 500 LPF	**A20 -** Asymmetric 20° Lens	**30K -** 3000K	**90 -** 90 CRI (R9 50 min)
		750 - 750 LPF		**35K -** 3500K	
		1000 - 1000 LPF		**40K -** 4000K	
		XXX - Custom LPF		**50K -** 5000K	
				TW - Tunable White[2] (2700K-6500K)	

Finish[3]	Mounting	Circuiting	Remote Option[4]	Hyper Drive Circuit[5]
	A	1C		
NF - No Finish	**ADJ -** Adjustable	**1C -** Single Circuit	**EX -** EM Battery Designated Fixture	**HDXX -** Hyper Drive Circuit
PW - White				
PB - Black				

Ordering Notes

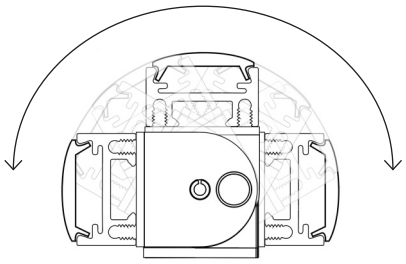
1. 200 LPF min. output / 1500 LPF max. output.
2. Tunable White Driver must be specified in options.
3. See below for standard options.
4. Specify quantity in 'X'. (ex: 3 batteries = 'E3')
5. See pages 3-4 for more information.

Dimensions



Adjustable Mount

Adjustable mount provides 180° of rotation for on-site aiming.



Finishes

Standard

PW: White

PB: Black

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Hyper Drive Remote Power System

Ordering Logic

HYPD-L8-NB-PW-U-DTZ-HD01

Series	Size & Quantity[1, 2, 3]	Optional Emergency Battery[4, 5]	Finish	Voltage
HYPD				U
	SX - 190W Small (2 max.)	**NB -** No EM Battery	**Standard Powder Coat**	**U -** 120-277V
	MX - 300W Medium (4 max.)	**#EMB6 -** 6W EM Battery (Provided by IOTA/Bodine)	**PW -** White	
	LX - 600W Large (8 max.)	**#EMB10 -** 10W EM Battery (Provided by IOTA/Bodine)	**PB -** Black	
		#FCEMB10 - 10W EM Battery (Factory Choice)	**Premium**	
			RALXXXX - Powder Coat Gloss Finish	

Options		Hyper Drive Circuit
Specialty Drivers[6, 7]	**Sensors**	**HDXX -** Hyper Drive Circuit
DT1 - eldoLED EcoDrive Dim to 1% (0-10V)	Consult factory	
DTZ - eldoLED SoloDrive Dim to 0.1% (0-10V)	**Others**	
PSRD - Philips Sensor Ready (DALI) Driver	**CP -** Chicago Plenum (CCEA)	
LDE1 - Lutron Hi-Lume EcoSystem LED Driver w/ Soft-on, Fade-to-Black	**RTS -** Remote Test Switch for Battery	
TW-A - Tunable White, 0-10V		
TW-EL - eldoLED DUALdrive Tunable White (DALI)		

Ordering Notes

1. Replace 'X' with driver quantity.
2. One driver is required per direct only fixture (8' maximum length).
3. Consult factory for custom configurations and drivers not listed.
4. Replace '#' with battery quantity.
5. Each emergency battery reduces the driver quantity of the Hyper Drive.
6. Standard driver is 0-10V, dim to 1% output current.
7. Consult factory for additional driver options.

Limitations

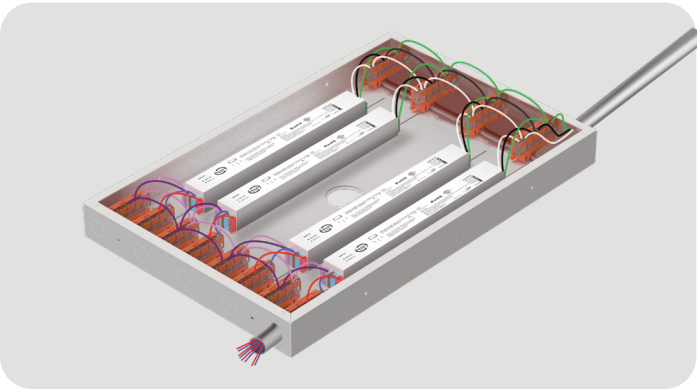
Reference chart for recommended maximum lengths of low voltage cable ran from Hyper Drive to fixture.

Wire Gauge (AWG)	18G	35'
	16G	60'
	14G	100'
	12G	150'

Configurations

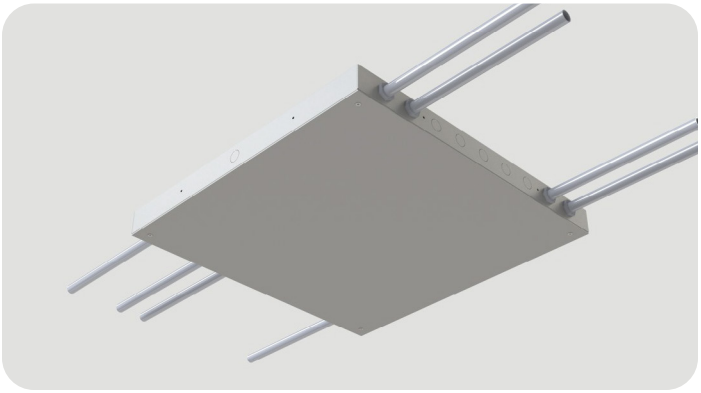
M4 Configuration *(Shown without front cover)*

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



L8 Configuration *(Shown with front cover)*

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



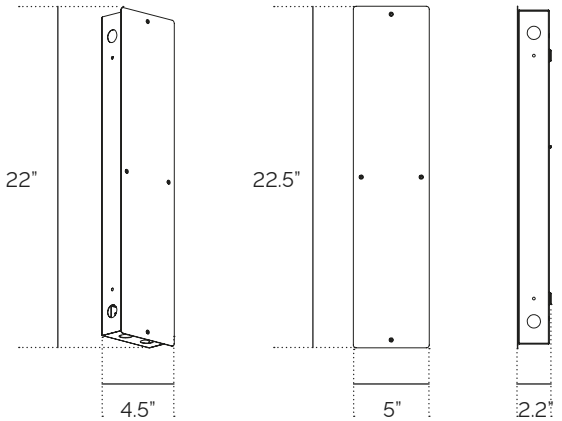
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Hyper Drive Remote Power System

SX (Small Hyper Drive Remote Canopy)

190W / 2 Drivers Max.

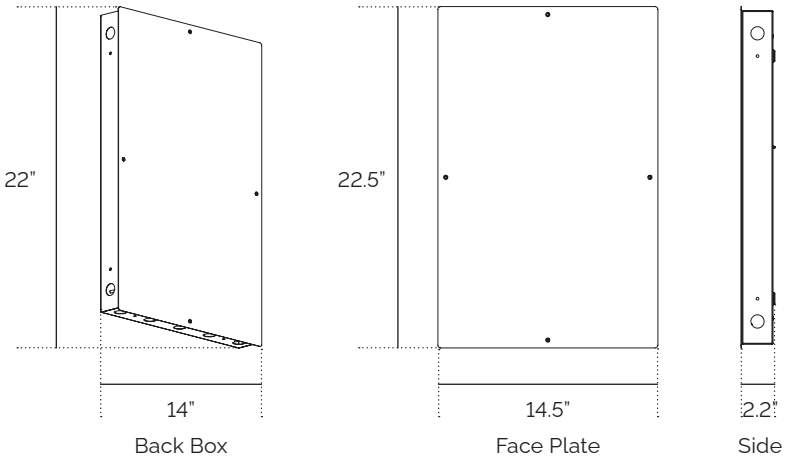
Driver Form Factor	Linear
Input Rating	120-277V
Outputs	Up to 2 (190W max)
Max. Remote Distance	Up to 150' (45m)
Knockouts	0.5" (x6)
Battery	Available



MX (Medium Hyper Drive Remote Canopy)

300W / 4 Drivers Max.

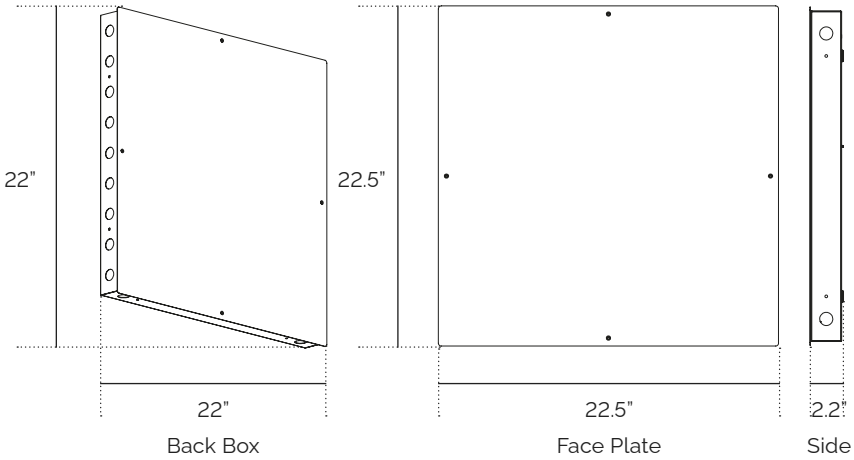
Driver Form Factor	Linear
Input Rating	120-277V
Outputs	Up to 4 (300W max)
Max. Remote Distance	Up to 150' (45m)
Knockouts	0.5" (x12)
Battery	Available



LX (Large Hyper Drive Remote Canopy)

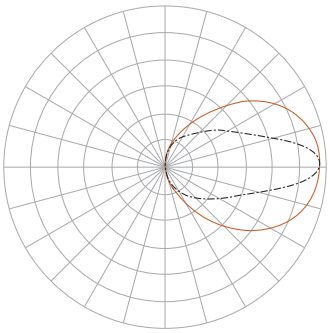
600W / 8 Drivers Max.

Driver Form Factor	Linear
Input Rating	120-277V
Outputs	Up to 8 (600W max)
Max. Remote Distance	Up to 150' (45m)
Knockouts	0.5" (x20)
Battery	Available

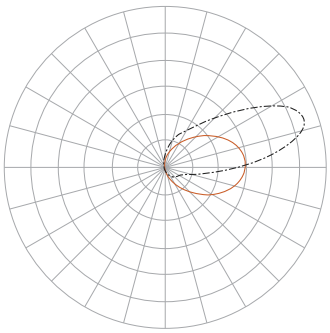


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Distribution



Indirect: 90° Lens (W9)

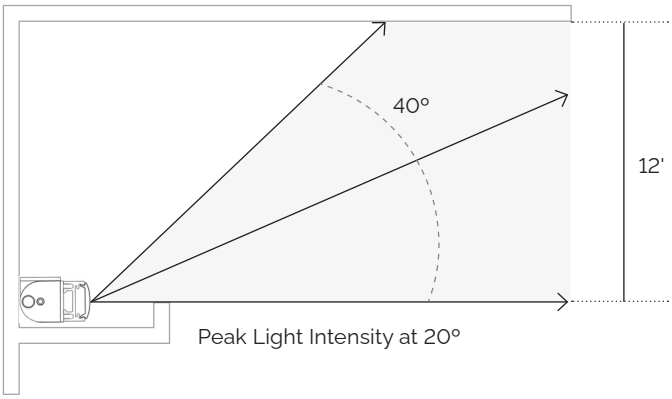


Indirect: Asymmetric 20° Lens (A2)

Mounting

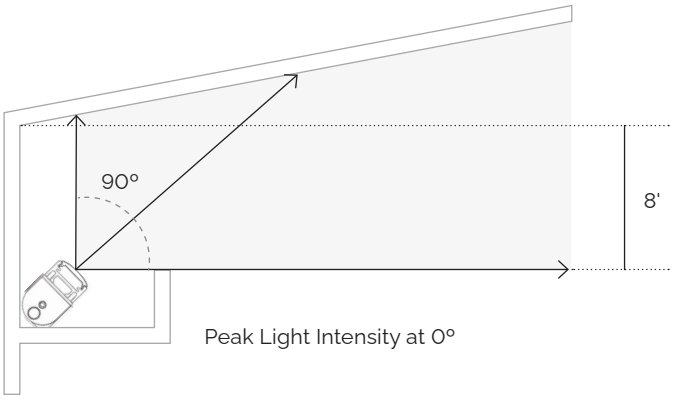
Dimensions shown are StarTek recommendations. With the rotational mount and optic options, the micro cove can fit many different applications.

Flat Ceiling Wash



Peak Light Intensity at 20°

Angled Ceiling Wash

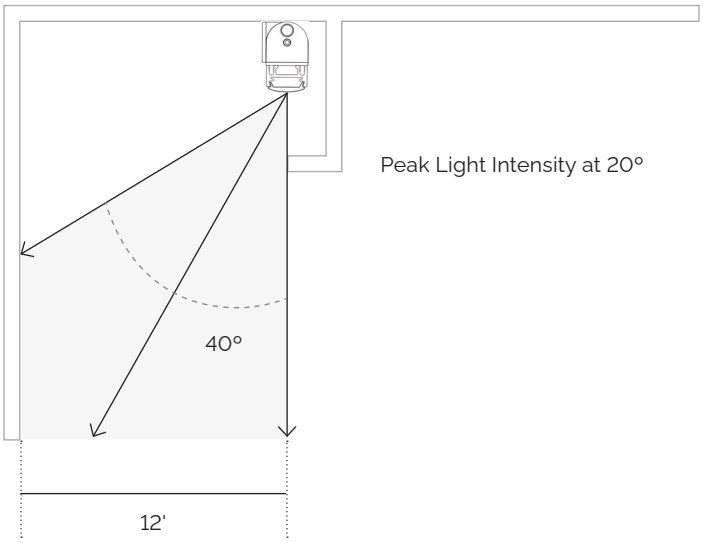


Peak Light Intensity at 0°

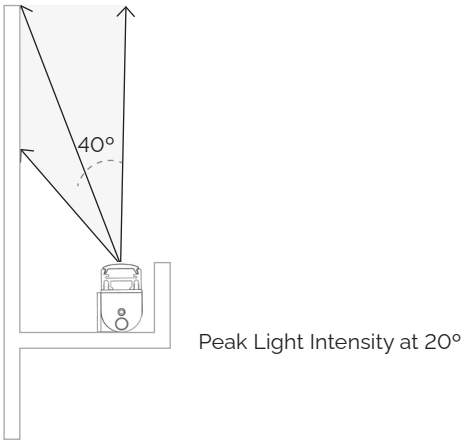
Mounting

Dimensions shown are StarTek recommendations. With the rotational mount and optic options, the micro cove can fit many different applications.

Wall Wash from Ceiling

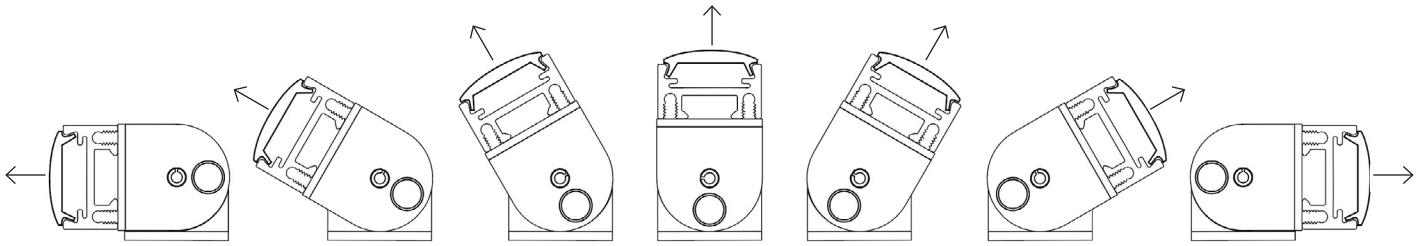


Wall Wash from Below



Adjustable Mount

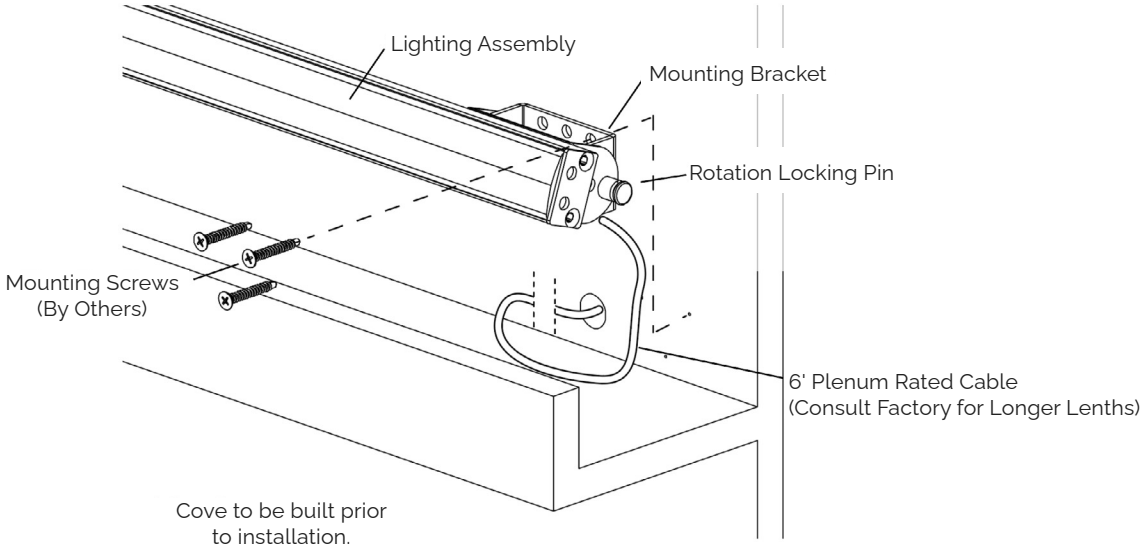
With the rotational mount Position and angle can be adjusted onsite to point the light in the direction intended.

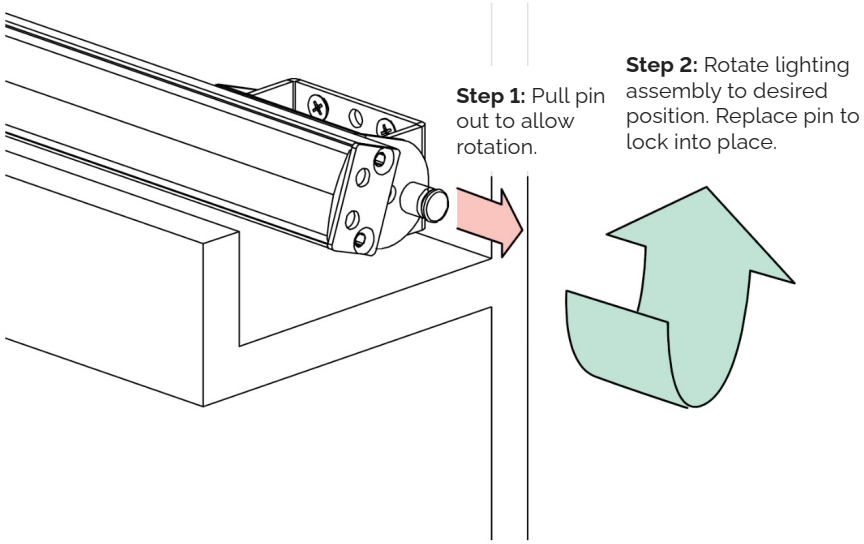


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Mounting Details

Simple mounting, designed to be installed into existing (pre-built) cove. Easy to adjust the light with a simple pull pin. Light can be adjusted to point in any direction





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.

Order Guide

Qty.	Type

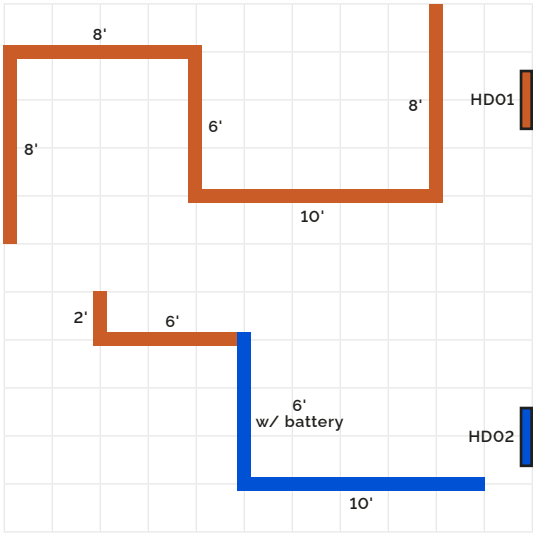
Configuration

NOTE: Low voltage power transfer wire between fixture and Hyper Drive Remote Power System provided by others.

Example

Qty.	Type
3	MCOVE-8-500-A20-35K-80-PW-ADJ-1C-HD01
2	MCOVE-6-500-A20-35K-80-PW-ADJ-1C-HD01
1	MCOVE-2-500-A20-35K-80-PW-ADJ-1C-HD01
1	MCOVE-10-500-A20-35K-80-PW-ADJ-1C-HD01
1	MCOVE-6-500-A20-35K-80-PW-ADJ-1C-HD01
1	MCOVE-10-500-A20-35K-80-PW-ADJ-1C-HD01
1	HYPD-L8-NB-PW-U-DTZ-HD01
1	HYPD-M3-1EMB6-PW-U-DTZ-HD02

Example Configuration



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