

Micro Cove Wall

Indirect

Key Features

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



Specifications

Construction

- Continuous extruded 6063 T5 aluminum

Dimensions

- Nominal dimensions: 1.2" x 1.88"

Finish

- Powder coated
- Colors: White, Black, 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
- 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

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.



Ordering Logic

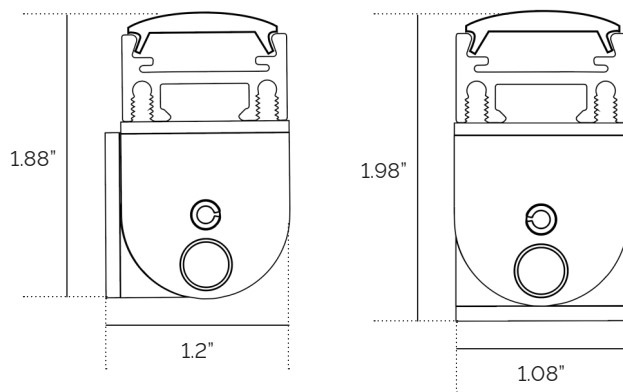
MCOVE-20-500-A2-35K-80-PR-WM-A-HD01

Series	Length	Output ¹	Distribution	CCT	CRI
MICOVE					
	XX - Run Length	250 - 250 LPF 500 - 500 LPF 750 - 750 LPF 1000 - 1000 LPF XXX - Custom LPF	W90 - 90° Lens A20 - Asymmetric 20° Lens	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K 50K - 5000K TW - Tunable White ² (2700K-6500K)	80 - 80 CRI 90 - 90 CRI (R9 50 min)
Finish ³	Mounting	Circuiting	Remote Option ⁶	Hyper Drive Circuit ⁷	
	A				
NF - No Finish	A - Adjustable	1C - Single Circuit	EX - EM Battery Designated Fixture	HDXX - Hyper Drive Circuit	
PW - White		MC - Multiple Circuits ^{4,5}			
PB - Black					

Ordering Notes

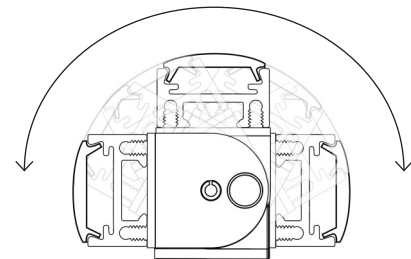
- 200 LPF min. output / 1500 LPF max. output.
- Tunable White Driver must be specified in options.
- See below for standard options.
- Customer to specify number of zones and locations through factory submittal drawings.
- Multiple low and line control zones.
- Specify quantity in 'X'. (ex: 3 batteries = 'E3')
- See pages 3-4 for more information.

Dimensions



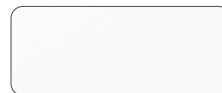
Adjustable Mount

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



Finishes

Standard



PW: White



PB: Black

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

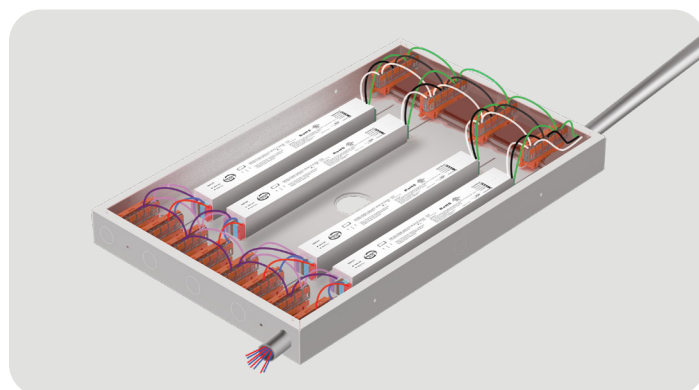
Reference chart for recommended maximum lengths of low voltage cable ran from Hyper Drive to fixture.

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

Configurations

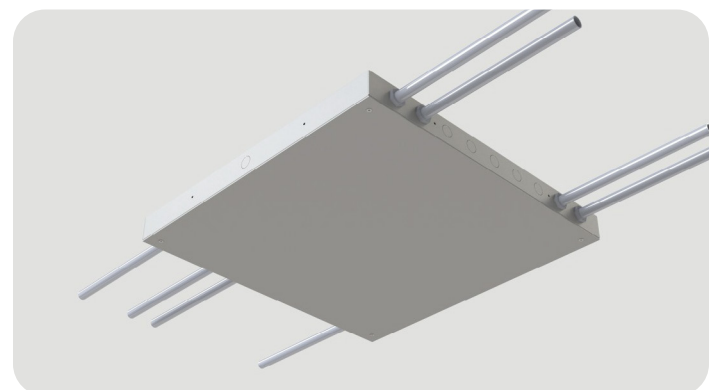
M4 Configuration (Shown without front cover)

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.

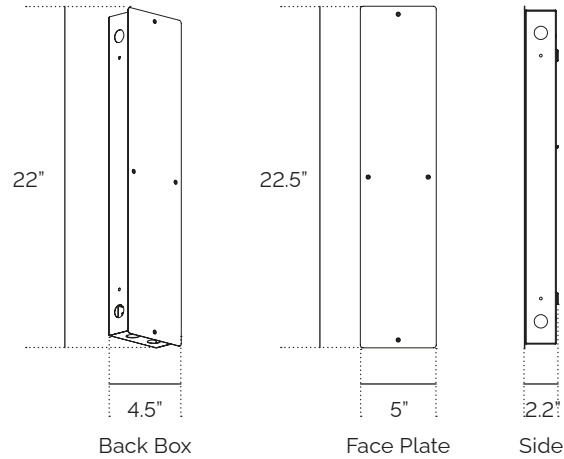


Hyper Drive Remote Power System

SX (Small Hyper Drive Remote Canopy)

190W / 2 Drivers Max.

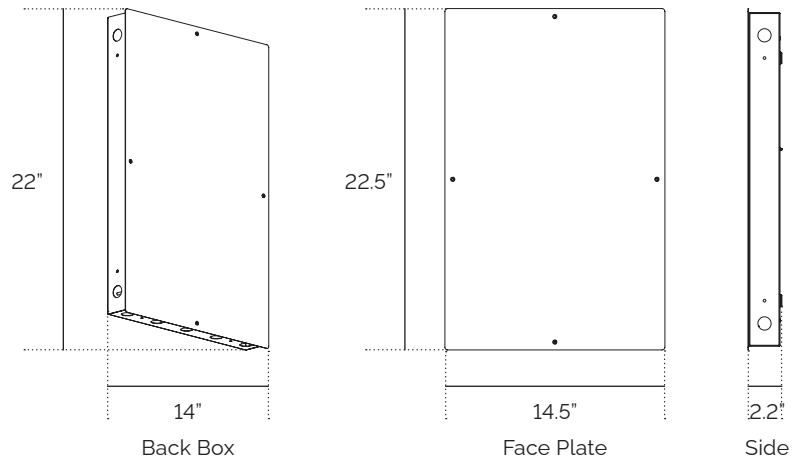
Driver Form Factor	Linear
Input Rating	120-277V
Outputs	Up to 2 (190W max)
Max. Remote Distance	Up to 150' (45m)
Knockouts	0.5" (x6)
Battery	Available



MX (Medium Hyper Drive Remote Canopy)

300W / 4 Drivers Max.

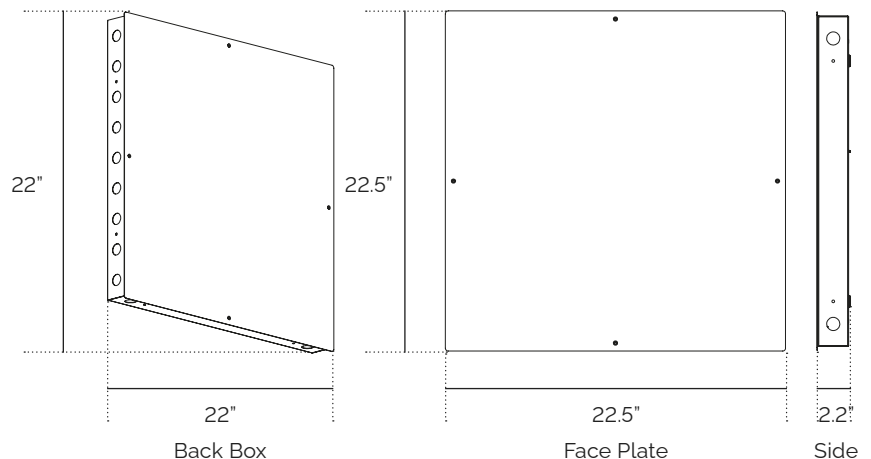
Driver Form Factor	Linear
Input Rating	120-277V
Outputs	Up to 4 (300W max)
Max. Remote Distance	Up to 150' (45m)
Knockouts	0.5" (x12)
Battery	Available



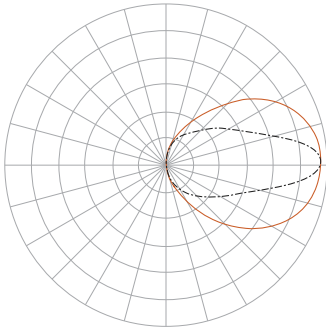
LX (Large Hyper Drive Remote Canopy)

600W / 8 Drivers Max.

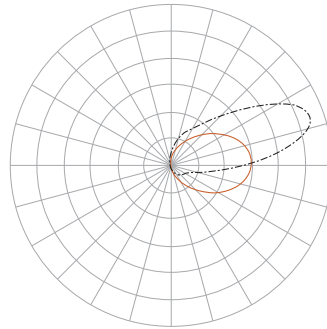
Driver Form Factor	Linear
Input Rating	120-277V
Outputs	Up to 8 (600W max)
Max. Remote Distance	Up to 150' (45m)
Knockouts	0.5" (x20)
Battery	Available



Distribution



Indirect: 90° Lens (W9)



Indirect: Asymmetric 20° Lens (A2)

Wiring Diagram

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 (Single Circuit)

Wiring		
High Voltage	Low Voltage	
18 GA		
H = Hot	+D(V) = +Dimming	Hot (Black)
N = Neutral	-D(G) = -Dimming	Neutral (White)
GND = Ground	2864	Ground (Green)
		+Dimming (Violet)
		-Dimming (Pink)

2C (Separate D/I Circuits)

Wiring		
High Voltage	Low Voltage	
18 GA		
HD = Hot Direct	+D(V) = +Dimming	Hot Direct (Black)
ND = Neutral Direct	-D(G) = -Dimming	Neutral Direct (White)
HI = Hot Indirect	+CCT = 0-10V Color Control	Hot Indirect (Black)
NI = Neutral Indirect	-CCT = 0-10V Color Control	Neutral Indirect (White)
GND = Ground		Ground (Green)
		+Dimming (Violet)
		-Dimming (Pink)
		+Color Control (Violet/White)
		-Color Control (Violet/White)

1C-EMB (Single Circuit with Emergency Battery)

Wiring		
High Voltage	Low Voltage	
18 GA		
H = Switched	+D(V) = +Dimming	Switched (Black)
N = Neutral	-D(G) = -Dimming	Neutral (White)
GND = Ground	-	Ground (Green)
U = Unswitched	-	Unswitched (Red)
		+Dimming (Violet)
		-Dimming (Pink)

TW-A (Tunable White, 0-10V)

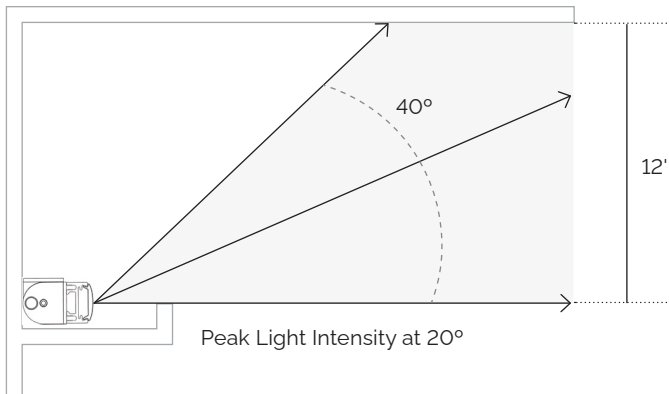
Wiring		
High Voltage	Low Voltage	
18 GA	22 GA	
H = Hot	+D(V) = +Dimming	Switched (Black)
N = Neutral	-D(G) = -Dimming	Neutral (White)
GND = Ground	+CCT = 0-10V Color Control	Ground (Green)
	-CCT = 0-10V Color Control	+Dimming (Violet)
		-Dimming (Pink)
		+Color Control (Violet/White)
		-Color Control (Violet/White)

 Consult Factory for Additional Wiring Options.

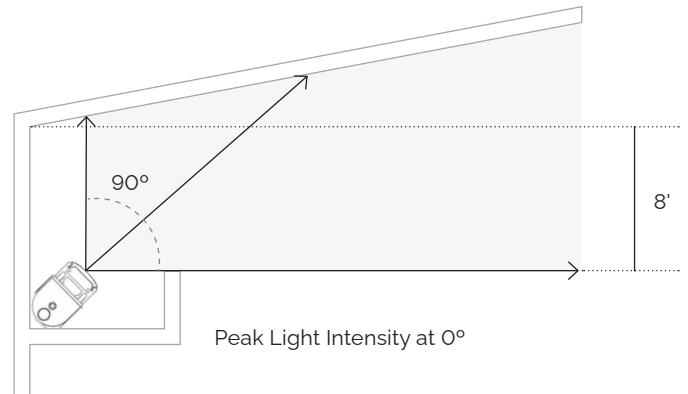
Mounting

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

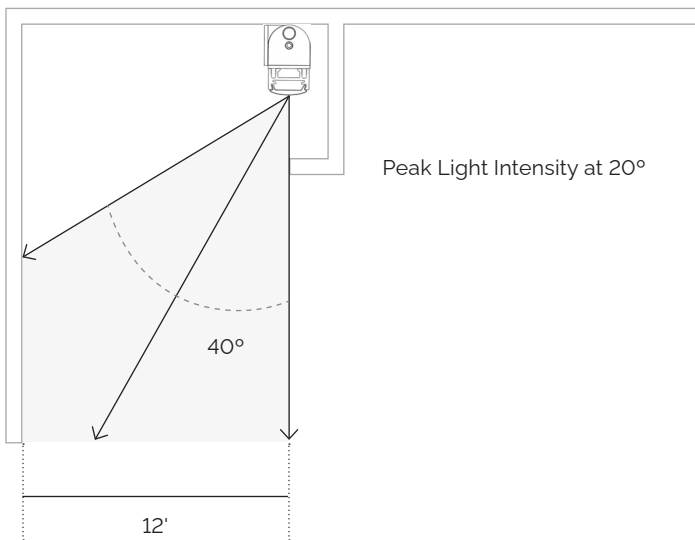
Flat Ceiling Wash



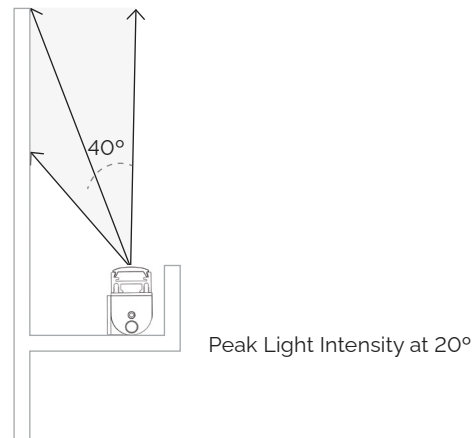
Angled Ceiling Wash



Wall Wash from Ceiling

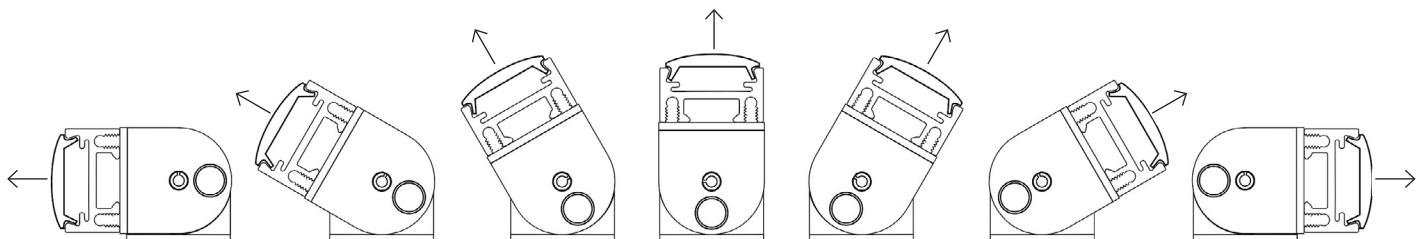


Wall Wash from Below



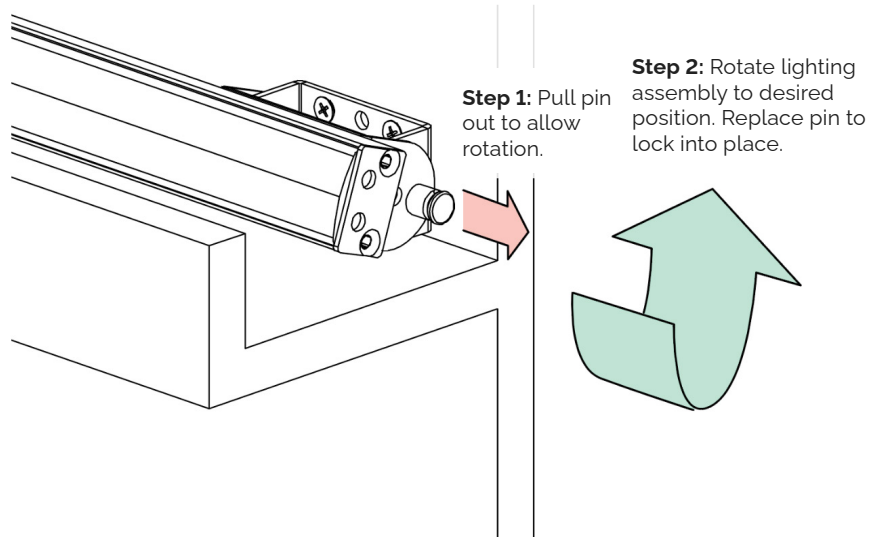
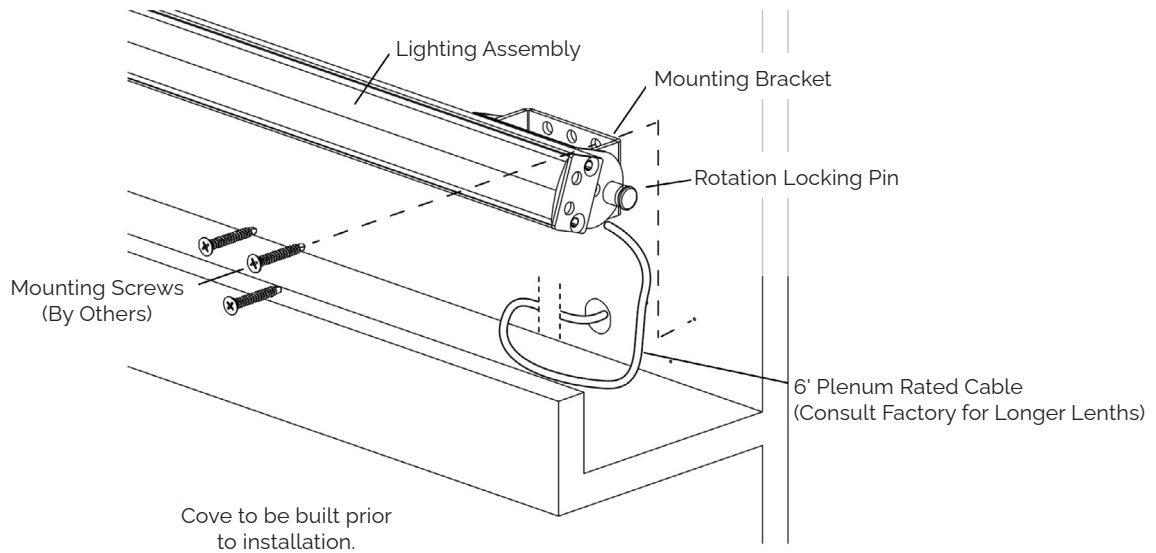
Adjustable Mount

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



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.

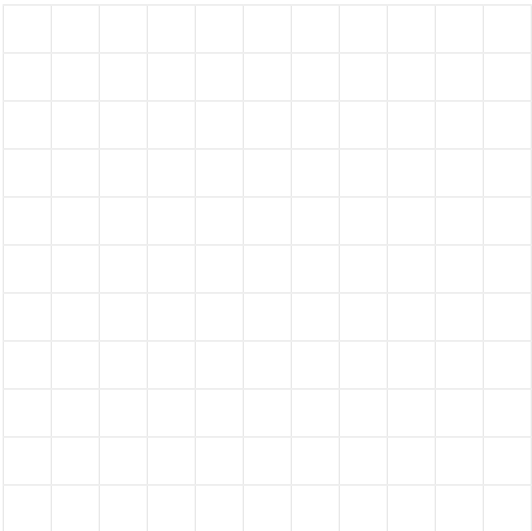
Refer to the run chart for standard run configurations on linear lengths. Consult factory for custom configurations.
Use the order guide to create your BOM for you configuration.

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-A2-35K-80-PR-WM-A-HD01	
2	MCOVE-6-500-A2-35K-80-PR-WM-A-HD01	
1	MCOVE-2-500-A2-35K-80-PR-WM-A-HD01	
1	MCOVE-10-500-A2-35K-80-PR-WM-A-HD01	
1	MCOVE-6-500-A2-35K-80-PR-WM-A-E1-HD02	
1	MCOVE-10-500-A2-35K-80-PR-WM-A-HD02	
1	HYPD-L8-NB-R-PW-DTZ-HD01	
1	HYPD-M3-1EMB6-R-PW-DTZ-HD02	

Example Configuration

