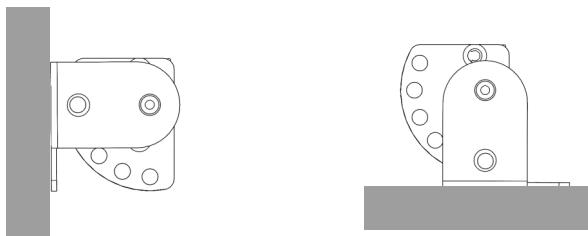


| | |
|------------|--|
| Type: | |
| Project: | |
| REP/Agent: | |
| Order #: | |

MICRO COVE



MOUNTING POSITION



WALL MOUNT

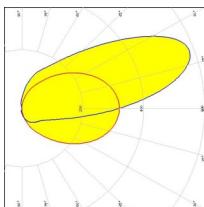
BOTTOM MOUNT



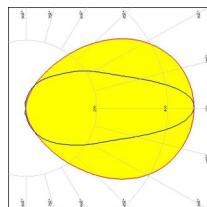
CEILING MOUNT

STATIC MOUNT

DISTRIBUTION



A2= Asymmetric 20 degree Lens



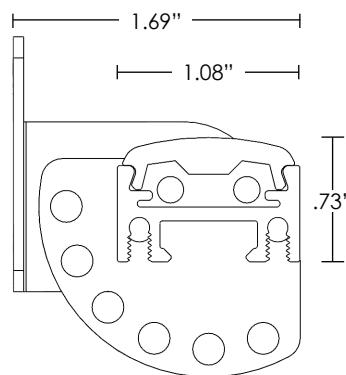
W9= 90 degree Lens



FEATURES

- ★ Standard 2', 4', 6' and 8'
- ★ Fixture/run length increments down to 1/16"
- ★ Snap-in lens for easy installation
- ★ 3 Step MacAdam ellipse binning
- ★ Efficacy up to 130 lm/W
- ★ Soft diffuse indirect lighting
- ★ 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
- ★ L70 > 50,000 hours
- ★ Class 2 input for luminaire
- ★ Three power choices of Hyperdrive remote power system

DIMENSIONS





| | |
|------------|--|
| Type: | |
| Project: | |
| REP/Agent: | |
| Order #: | |

MICRO COVE

| MCOVE | | | | | |
|--------|----------------|-----------------|--------------------------------|--|--------------------|
| Series | Length | Lumens per Foot | Distribution | CCT | CRI |
| MCOVE | 2= 2' Length | 350= 350 LPF | W90= 90 degree Lens | 27K= 2700K | 80= 80 |
| | 3= 3' Length | 500= 500 LPF | A20= Asymmetric 20 degree Lens | 30K= 3000K | 90= 90 (R9 50 min) |
| | 4= 4' Length | 750= 750 LPF | | 35K= 3500K | |
| | 6= 6' Length | 1000= 1000 LPF | | 40K= 4000K | |
| | 8= 8' Length | XXX= Custom LPF | | 50K= 5000K | |
| | XX= Run Length | | | TW= Tunable White ¹ (2700-6500K) | |

| FINISH | MOUNTING STYLE | MOUNTING POSITION |
|-------------------------------|-----------------------|---------------------------|
| STANDARD | | |
| NF = No Finish | A = Adjustable | WM = Wall Mount |
| PW = Powder Coat White | S = Static | BM = Bottom Mount |
| PB = Powder Coat Black | | CM = Ceiling Mount |

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

| | |
|------------|--|
| Type: | |
| Project: | |
| REP/Agent: | |
| Order #: | |

HYPD 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) 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. | | |
| | | | | PREMIUM RALxxxx = Power Coat RAL xxxx (Gloss Finish) |

| VOLTAGE | OPTIONS | HYPERDRIVE CIRCUIT |
|------------|--|----------------------------------|
| U= 120-277 | <p>SPECIALTY DRIVERS (Standard driver is 0-10V, dim to 1% output current)</p> <p>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</p> <p>Note: Specialty driver options are not available with the small power-box option, with the exception of TW-A</p> <p>SENSORS Consult factory for options</p> <p>OTHERS CP= Chicago Plenum (CCEA)</p> | HDxx = HyperDrive Circuit |

EXAMPLE: HYPD-L8-R-PW-DTZ-HD01

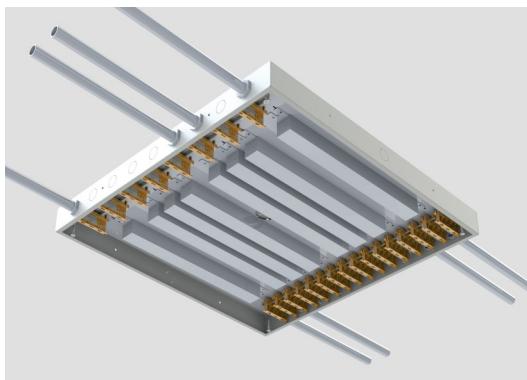
NOTES & LIMITATIONS

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)

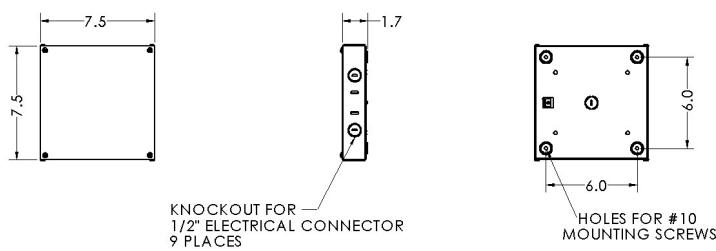
Each driver is provided with a terminal block on both input and output side for ease of wiring and installation.



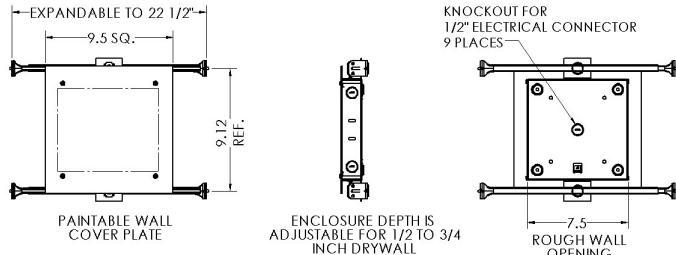
HYPERRIVE REMOTE POWER SYSTEM

Sx (Small Hyper Drive Remote Canopy)

Surface Mount



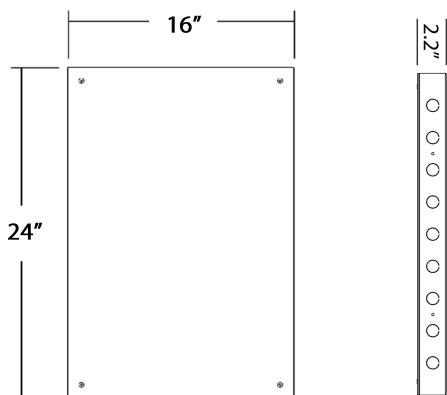
Recessed Mount



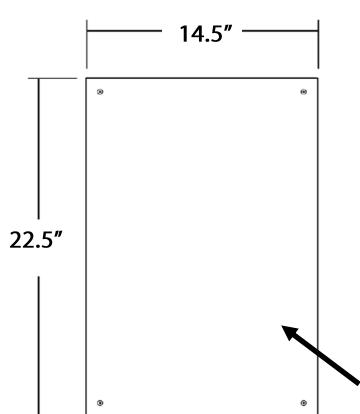
| | |
|----------------------------|--------------------|
| Driver Form Factor | Compact |
| Input Rating | 120-277V |
| Outputs | Up to 2 (190W max) |
| Max Remote Distance | Up to 100' (30.5m) |
| Knockouts | (9) 1/2" |
| Battery | Not Available |

Mx (Medium Hyper Drive Remote Canopy)

Surface Mount



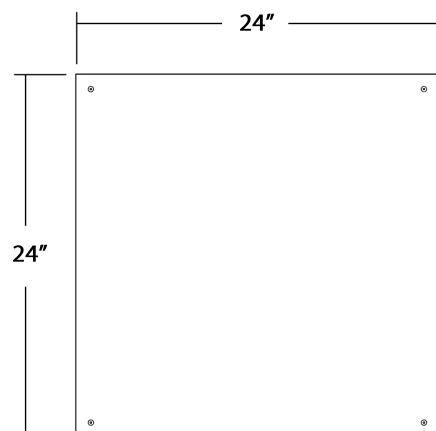
Recessed Mount



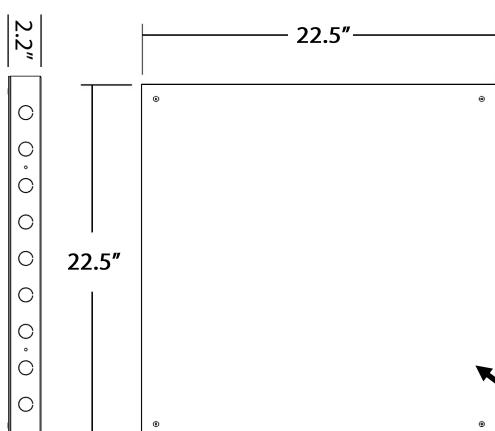
| | |
|----------------------------|--------------------|
| Driver Form Factor | Linear |
| Input Rating | 120-277V |
| Outputs | Up to 4 (300W max) |
| Max Remote Distance | Up to 100' (30.5m) |
| Knockouts | (20) 1/2" |
| Battery | Available |

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.

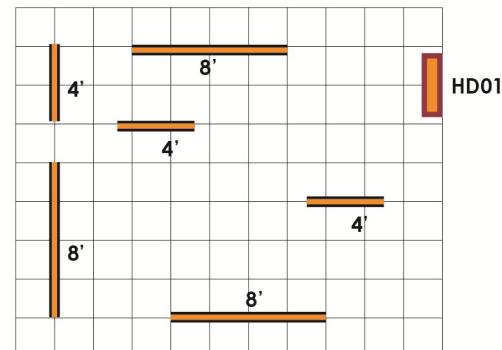
Submit the worksheet along with your order.

#1 Example Bill of Materials

Qty. Type

| | | |
|---|------------------------------------|---|
| 3 | MCOVE-8-500-A2-35K-80-PR-WM-A-HD01 |  |
| 3 | MCOVE-4-500-A2-35K-80-PR-WM-A-HD01 |  |
| 1 | HYPD-L6-NB-R-PW-DTZ-HD01 |  |

#1 Example Configuration



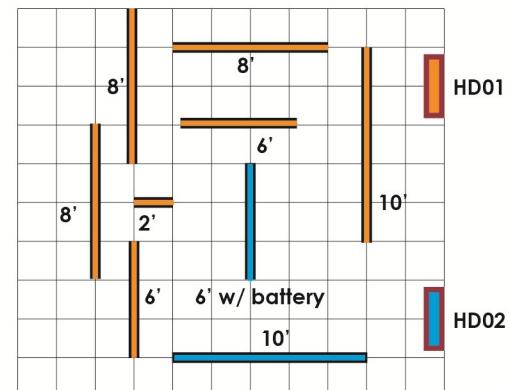
Note: Low Voltage Power transfer wire between fixture and HyperDrive remote power system provided by others.

#2 Example Bill of Materials

Qty. Type

| | | |
|---|---------------------------------------|---|
| 3 | 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 |  |

#2 Example Configuration



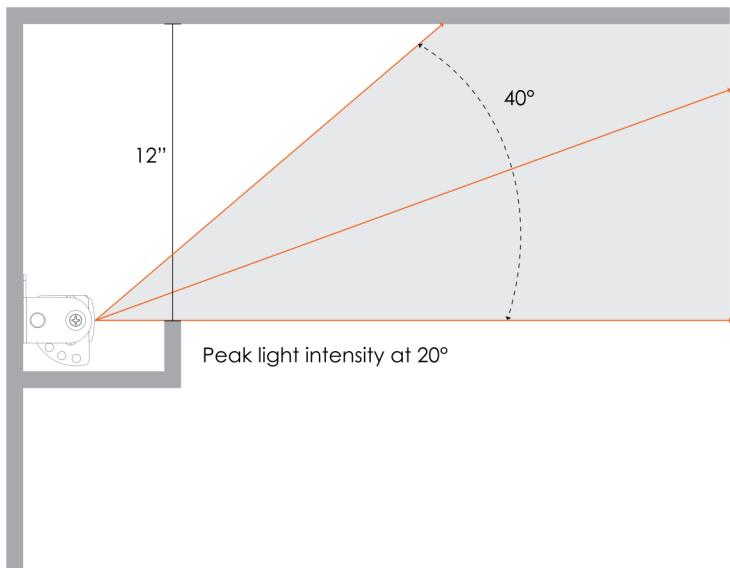
Note: Low Voltage Power transfer wire between fixture and HyperDrive remote power system provided by others.

Cove Application layout

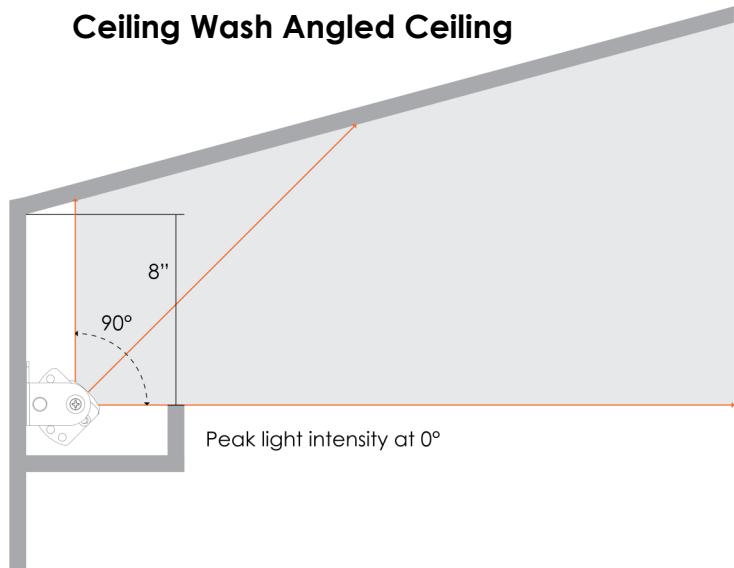
Ceiling Wash Options

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

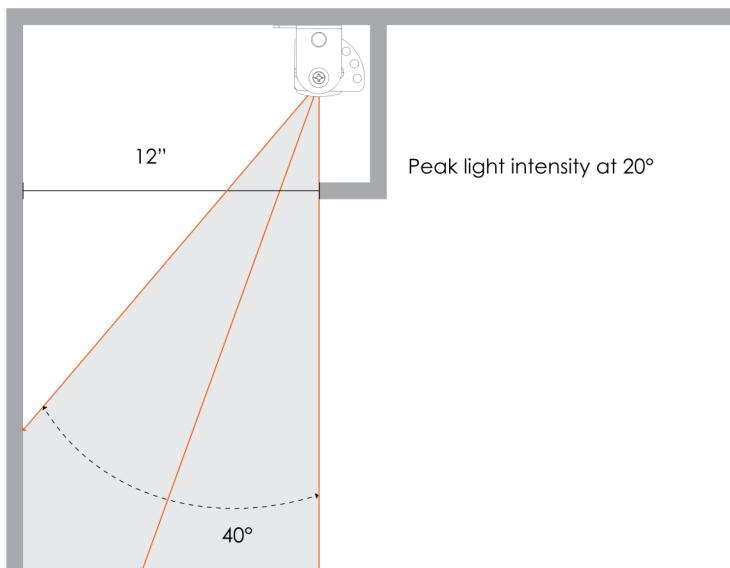
Ceiling Wash Flat Ceiling



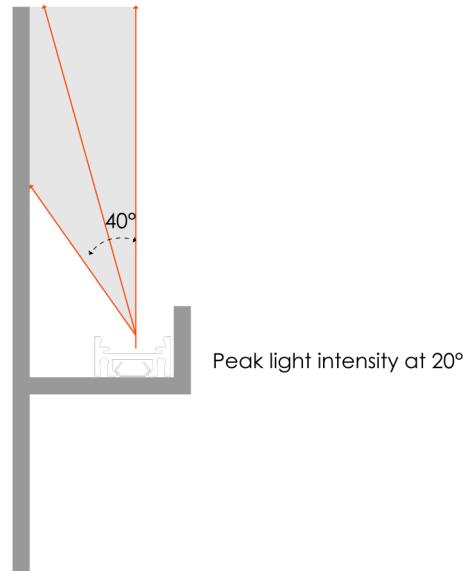
Ceiling Wash Angled Ceiling



Wall Wash From Ceiling



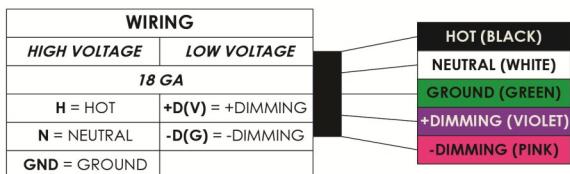
Wall Wash From Below



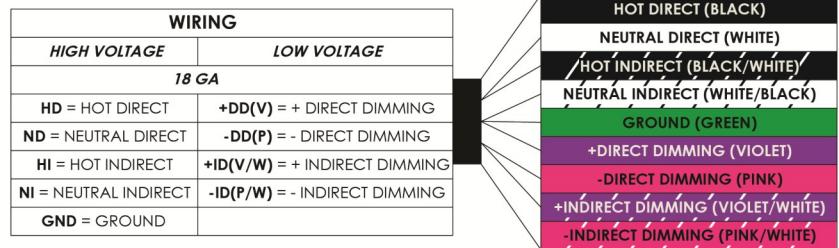
WIRING DIAGRAMS

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

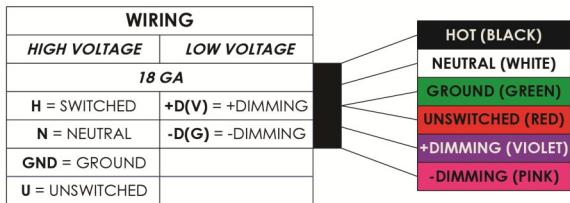
1C



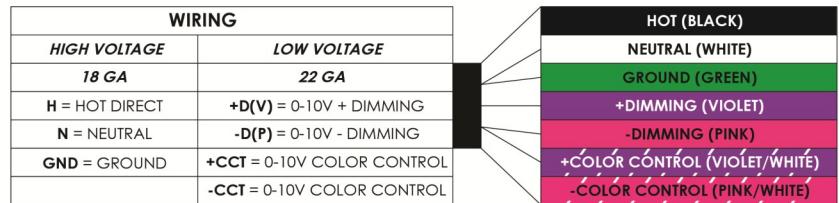
2C



1C-EMB



TW-A



Consult factory for additional wiring options

MICRO COVE

SPECIFICATIONS

Housing

Housing of continuous extruded 6063 T5 aluminum.

Luminaire Length

2', 4', 6' or 8' lengths are available for a single stand-alone section. Using internal joiners, sections can be joined to form longer rows.

Battery

Lithium ion battery providing up to (14W) for 90 minutes. UL924 listed. Class 2 compliant. Meets Title 20 CEC (California Energy Commission) efficiency standards.

Lensing

Snap-in .060" thick acrylic lensing with impact modifier

Source

Four standard 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.

Environment

Suitable for dry and damp locations.
Operating temp.: -40°C to +45°C

Dimming Driver

LED drivers allows tunable output currents to achieve infinite configurations of output. UL Class 2 recognized. 0-10v interface can be wired as Class 1 or Class 2 circuit. Included 2.5Kw ring and wave overcurrent protection, isolation of each individual output and a fully potted driver to protect from heat and vibration. Power factor <.93

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/Cove_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) .