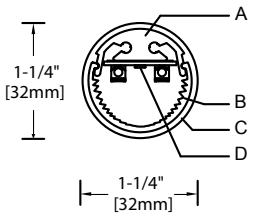
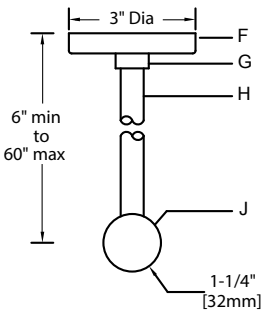
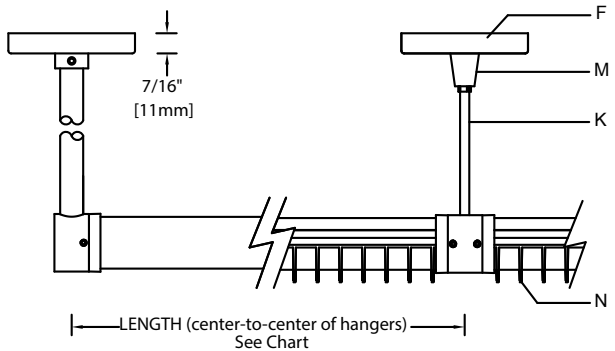
Optical Assembly
1:2 Scale



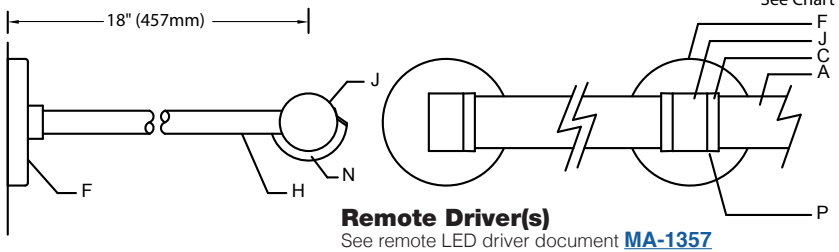
Pendant 1:4 Scale



Cord

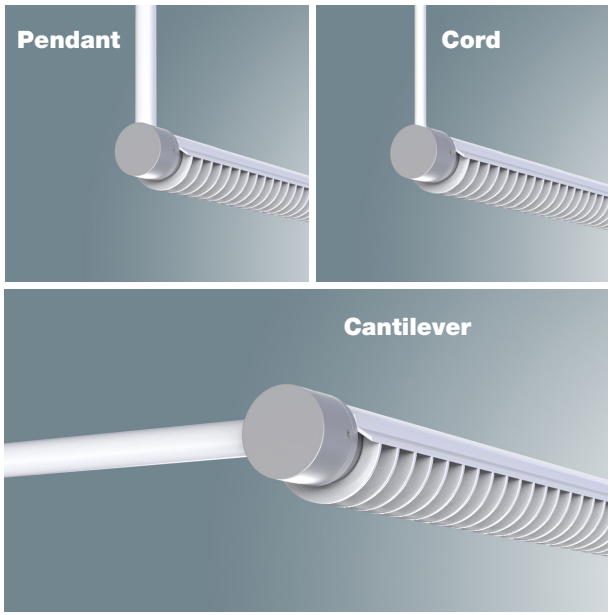


Cantilever 1:4 Scale



LENGTH	*CENTER–CENTER*
2FT	24-3/4" (629mm)
3FT	36-1/2" (927mm)
4FT	48" (1219mm)
5FT	60" (1524mm)
6FT	72" (1829mm)

Remote Driver(s)
See remote LED driver document **MA-1357** for dimensions and wiring,mounting instructions.



Specifications

A Extruded aluminum heat sink/housing
B Extruded semi-diffuse lens
C Die-cast aluminum end plate 1-1/8" dia.
D Linear LED PCB with mid-power LEDs
E Integral visor (extruded aluminum)
F Aluminum canopy (3" dia. x 1/16" D)
G Slip ring with set screw
H Extruded aluminum pendant stem 1/2" O.D.
J Aluminum mounting hub (ordered separately)
K Cord, 96" long
M Cord grip (white, black or gray)
N Optional cross baffle
P Extruded aluminum intermediate cover

Housing and Optic Assembly:
Extruded aluminum heat sink/optic housing. Exterior heat sink anodized for maximum emissivity. Precision extruded polymer refractive lens with optimal dispersion.

Finish:
Bright anodized extruded aluminum heat sink/housing with painted finish, white or black. Formed aluminum canopy, end hubs and stems painted white or black.
Painted surfaces – 6 stage pretreatment and electrostatically applied thermoset polyester powder coating for a durable abrasion, fade and corrosion resistant finish.
All hardware – stainless steel or nickel plated brass.

Mounting:
Required pendant, cantilever or cord mounting hangers -- ordered and priced separately; see pg. SW24.1. Specify end and intermediate hangers as needed. Cantilever/pendant supplied with recessed outlet box (suitable backing structure required). Adjustable interface plate (concealed under canopy) allows for leveling of arms.

Fixture weight: 0.8 lb/ft (1.1 kg/m).

Electrical:
Units are furnished with 10 foot (3048mm) leads for connection to remote driver Class II output. Remote electronic HPF thermally protected Class II driver mounted in aluminum enclosure. For complete driver specifications, see website, reference document **MA-1303**. Optional, compatible dimming controls (by others). See website for dimming compatibility and specifications.

Standard:
UL listed or CSA certified for damp location.
5 year warranty, maximum ambient temperature 45°C (113°F).

rgbw tunable white

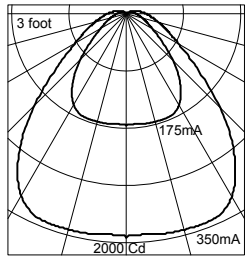
Features

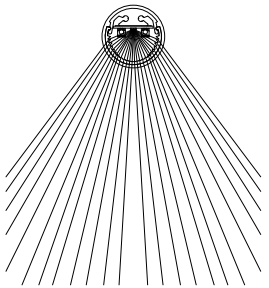
- *Diminutive profile (1.25" diameter housing)*
- *Small, elegant hub hangers with pendant stem, cable, cord or cantilever mounting*
- *Individually mounted or in continuous rows*
- *Cross baffle for low brightness*

SW 35.0

Performance

Precisely extruded acrylic lens produces a wide downlight distribution with excellent brightness control.





L90(10k) > 60,000 hrs.
@ 25°C per TM-21

For LM79 and photometric reports, visit **thelightingquotient.com**

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Project: Type:

To form a Catalog Number

S	1 1 8	-		-		-		-		-		-		-		-		-		-	
1	2		3		4		5		6		7		8		9		10		11		

1 Source

S = Solid state (LED)

2 Style

118 = Xtra small linear low brightness downlight with remote driver

3 Output

L = Low output (3.3W per foot)
S = Standard output (6.5W per foot)
H = High output (13W per foot)

4 Length

2 = 2 feet, 24-3/4" (629mm) center to center of hubs
3 = 3 feet, 36-1/2" (927mm) center to center of hubs
4 = 4 feet, 48" (1219mm) center to center of hubs
5 = 5 feet, 60" (1524mm) center to center of hubs
6 = 6 feet, 72" (1829mm) center to center of hubs

See **Scaled Performance Table**

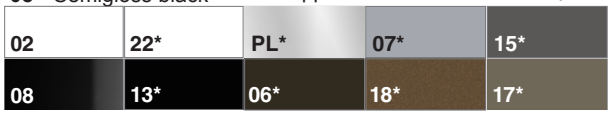
SW 35.1

5 Mounting

X = For use with HMC, HM HMF, HMG or HMP hanger accessories ordered and priced separately
Y = Starter or Intermediate fixture for use with HMQ cord suspension accessory ordered and priced separately
Z = Individual or End of Row fixture for use with HMQ cord suspension accessory ordered and priced separately

6 Finish

02 = Semigloss white
06 = Dark bronze*
07 = Silver*
08 = Semigloss black
13 = Matte Black*
15 = Metallic*
17 = Champagne*
18 = Copper*
22 = Matte White*
PL = Platinum*
99 = Custom or RAL, consult rep.*



* = non-cancellable/returnable

7 Voltage

M = 120-277V Universal voltage input
K = 347V input

8 Option

00 = No options
0B = Cross baffle, provides 25° lateral shielding
0M = For use in MRI medical facility. MRI filters required on output of each remote driver. Consult factory prior to specification.

9 Destination Requirement

0 = UL listed or CSA certified for U.S.
J = UL listed or CSA certified for Canada

10 Color Temperature / CRI

927 = 2700K, 90+ CRI
930 = 3000K, 90+ CRI
935 = 3500K, 90+ CRI
940 = 4000K, 90+ CRI

TWH = Tunable White 2700K-6500K 90+CRI

RGB = Color tunable RGBW with 3500K, 90+ CRI white

Note: Additional CCT and CRI options are available; consult factory.

11 Dimming

00 = Non-dimming
ZX = 0-10V analog dimming 120-277V or 347V input, dimming 100%-1%, 0-10V controls by others
EL = 0-10V eldoLED SOLOdrive, 120-277V input, dimming 100%-0.1%, 0-10V controls by others
ED = DALI eldoLED SOLOdrive, 120-277V input, dimming 100%-0.1%, DALI controls by others
TD = ERP forward or reverse phase 120V only, dimming 100%-6%, 120V phase controls by others
DZ = TWH 2-Channel driver for use with (2) 0-10V controls by others
DD = TWH 2-Channel DALI driver (DALI controls by others)
DA = RGBW 4-Channel DMX module (DMX controls by others)
DM = RGBW 4-Channel eldoLED LINEARdrive (DMX controls by others)

Required Mounting Hangers (X Mount)

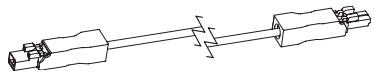
Mounting hangers HMC, HMD, HMF, HMG, HMP or HMQ are required for the S112 — ordered and priced separately. See installation sheets on website. For **individually mounted luminaires**, order two end hangers for each housing. For a **continuous row**, order two end hangers. To determine the **quantity of intermediate hangers**, total the number of housings in the row and subtract one. *Example:* a row of 5 housings requires 2 end hangers and 4 intermediate hangers.

HMA **Surface** hanger with round canopy
HMC **Cantilever** hanger with round canopy, **intermediate**
HMD **Cantilever** hanger with round canopy, **end**
HMF **Pendant** stem with round canopy, **intermediate**
HMG **Pendant** stem with round canopy, **end**
HMP **Cable** hanger with round canopy, **feed**, **non-feed**
HMQ **Cord Suspension** with round canopy, **feed, non-feed**

AccessoriesAccessories

Order separately. See Accessories Section for specifications.

AXC0899 = Accessory plug and socket quick connectors for use with #18/2 AWG solid or topcoat wire by others to extend remote driver distance.



Controls

AWB-TP-DMX-0 = RGBW LED dimmer switch fits in a standard wall switch box and provides on/off control as well as fixed levels of dimmability. The dimmer switch has a color-selection wheel for thousands of color options, 10 dynamic color-changing/single color modes, 0-100% dimming, on/off controls, and 4 color-specific channel controls for red, green, blue, and white.

Additional Wired and wireless controls available, see **Driver and Controls Information**

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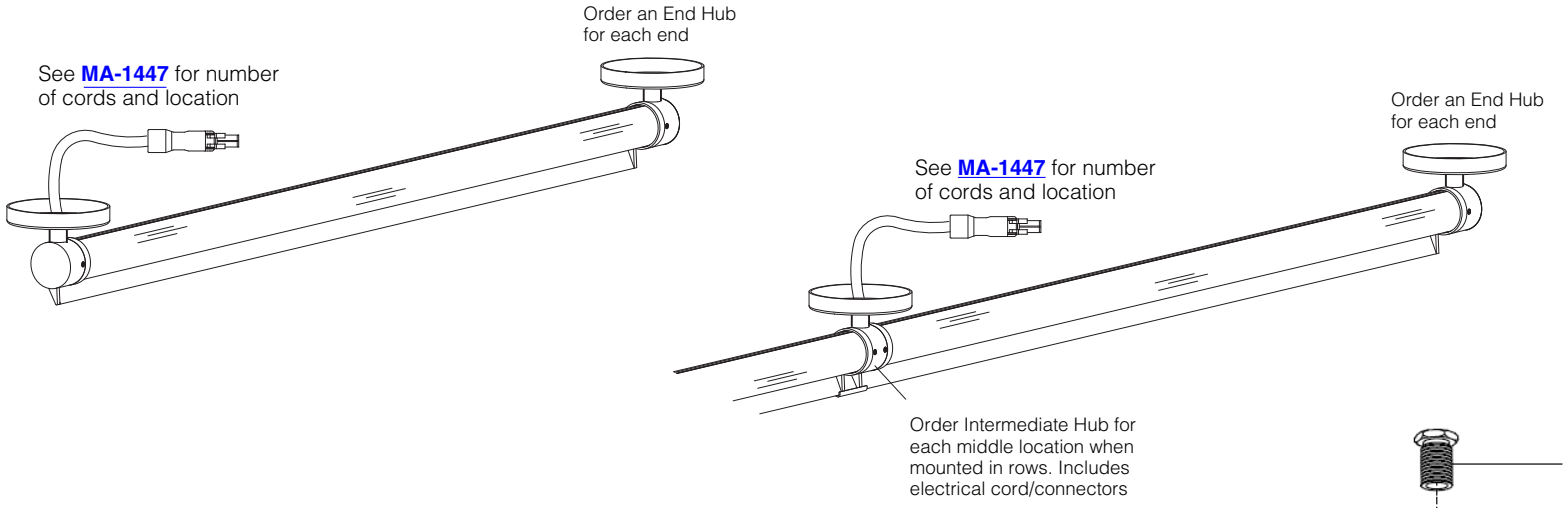
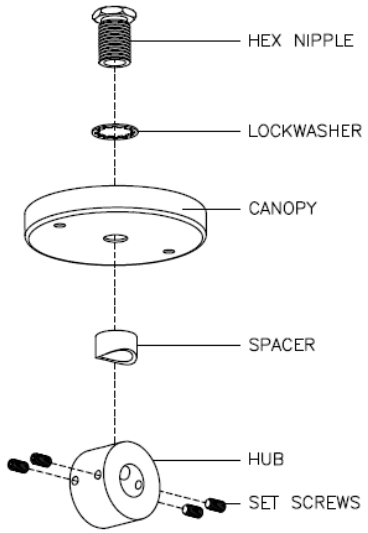
HMA - Mini Hub Suface Hanger

Style S112 shown also valid for Styles S115, S116, and S118)





Application:
Suspends linear LED luminaires below a horizontal ceiling plane in a wall washing orientation. Specify intermediate and end hangers as required. Refer to data pages for applicable luminaire styles.

Construction:
Machined aluminum mounting hub (1-1/4" diameter) threads onto aluminum tube stem (1/2" O.D.). Miniature recessed outlet box (aluminum), 3" diameter aluminum canopy and brass slip ring provided with each hanger assembly. Grooved post at end of luminaire inserts into the hub and is locked with a cone point set screw. Wire leads are managed up stem to outlet box. Additional 10ft long #18 AWG plenum rated cord(s) are provided between outlet box and remote driver(s).

Finish:
Electrostatically applied thermoset polyester powder coat. Stainless steel hardware.

Ordering Information:
For use with S11x linear LED luminaire(s) ordered separately, specify **X** mount. Refer to individual data pages for complete ordering information.

HMA [ ] [ ] [ ] [ ] = **Surface** hanger

0 = U.S.
J = Canada

Length in inches, up to 60" maximum

Finish
02 = Semigloss white
07 = Silver
08 = Semigloss black

Hanger type
1 = End hanger, straight assembly
2 = Intermediate hanger, straight assembly

IA 7.6

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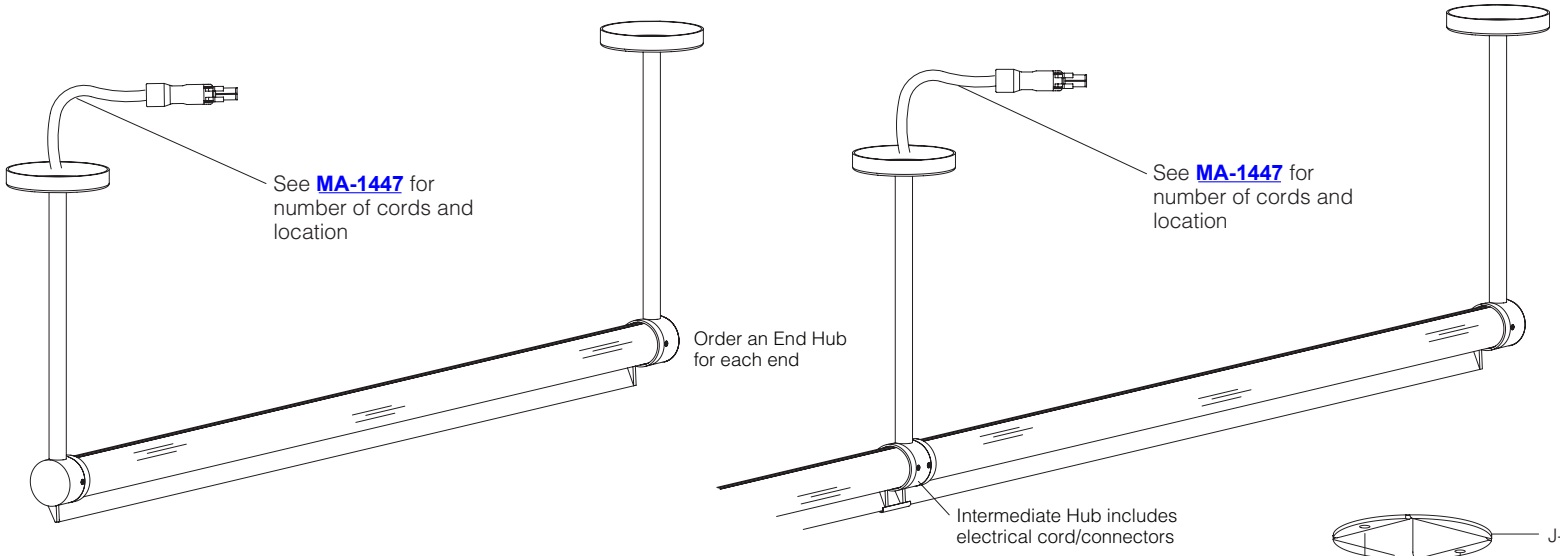
HMF/HMG - Mini Hub Pendant Hanger

Style S112 shown also valid for Styles S115, S116, and S118)



Application:

Suspends linear LED luminaires below a horizontal ceiling plane in a wall washing orientation. Specify intermediate and end hangers as required. Refer to data pages for applicable luminaire styles.

Construction:

Machined aluminum mounting hub (1-1/4" diameter) threads onto aluminum tube stem (1/2" O.D.). Miniature recessed outlet box (aluminum), 3" diameter aluminum canopy and brass slip ring provided with each hanger assembly. Grooved post at end of luminaire inserts into the hub and is locked with a cone point set screw. Wire leads are managed up stem to outlet box. Additional 10ft long #18 AWG plenum rated cord(s) are provided between outlet box and remote driver(s).

Length:

Specify in 1" increments up to 60" maximum (6" minimum); see S112 data sheet. Pendant length is measured from center of mounting hub to underside of ceiling surface.

Finish:

Electrostatically applied thermoset polyester powder coat. Stainless steel hardware.

Ordering Information:

For use with S11x linear LED luminaire(s) ordered separately, specify **X** mount. Refer to individual data pages for complete ordering information.

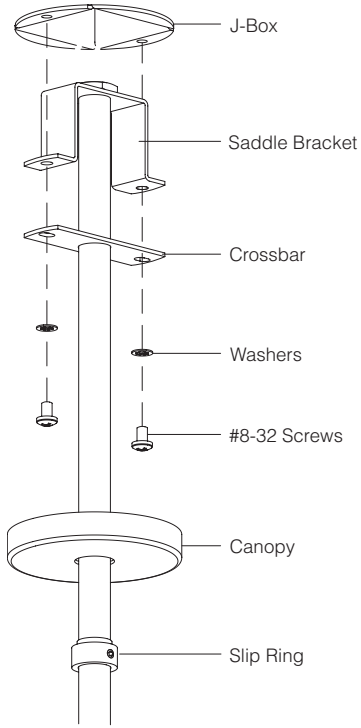
HM ____ ____ ____ ____ = **Pendant** hanger, linear solid state

0 = U.S.
J = Canada

Length in inches, up to 60" maximum

02 = Semigloss white
07 = Silver
08 = Semigloss black

F = Intermediate hanger, straight assembly
G = End hanger, straight assembly



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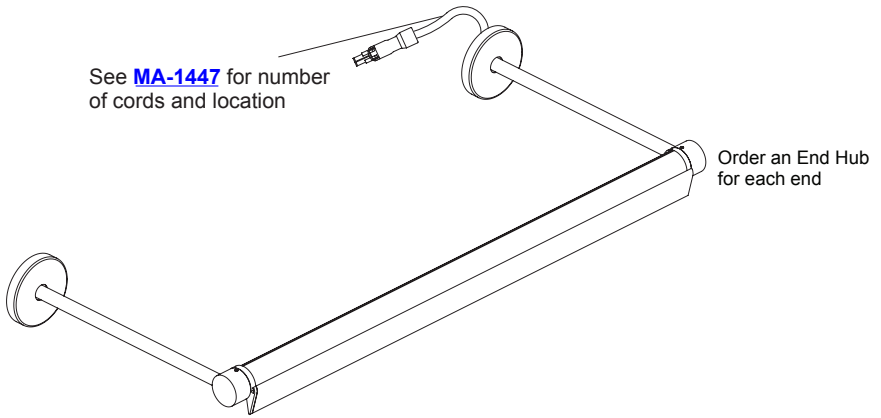
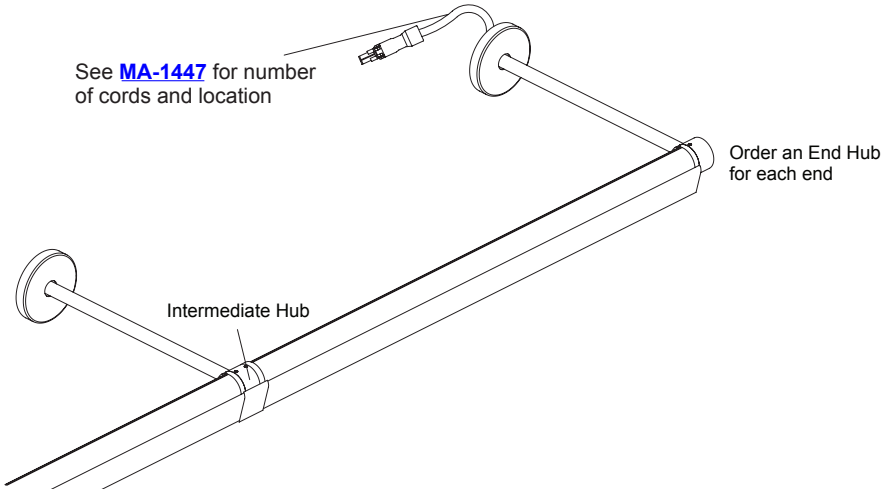
HMC/HMD - Mini Hub Cantilever Hanger

Style S112 shown also valid for Styles S115, S116, and S118)





IA 7.3

Application:

Allows linear LED luminaires to mount and extend from the wall to be lighted. Specify intermediate and end hangers as required. Refer to data pages for applicable luminaire styles.

Construction:

Machined aluminum mounting hub (1-1/4" diameter) threads onto aluminum tube cantilever arm (1/2" O.D.). Miniature recessed outlet box (aluminum), 3" diameter aluminum canopy and brass slip ring provided with each hanger assembly. Grooved post at end of luminaire inserts into the hub and is locked with a cone point set screw. Slotted crossbar allows leveling of cantilever arm. Wire leads are managed up stem to outlet box. Additional 10ft long #18 AWG plenum rated cord(s) are provided between outlet box and remote driver(s).

Length:

Standard length is 18"; specify in 1" increments (6" minimum). See S112 data sheet. Cantilever length is measured from center of mounting hub to wall.

Finish:

Electrostatically applied thermoset polyester powder coat. Stainless steel hardware.

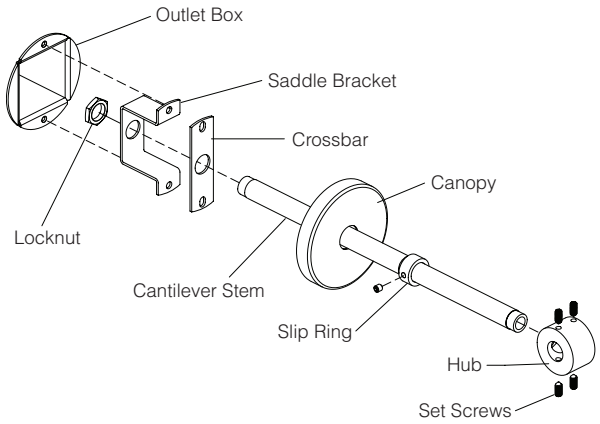
Ordering Information:

For use with S112 linear LED luminaire(s) ordered separately, specify **Y** mount for them. Refer to individual data pages for complete ordering information.

HM ___ ___ **18** ___ = **Cantilever with round canopy**, 18" setback linear source
- **0** = U.S.
- **J** = Canada

___ ___
- **02** = Semigloss white
- **07** = Silver
- **08** = Semigloss black

___
- **C** = Intermediate hanger
- **D** = End hanger



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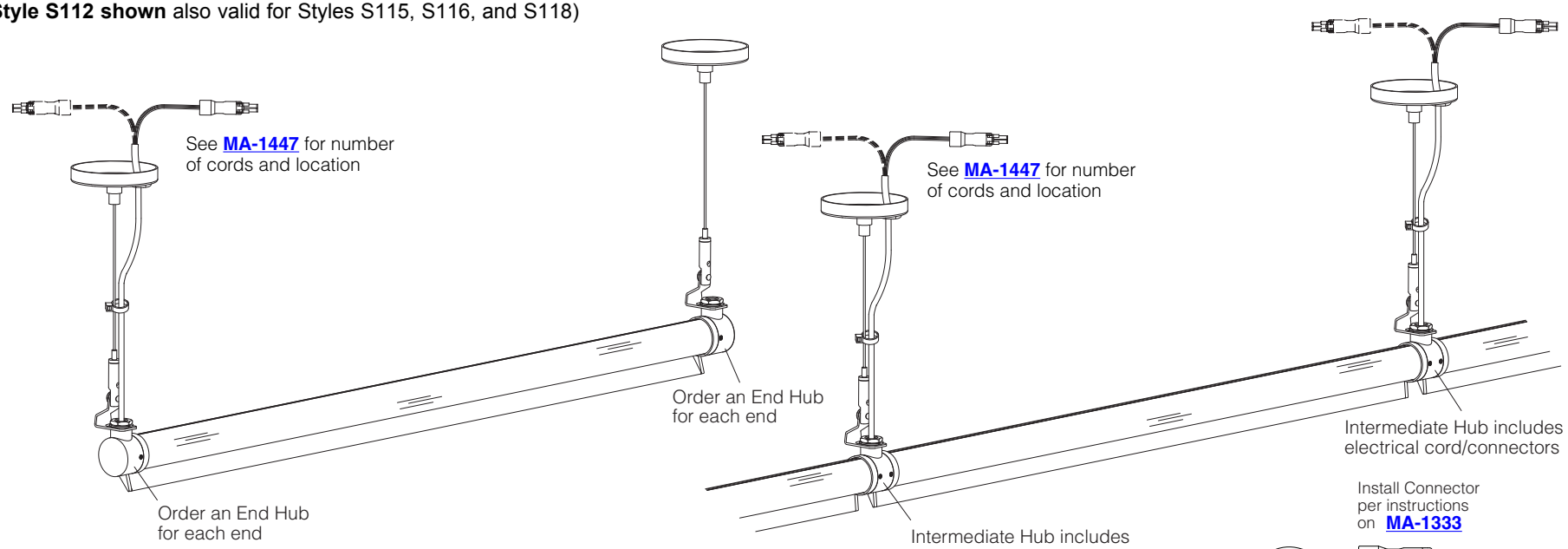
HMP - Mini Hub Cable Hanger

Style S112 shown also valid for Styles S115, S116, and S118)



Application: Suspends Style S112 luminaire below a ceiling plane in a wall washing orientation. Specify end electrical, end non-electrical and intermediate cable hangers as required.

Construction:

Machined aluminum mounting hub (1-1/4" diameter) with 1/16" dia. 7x7 stranded aircraft cable with 1/4-20 coupler, steel crossbar and aluminum ceiling canopy. Miniature recessed outlet box (aluminum). 3" diameter aluminum canopy. Cable glider at hub allows length to be field adjusted.

Threaded rod, T-bar clips or alternative 1/4-20 hangers are supplied by installing contractor. Nipple at end of luminaire inserts into the hub and is locked with a cone point set screw. Additional 10ft long #18 AWG plenum rated cord(s) are provided between outlet box and remote driver(s).

Length: Field adjustable length up to 96" maximum.

Finish: Hub and canopy receive a 6-stage pretreatment and electrostatically applied thermoset powder for a stable, long lasting and corrosion resistant finish. Cable hardware is nickel plated brass.

Note: Cable gliders are NOT suitable for DAMP locations.

Ordering Information:

For use with Style S112 linear LED luminaire(s) ordered separately, specify **X** mount. Refer to individual data pages for complete ordering information.

HMP [ ] [ ] [ ] [ ] [ ]

Mini hub/cable mount, end or intermediate with aircraft cable hanger

Destination Requirement
0 = U.S.
J = Canada

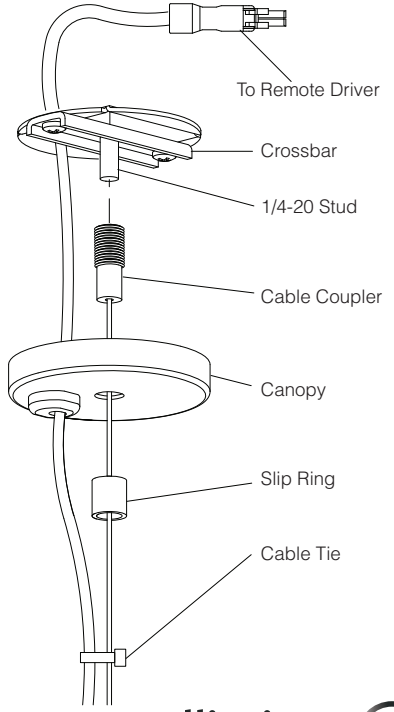
Canopy finish
02 = Semigloss white
07 = Silver
08 = Semigloss black

Cable length
96 = 96" length (2438mm)

Hub finish
02 = Semigloss white
07 = Silver
08 = Semigloss black

Configuration
1 = End hub (electrical)
2 = End hub (non-electrical)
3 = Intermediate hub (electrical)

Install Connector per instructions on **MA-1333**



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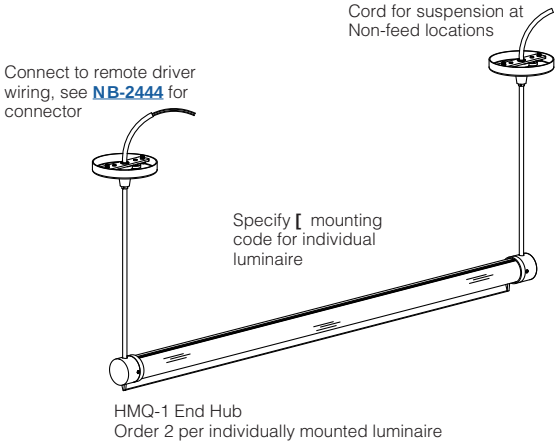
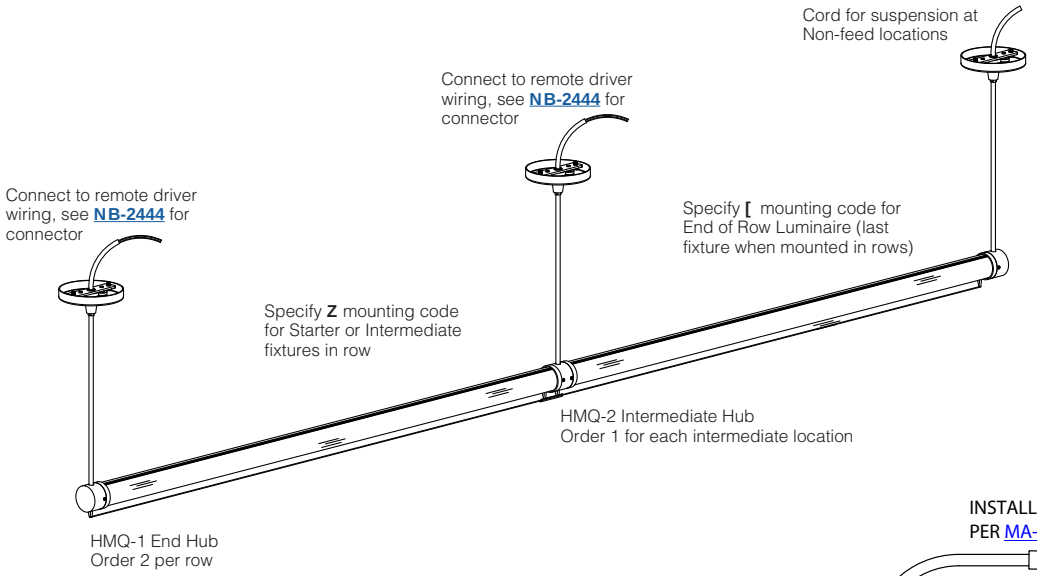
HMQ - Mini Hub Cord Hanger

Style S112 shown also valid for Styles S115, S116, and S118)





Application:

Suspends Style S112 luminaire below a ceiling plane in a wall-washing orientation. Specify end electrical, end non-electrical and intermediate HMQ hangers as required.

Construction:

Machined aluminum mounting hub (1-1/4" diameter x 3-3/4" wide) with 1/4" diameter cord., steel crossbar and steel ceiling canopy. Miniature recessed outlet box (aluminum) with aluminum toggle bracket and stainless steel screws. Cord grip allows height adjustment and leveling of luminaire. Nipple at end of luminaire inserts into the hub and is locked with a cone point set screw. Additional 10ft long #18 AWG plenum rated cord(s) are provided between outlet box and remote driver(s). Modular 2-wire connectors provided for attachment to cord and plug into driver box.

Length:

Field adjustable length up to 96" maximum.

Finish:

Hub and canopy receive a 6-stage pretreatment and electrostatically applied thermoset powder for a stable, long lasting and corrosion-resistant finish. Note: HMQ hangers are NOT suitable for DAMP locations.

Ordering Information:

For use with S11x Linear luminaires ordered separately.
Specify **Y** mount for starter or intermediate units and **Z** mount for end of row or individually mounted units.

HMQ ____ ____ ____ ____ ____

Mini hub/cord mount End or intermediate hanger

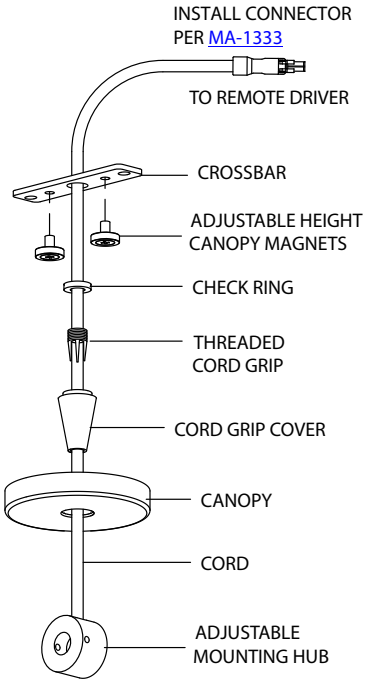
Destination Requirement
0 = U.S.
J = Canada

Canopy Finish
02 = Semigloss white
07 = Silver/Gray
08 = Black

Cable Length
96 = 96" Length

Hub & Cord Finish
02 = Semigloss white
07 = Silver/Gray
08 = Black

Configuration
1 = End hub
2 = Intermediate



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