

## **Specifications**

- A Extruded aluminum heat sink/housing
- Extruded semi-diffuse lens
- C Die-cast aluminum end plate 1-1/8" dia.
- **D** Linear LED PCB with mid-power LEDs

See remote LED driver document MA-1357 for dimensions and wiring, mounting instructions.

- **E** Integral visor (extruded aluminum)
- Aluminum canopy (3" dia. x 1/16" D)
- **G** Slip ring with set screw
- Extruded aluminum pendant stem 1/2" O.D.
- Aluminum mounting hub (ordered separately)
- K Cord. 96" long
- M Cord grip (white, black or gray)
- N Optional cross baffle
- 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.

5 year warranty, maximum ambient temperature 45°C (113°F).

Standard: UL listed or CSA certified for damp location.



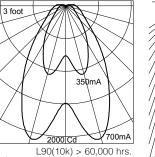
### **Features**

- Inconspicuous low profile lights entire wall evenly without emphasizing surface imperfections (unlike slot grazers)
- Built-in visor provides shielding of glare from below
- Adjustable and lockable aiming
- Small, elegant hub hangers with pendant stem, cable, or cantilever mounting

### **Performance**

Precisely extruded acrylic lens produces an asymmetric distribution ideal for illuminating vertical surfaces evenly

from top to bottom.



For LM79 and photometric reports, visit

thelightingquotient.com





## 1 Source

S = Solid state (LED)

# 2 Style

116 = Xtra small linear bi-asymmetric with remote driver

# 3 Length / Light Output / Power

ORDER CODE	LENGTH	LUMENS	INPUT WATTS	NUMBER OF LEDS	DRIVE CURRENT
R02G	2FT	693	7	72	175mA
R02L	2FT	1359	14	72	350mA
R02M	2FT	2634	27	72	700mA
R03G	3FT	1040	10	108	175mA
R03L	3FT	2038	20	108	350mA
R03M	3FT	3951	41	108	700mA
R04G	4FT	1386	14	144	175mA
R04L	4FT	2718	27	144	350mA
R04M	4FT	5268	54	144	700mA
R05G	5FT	1733	17	180	175mA
R05L	5FT	3397	34	180	350mA
R05M	5FT	6585	68	180	700mA
R06G	6FT	2080	20	216	175mA
R06L	6FT	4076	41	216	350mA
R06M	6FT	7902	81	216	700mA

Based on 3500K/80+CRI. Click here for scaled performance table.

# 4 Mounting

- **X** = For use with HMC, HMD, 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

# 5 Finish

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

22\* PL\* 02 07\* 15\* 13\* 06\*

<sup>\* =</sup> non-cancellable/returnable



# 6 Voltage

= 120-277V Universal voltage input

= 347V input

# **7 Option** (See Accessories Section for specifications)

00 = No options

**0B** = Cross baffle, provides 25° lateral shielding

**OM** = For use in MRI medical facility. MRI filters required on output of each remote driver. Consult factory prior to specification.

# **Destination Requirement**

= UL listed or CSA certified for U.S.

UL listed or CSA certified for Canada

# 9 Color Temperature / CRI

<b>827</b> = 2700K, 80+ CRI	927 = 2700K, 90+ CRI
<b>830</b> = 3000K, 80+ CRI	930 = 3000K, 90+ CRI
<b>835</b> = 3500K, 80+ CRI	935 = 3500K, 90+ CRI
<b>840</b> = 4000K, 80+ CRI	940 = 4000K, 90+ CRI

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

Tunable White or RGBW - Consult factory



# 10 Dimming\*\*

00 = Non-dimming

**TD** = ERP forward phase or reverse phase (120V only), dimming range 100-10% power, compatible controls by

**ZX** = 0-10V analog dimming 120-277V input, dimming range 100%-1%, 0-10V controls by others

**EL** = eldoLED SOLOdrive 120-277V input, 0-10V analog dimming 100%-0.1% power (controls by others)

**ED** = eldoLED SOLOdrive 120-277V input, dimming range 100%-0.1%, DALI controls by others

\*\*Dimming range refers to % power input, % light output will vary.

## **Required Mounting Hangers (X Mount)**

Mounting hangers HMC, HMD, HMF, HMG, HMP or HMQ are required for the S116 — 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.

**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

### **Accessories**

Type:

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.



consult rep.

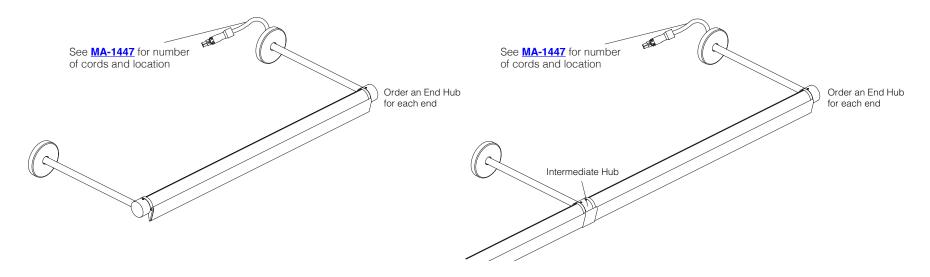
Refer to Driver Information document MA-1357

Note: Number of drivers varies with length and drive current see MA-1447

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## Cantilever linear solid state (LED)

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



### 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).

#### Lenath:

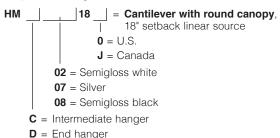
Standard length is 18"; specify in 1" increments (6" minimum). See S112 data sheet. Cantilever length is measured from center of mounting hub to wall.

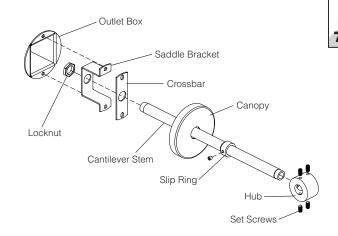
#### Finish:

Electrostatically applied thermoset polyester powder coat. Stainless steel hardware.

### Ordering Information:

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







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To Remote Driver

Crossbar

1/4-20 Stud

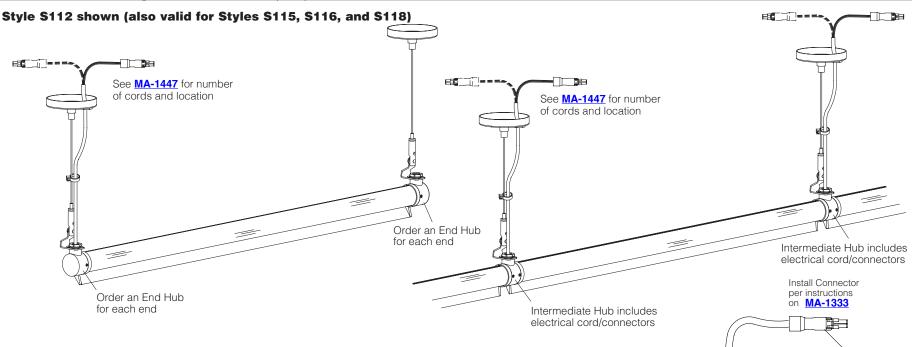
Cable Coupler

Canopy

Slip Ring

Cable Tie

## Mini hub/cable hanger linear solid state (LED)



**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.

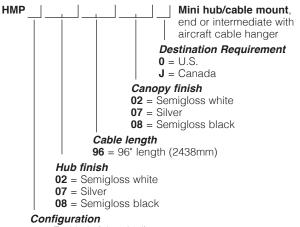
**Finish:** Hub and canopy receive a 6-stage pretreatment and electrostatically applied thermoset powder for a stable, long lasting and corrosion resistant finish. Cable hardware is nickel plated brass.

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.



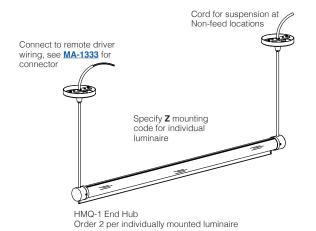
- 1 = End hub (electrical)
- **2** = End hub (non-electrical)
- 3 = Intermediate hub (electrical)

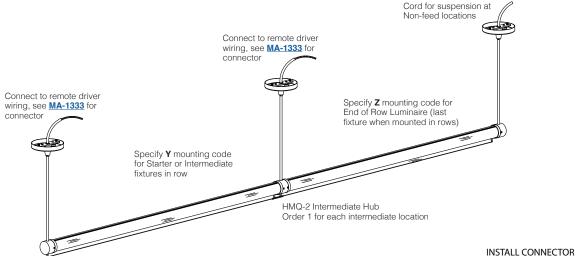
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## Cord and Hub Suspension linear solid state (LED)

### 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

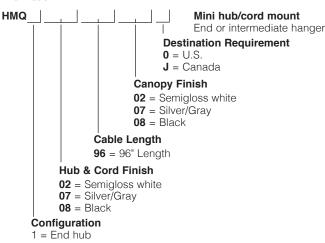
Hub and canopy receive a 6-stage pretreatment and electrostatically applied thermoset powder for a stable, long lasting and corrosion-resistant finish. Note: HMQ hangers are NOT suitable for DAMP locations.



### Ordering Information:

HMQ-1 End Hub Order 2 per row

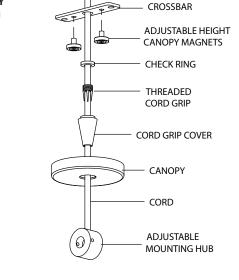
For use with S112 linear LED luminaire(s) ordered separately, specify **Y** mount for them. Refer to individual data pages for complete ordering information.



2 = Intermediate hub

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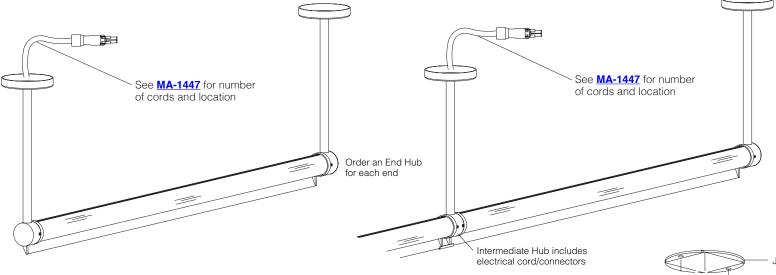
PER MA-1333

TO REMOTE DRIVER



## **Wallwash Pendant** linear solid state (LED)

## Style \$112 shown (also valid for Styles \$115, \$116, and \$118)



#### 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:

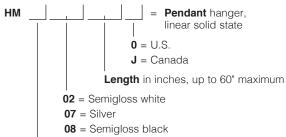
Specify in 1" increments up to 60" maximum (6" minimum); see S112 data sheet. Pendant length is measured from center of mounting hub to underside of ceiling surface.

#### Finish:

Electrostatically applied thermoset polyester powder coat. Stainless steel hardware.

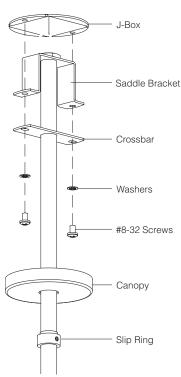
### Ordering Information:

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



**F** = Intermediate hanger, straight assembly

**G** = End hanger, straight assembly





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