Lighting the Wall

Xtra small linear, remote driver

LENGTH

2FT

3FT

4FT

5FT

6FT

gray)

CENTER-CENTER

24-3/4" (629mm)

36-1/2" (927mm)

48" (1219mm)

60" (1524mm)

72" (1829mm)

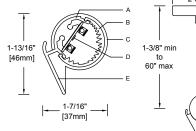
M Cord grip (white, black or

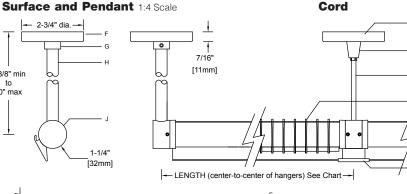
N Optional cross baffle

intermediate cover

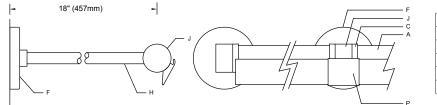
P Extruded aluminum







Cantilever 1:4 Scale



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 7/16" D)

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:

K Cord, 96" long

J

G Slip ring with set screw

pendant stem 1/2" O.D.

Aluminum mounting hub

(ordered separately)

H Extruded aluminum

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).



Pendant
Cantilever

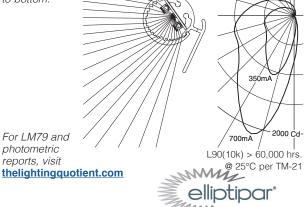
Features

- 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.







1 Source

S = Solid state (LED)

2 Style

112 = Xtra small linear LED asymmetric, remote driver

3 Length / Light Output / Power

ORDER CODE	LENGTH	LUMENS	INPUT WATTS	NUMBER OF LEDS	DRIVE CURRENT
R02G	2FT	975	7	72	175mA
R02L	2FT	1911	13	72	350mA
R02M	2FT	3704	27	72	700mA
R03G	3FT	1462	10	108	175mA
R03L	3FT	2866	20	108	350mA
R03M	3FT	5555	40	108	700mA
R04G	4FT	1949	13	144	175mA
R04L	4FT	3821	27	144	350mA
R04M	4FT	7407	53	144	700mA
R05G	5FT	2437	17	180	175mA
R05L	5FT	4777	33	180	350mA
R05M	5FT	9259	67	180	700mA
R06G	6FT	2924	20	216	175mA
R06L	6FT	5732	40	216	350mA
R06M	6FT	11111	80	216	700mA

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

4 Mounting

SV

- **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

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

22* 02 PL* 07* 15* 13* 06* 17* 08

* = non-cancellable/returnable

6 Voltage

- M = 120-277V Universal voltage input
- κ 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.

8 **Destination Requirement**

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

9 Color Temperature / CRI

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

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

RGB = RGBW (Red, Green, Blue, 3500K White, for use with DMX driver only)

Tunable White - Consult factory.



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

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.



RGBW Controls

ADW0000 = Accessory DimWheel DMX wall box controller. Mounts into standard switch box by others. Single-button controller allows control of dimming level, color and has preprogrammed show modes. Show sequences can also be designed and uploaded to DimWheel using free software by eldoLED.



- 100%-0.1%, DALI controls by others
- **DM**= For RGBW only, eldoLED LINEARdrive 120-227V input, DMX controls by others

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

Refer to Driver Information document MA-1357

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

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10 Dimming**

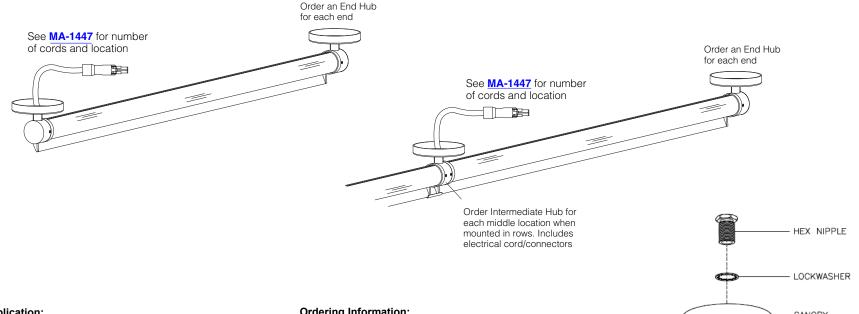
00 = Non-dimming

- **TD** = ERP forward phase or reverse phase (120V only), dimming range 100-10% power, compatible controls by others
- **ZX** = 0-10V analog dimming 120-277V input, dimming range 100%-1%. 0-10V controls by others
- **L2** = Lutron Hi-lume LTE 120V input only, dimming range 100%-1%, compatible 2-wire dimming 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

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:

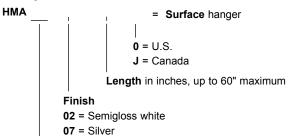
Machined aluminum mounting hub (1-1/4" diameter) threads onto aluminum tube stem (1/2" O.D.). Miniature recessed outlet box (aluminum), 3" diameter aluminum canopy and brass slip ring provided with each hanger assembly. Grooved post at end of luminaire inserts into the hub and is locked with a cone point 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:

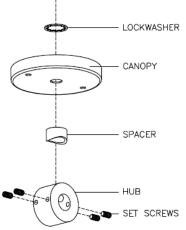
For use with S11x linear LED luminaire(s) ordered separately. specify X mount. Refer to individual data pages for complete ordering information.



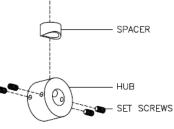
08 = Semigloss black

Hanger type

- 1 = End hanger, straight assembly
- 2 = Intermediate hanger, straight assembly







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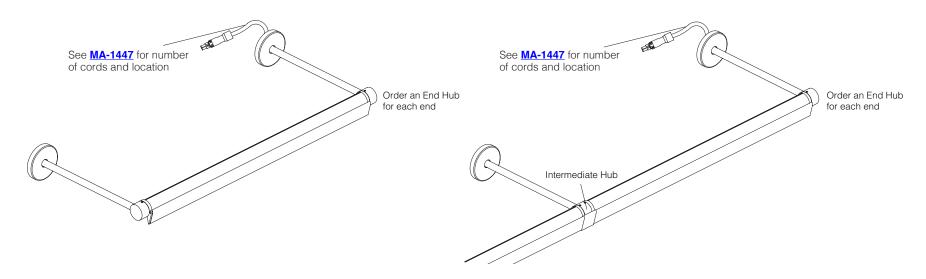
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Indoor Accessories

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).

Length:

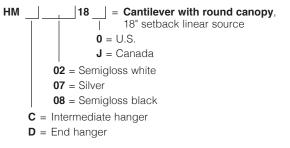
Standard length is 18"; specify in 1" increments (6" minimum). See S112 data sheet. Cantilever length is measured from center of mounting hub to wall.

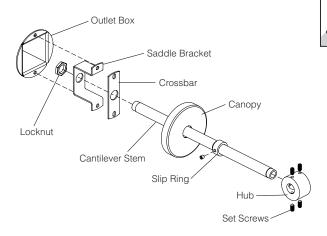
Finish:

Electrostatically applied thermoset polyester powder coat. Stainless steel hardware.

Ordering Information:

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





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Indoor Accessories

Crossbar

1/4-20 Stud

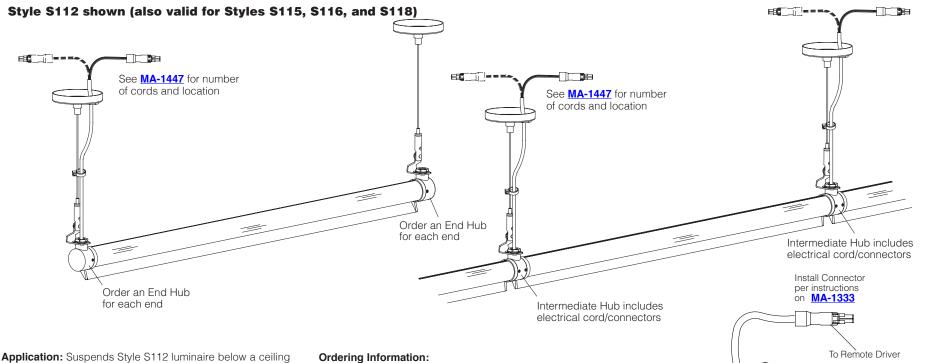
Cable Coupler

Canopy

Slip Ring

Cable Tie

Mini hub/cable hanger linear solid state (LED)



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).

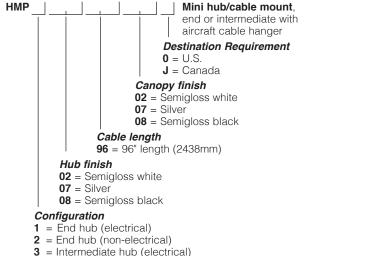
Length: Field adjustable length up to 96" maximum.

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.



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

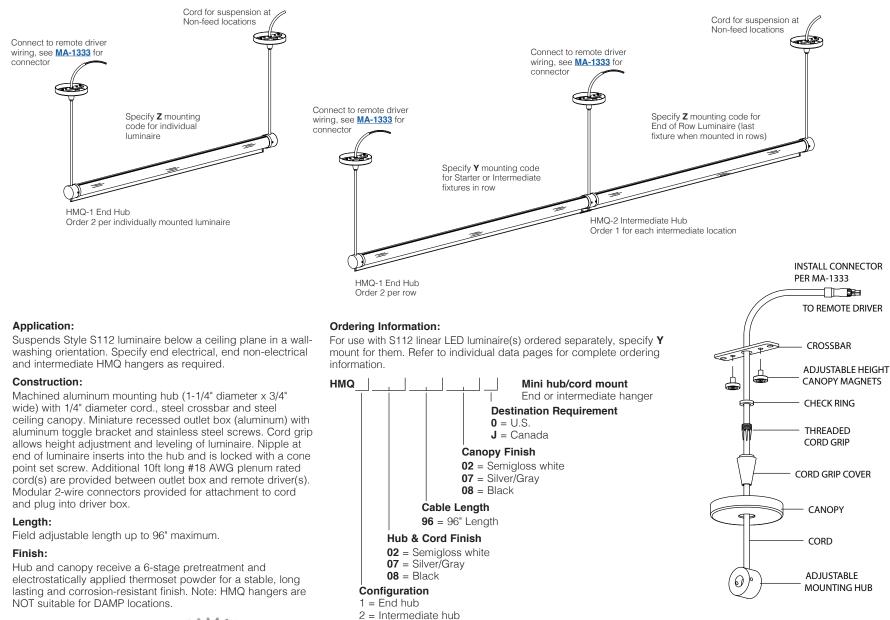


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Cord and Hub Suspension linear solid state (LED)

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



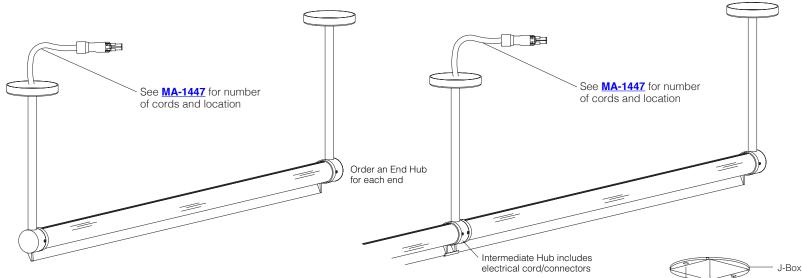


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Wallwash Pendant linear solid state (LED)

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:

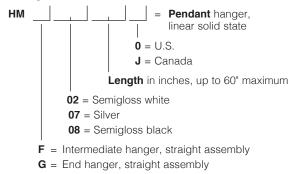
Specify in 1" increments up to 60" maximum (6" minimum); see S112 data sheet. Pendant length is measured from center of mounting hub to underside of ceiling surface.

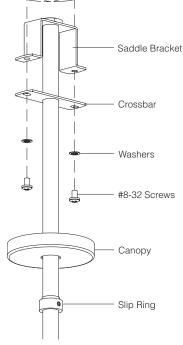
Finish:

Electrostatically applied thermoset polyester powder coat. Stainless steel hardware.

Ordering Information:

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







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