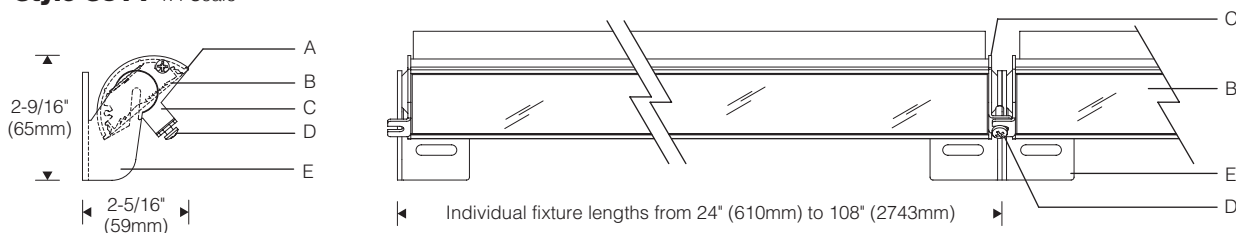
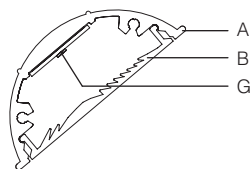


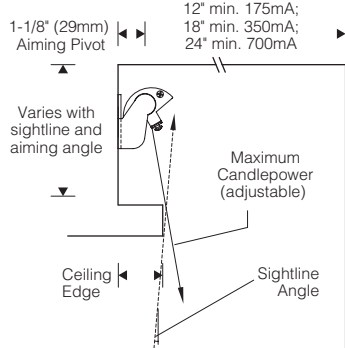
## Style S314 1:4 Scale



## Optical Assembly 1:2 Scale



## Slot 1:8 Scale



## Remote Driver

See remote LED driver document [MA-1357](#) for dimensions and wiring, mounting instructions.



## Specifications

- |  |  |  |
|--|--|--|
| <b>A</b> Serviceable extruded aluminum heat sink/housing | <b>C</b> Stainless steel end plates with interlocking tabs | <b>E</b> L-shaped mounting feet, one pair per optical assembly (fasteners by others) |
| <b>B</b> Extruded acrylic beam shaping lens              | <b>D</b> Rotation locking tab with locking set screw       | <b>G</b> Constant current LED board  |

## Optic Assembly:

Extruded aluminum heat sink/optic housing. Exterior heat sink anodized for maximum emissivity. Stainless steel end plates. Extruded acrylic refractive semi-diffuse asymmetric beam shaping lens.

## Finish:

Optic assembly – bright anodized aluminum. Mounting feet – mill finish aluminum or painted semigloss white for natatorium option. Painted surfaces receive a 6-stage pretreatment process prior to electrostatically applied baked powder enamel. All hardware – stainless steel.

## Mounting:

Side arms with mounting tabs can be wall or ceiling mounted (fasteners by others). Luminaires can be mounted individually or joined together to form a continuous row. Optical assembly aiming is adjustable and is fixed in position by rotation locking screws at each side arm. When mounted in a continuous row, assemblies lock together allowing all in the row to be aimed together.

Fixture weight: 1.0 lb/ft (1.5 kg/m).

## Electrical:

Use 90°C wire for supply connections. 5' (1.5m) wire leads exit center of the housing.

Remote electronic Class II constant current high power factor drivers. Number of drivers varies by length and dimming type; consult factory. For complete driver specifications, see website, reference document [MA-1303](#). Aluminum driver enclosure includes (8) 7/8" dia. entries for supply wiring and low voltage receptacle(s) for connection to luminaire. Optional, compatible dimming controls (by others). Maximum wire length between electronic driver and fixture varies by manufacturer. See website for dimming compatibility and specifications.

## Standard:

UL listed or CSA certified for damp locations. For natatorium use, specify **OP** option. 5 year warranty, maximum ambient temperature 45°C (113°F).

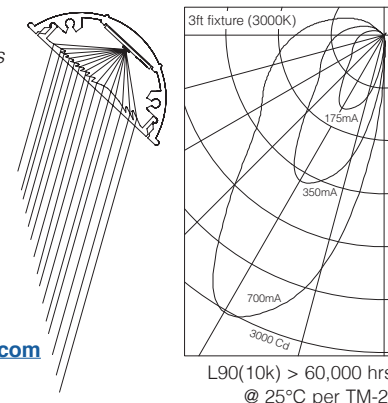
## Features

- Tunable White Now Available!
- Asymmetric distribution – uniform surface illumination
- Wide lateral distribution – no socket shadows
- Fully adjustable and lockable optic assembly
- Remote driver – ideal for MRI applications or where access to fixture is difficult

## Performance

Precisely extruded acrylic lens produces an asymmetric distribution ideal for illuminating walls evenly.

For LM79 and photometric reports, visit [thelightingquotient.com](http://thelightingquotient.com)



To form a Catalog Number

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

Project: \_\_\_\_\_

Type: \_\_\_\_\_

## 1 Source

S = Solid state (LED)

## 2 Style

314 = Small linear concealed LED with remote driver

## 3 Length / Light Output / Power

ORDER CODE	LENGTH	LUMENS	INPUT WATTS	NUMBER OF LEDS	DRIVE CURRENT
R02G	2FT	982	7	72	175mA
R02L	2FT	1925	14	72	350mA
R02M	2FT	3731	27	72	700mA
R03G	3FT	1473	10	108	175mA
R03L	3FT	2887	20	108	350mA
R03M	3FT	5596	41	108	700mA
R04G	4FT	1964	14	144	175mA
R04L	4FT	3849	27	144	350mA
R04M	4FT	7461	54	144	700mA
R05G	5FT	2455	17	180	175mA
R05L	5FT	4812	34	180	350mA
R05M	5FT	9327	68	180	700mA
R06G	6FT	2946	20	216	175mA
R06L	6FT	5774	41	216	350mA
R06M	6FT	11192	82	216	700mA
R07G	7FT	3436	24	252	175mA
R07L	7FT	6736	48	252	350mA
R07M	7FT	13057	95	252	700mA
R08G	8FT	3927	27	288	175mA
R08L	8FT	7698	54	288	350mA
R08M	8FT	14923	109	288	700mA
R09G	9FT	4418	31	324	175mA
R09L	9FT	8661	61	324	350mA
R09M	9FT	16788	122	324	700mA

Based on 3500K/80+CRI. [Click here](#) for scaled performance table.

Note: Other drive currents are available, consult factory.

## 4 Mounting

S = Sidearms with mounting tabs

## 5 Finish

- 00 = Anodized optical housing/heat sink; mill finish brackets and remote driver enclosure; stainless steel luminaire hardware (natatorium use option is painted)
- 02 = For damp / natatorium use. Driver enclosure and mounting brackets finished semi-gloss white, optical housing/heat sink are bright anodized

## 6 Voltage

M = 120-277V Universal voltage input

K = 347V input

## 7 Option (See Accessories Section for specifications)

00 = No options

0P = **Natatorium** use; side arms, driver box pretreated and painted semigloss white

0M = For use in MRI medical facility. MRI filters are required on each output from remote drivers. Not for use with all dimming types; consult factory prior to specification.

## 8 Destination Requirement

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

J = UL listed or CSA certified for Canada

## 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.

### Tunable White CCT Option

**TWH** = Tunable White from 2700K through 6500K, 80+ CRI. Intensity and CCT controlled via two (2) separate 0-10V analog controls (by others). Additional controls options are available, consult factory.

**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 others

ZX = 0-10V analog dimming 120-277V or 347V 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 (see note\*)

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.

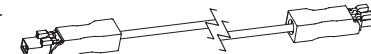
Refer to Driver Information document [MA-1303](#)

## Accessories

Ordered and priced separately. See Accessories Section for specifications.

**AXC0810** = Accessory extension cord, black jacket 18AWG, 10' long with plug and socket quick connectors at each end.

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



## Example

### S314-R09M-S-00-M-00-0-30-ZX

Small concealed LED, 9 foot long (2.74m) luminaire driven at 700mA. Anodized aluminum housing, mill finish mounting feet and remote driver enclosure. 120-277V input, 0-10V analog dimming controls by others, UL listed or CSA certified for U.S., dry location. 3000K/80+ CRI.



elliptipar from The Lighting Quotient

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