Style S144 1:5 Scale √ 5-1/16" (129mm) $\overline{\blacksquare}$ 2-7/8 (73mm ____

Top View (S Mount) 1:5 Scale

24-3/8" (619mm), 36-1/4" (921mm), 48-1/4" (1226mm), 60-1/4" (1530mm), 72-1/4" (1835mm), 84-1/4" (2140mm), 96-1/4" (2445mm), 108-1/4" (2750mm)

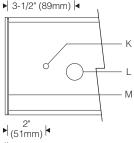
Hangers (X Mount): **Cantilevers**



Pendant Stems

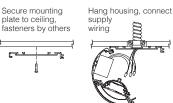






▶ 1/8" (3mm) Decorative end plate

Installation (S mount)



Hinge closed. secure with screws



Cables





Specifications

- A Extruded aluminum mounting plate
- **B** Closure screws
- with mid-power LEDs
- **D** Extruded acrylic beam shaping lens
- **E** Optional cross baffle (gray)
- Serviceable light engine **F** Extruded acrylic hinging lens **J**
- **G** High power factor constant current electronic driver
- **H** Extruded aluminum housing
- Aluminum end plates (required order separately)
- K Mounting hole 9/32" (7mm) diameter
- L Knockout 7/8" (22mm) diameter
- M Aluminum reveal plate

Features

- Inconspicuous low profile lights entire wall evenly without emphasizing surface imperfections (unlike slot grazers)
- Compact size with integral driver
- Asymmetric distribution evenly lights vertical surfaces
- Light engines are serviceable in one foot increments

Finish:

Painted surfaces - 6 stage pretreatment and electrostatically applied thermoset powder coat for stable, long lasting and corrosion resistant finish. Extruded aluminum mounting plate, housing, aluminum reveal plates. Reflector and internal end plates. All luminaire hardware - stainless steel.

Optic Assembly:

Light engine – extruded aluminum heat sink with LED PCB. Multiple mid-power LEDs are tightly spaced to minimize pixelation. Light engines are removable for replacement or upgrade in one-foot increments. Precision extruded optical lens of high temperature, water-clear acrylic. Elliptical distribution holographic diffuser maximizes lateral distribution without disturbing asymmetric distribution.

Mounting:

S mount – mounting plate fastens flush to ceiling. Unit hinges on plate for hands-free access to wiring.

X mount – required hanger assemblies for pendant stem, cable or cantileveer ordered and priced separately (see pg. SW17.1). For shelf supported bridge or cantilever, consult factory.

Pendant stem - 11/16" O.D. aluminum, internally threaded; 5" dia. aluminum canopy. Cable - 1/16" dia. 7x7 aircraft cable, field adjustable length; crossbar with 1/4-20 stud and 5" dia. canopy. Fixture weight: 2.7 lb/ft (4.0 kg/m).

Electrical:

Use 90°C wire for supply connections. Integral electronic HPF thermally protected Class 2 driver. For complete driver specifications, see website, reference document MA-1303. Driver/wireway compartment includes one conduit entry at each end. Channel cover is removable for access to driver and wiring. Luminaires may be butted end-to-end (connectors by others) for through wiring. Optional #12 AWG prewired modular throughwiring with quick connectors. Optional, compatible dimming controls (by others). See website for dimming compatibility and specifications.

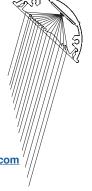
Standard:

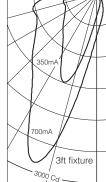
UL listed or CSA certified for dry location. For damp locations, specify **DL**, **DB**, **DK**, or **DC** option. 5 year warranty, maximum ambient temperature 45°C (113°F).

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



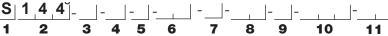


L90(10k) > 60,000 hrs. @ 25°C per TM-21





To form a Catalog Number



1 Source

S = Solid state (LED)

2 Style

144 = Small enclosed semi-elliptical linear one-way LED with integral 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" (610mm)

3 = 3 feet, 36" (914mm)

4 = 4 feet. 48" (1219mm)

5 = 5 feet, 60" (1524mm)

6 = 6 feet, 72" (1829mm)

7 = 7 feet, 84" (2134mm)

8 = 8 feet, 96" (2438mm)

9 = 9 feet, 108" (2743mm)

See Scaled Performance Table

5 Mounting

S = Ceiling (surface) mount

X = For use with cantilever, pendant stem, or cable support: required A4 mounting hangers ordered and priced separately — see hangers at right

Note: Both S and X mount fixtures require ADEA4 end kits, ordered and priced separately.

6 Finish

02 = Semigloss white **13** = Matte Black 22 = Matte White 06 = Dark bronze* 15 = Metallic **PL**= Platinum

07 = Silver* 99 = Custom or RAL. 17 = Champagne* consult rep.*

18*

08 = Semigloss black 18 = Copper* PL* 02 22* 07* 15*

^{13*} * = non-cancellable/returnable



17*

Project

M = 120-277V Universal voltage input

347V input

7 Voltage

8 Option (See Accessories Section for specifications)

L0 = Clear lens (included in fixture)

DL = Clear lens, damp and natatorium location

LB = Clear lens and baffle

DB = Clear lens and baffle for damp/natatorium location

LK = Clear lens and prewired modular through-wiring

DK = Clear lens, prewired modular through-wiring, damp location

LC = Clear lens, baffle, prewired modular through-wiring

DC = Clear lens, baffle, prewired modular through-wiring, damp

LM = For use in MRI medical facility (drivers remote mounted). MRI filters required on output of each remote driver, ordered and priced separately. Consult factory prior to specification.

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 **TWH** = Tunable White 930 = 3000K, 90+ CRI

935 = 3500K. 90+ CRI 940 = 4000K, 90+ CRI

RGB = Color tunable

RGBW with

3500K, 90+ CRI white

2700K-6500K 90+CRI

CdiZ/ 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

DM = RGBW 4-Channel eldoLED LINEARdrive (DMX controls by others)

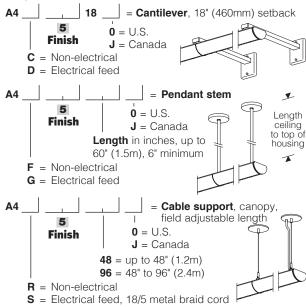
elliptipar from The Lighting Quotient

114 Boston Post Road, West Haven, Connecticut 06516, USA Voice 203.931.4455 • Fax 203.931.4464 • thelightingquotient.com Type:

Required Mounting Hangers (X mount)

Required mounting hangers for **X** mount fixtures are ordered and priced separately. See installation sheets on website. Singles order one non-electrical and one electrical feed hanger for each module (X mount). Rows – order one non-electrical hanger for each module (X mount) plus one electrical feed for each row. Cantilever and stem electrical feeds must be located at an end of row. Cable feed can be located at ends or intermediate joints.

Consult factory if accessory hangers are required for pool or damp locations.



Required End Plates (all fixtures)

Required end plates for all fixtures are ordered and priced separately.



Accessories

AHB00000 = Hanger bar kit for grid ceilings, includes (2) hanger bars, (4) 1/2-20x3.5"L screws, (8) 1/4-20 K-nuts



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