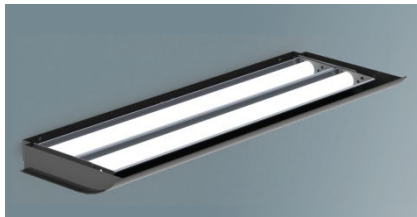
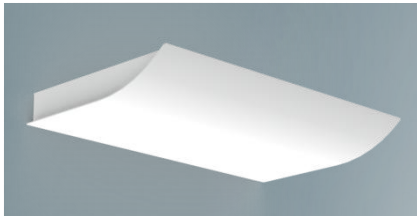


# Style S420

Indoor linear uplight with  
Remote Driver



Sahara West Library and Fine Arts Museum | Photography: Timothy Hursley

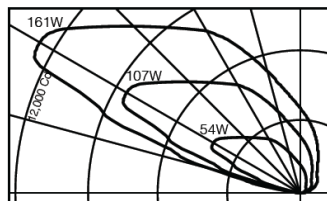


## Features

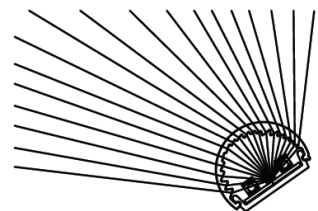
- Low profile uplight that packs a punch
- Adjustable and lockable aiming
- Up to 5,260 delivered lumens per foot per optical assembly
- All aluminum and stainless steel construction
- Static white (2200K, 2700K, 3000K, 3500K), Dim-to-Warm, Tunable White or RGBW

## Performance

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



L85(17k) > 104,000 hrs. @ 25°C per TM-21



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

## PROJECT

## TYPE

**S420**

**CATALOG NUMBER**

1 2 3 4 5 6 7 8 9 10 11

### 1 STYLE

**S420** = High Power Asymmetric Uplight **Remote Drivers**

### 2 OUTPUT

**X** = Xtra-high output (23 W/ft per optical assembly)

**U** = Ultra-high output (31 W/ft per optical assembly)

### 3 NUMBER OF OPTICAL ASSEMBLIES

**1** = Single Optical Assembly

**2** = Dual Optical Assemblies

**3** = Three Optical Assemblies

### 4 LENGTH




**12** = 12 inches (305mm) **36** = 36 inches (914mm)

**24** = 24 inches (610mm) **48** = 48 inches (1219mm)

ORDER CODE	OPTICAL ASSEMBLIES	LENGTH	LUMENS	INPUT WATTS
<b>U-1-12</b>	1	12"	15,542	124
<b>U-1-24</b>	1	24"	31,084	248
<b>U-1-36</b>	1	36"	46,625	372
<b>U-1-48</b>	1	48"	62,167	496
<b>U-2-12</b>	2	12"	15,542	124
<b>U-2-24</b>	2	24"	31,084	248
<b>U-2-36</b>	2	36"	46,625	372
<b>U-2-48</b>	2	48"	62,167	496
<b>U-3-12</b>	3	12"	1,5542	124
<b>U-3-24</b>	3	24"	31,084	248
<b>U-3-36</b>	3	36"	46,625	372
<b>U-3-48</b>	3	48"	62,167	496

Based on Ultra-High Output @ 3500K, 90+CRI See [Scaled Performance Table](#)  
Output and wattage may be programmed to suit project, contact factory

### 5 ENCLOSURE STYLE

<b>C</b> = Curved scoop	<b>D</b> = Wedge	<b>J</b> = Tapered front with round edges
		

Additional designs or custom designs available, consult factory

### 6 FINISH \*non-cancellable/non-returnable

<b>02</b> = Semigloss White	<b>13</b> = Matte Black*	<b>22</b> = Matte White*
<b>06</b> = Dark Bronze*	<b>15</b> = Metallic*	<b>PL</b> = Platinum*
<b>07</b> = Silver*	<b>17</b> = Champagne*	<b>99</b> = Custom or RAL (Consult Rep.)
<b>08</b> = Semigloss Black	<b>18</b> = Copper*	

02	22*	PL*	07*	15*
08	13*	06*	18*	17*

### 7 VOLTAGE

**M** = 120-277V Universal voltage input

**K** = 347V voltage input

### 8 OPTIONS (see Accessories Section for specifications)

**00** = No options

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

**0G** = Gradient Backsplash Reduction Film

**0P** = Natatorium (pool)

### 9 DESTINATION REQUIREMENT

**O** = CSA certified for U.S.

**J** = CSA certified for Canada

### 10 COLOR TEMPERATURE / CRI

**927** = 2700K, 90+ CRI

**930** = 3000K, 90+ CRI

**935** = 3500K, 90+ CRI

**940** = 4000K, 90+ CRI

**D2W** = Dim-to-Warm 2200K-3000K, 90+ CRI, other CCTs available

**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.



Static



Dim2Warm



Tunable



RGBW

### 11 DIMMING

**00** = Non-dimming

**ZX** = 0-10V analog dimming 120-277V or 347V input, dimming 100%-1%, 0-10V controls by others

**TD** = ERP forward or reverse phase 120V only, dimming 100%-6%, 120V phase 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

**DZ** = D2W or TWH 2-Channel driver for use with 0-10V controls by others

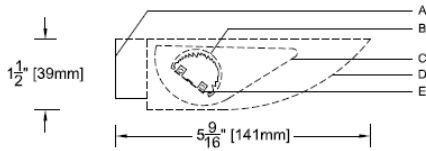
**DD** = D2W or TWH 2-Channel DALI driver (DALI controls by others)

**DA** = RGBW 4-Channel DMX module (DMX controls by others)

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

## Lighting the Ceiling Indoor Linear with Remote Driver

### End View Single Head



**A** Formed aluminum mounting plate – creates reveal at wall (mounting fasteners by others)

**B** Precision extruded semi-diffuse asymmetric lens

**C** Extruded aluminum heat sink

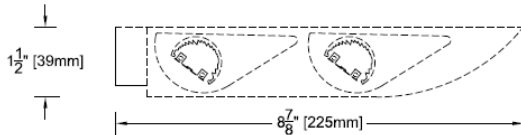
**D** Formed aluminum decorative Ensconce® enclosure (choose wedge, scoop or tapered design)

**E** High efficacy LED array (90+ CRI standard)

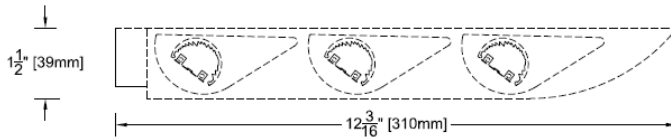
**F** Wire exit, 10 foot cord to remote driver(s)

**G** 9/32" diameter mounting holes for ¼-20 fasteners by others

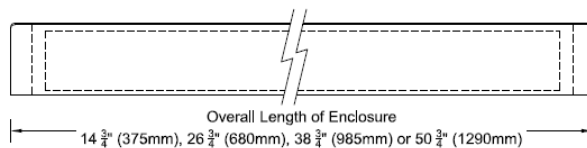
### End View 2-Head



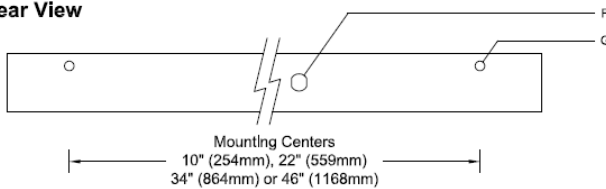
### End View 3-Head



### Front View



### Rear View



# style S420



## Specifications

### Housing and Optic Assembly:

Extruded aluminum head sink(s) anodized for maximum emissivity. Precision extruded polymer refractive lens with optimal diffusion. Aluminum cord LED board with high efficiency LEDs

### Finish:

Anodized extruded aluminum heat sink, aluminum reveal plates, cold rolled steel scone enclosure finished semi-gloss white (or specified color). 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.

### Mounting:

Aluminum mounting plate mounts to wall (fasteners by others). Yoke arms support optical assembly allowing aiming to maximize ceiling uniformity.

### Electrical:

S420 furnished with 10 foot (3048mm) cords for connection to remote driver(s). Remote electronic HPF thermally protected Class II driver mounted in aluminum enclosure. See [MA-1357](#) for additional information. See [MA-1303](#) for dimming compatibility.

### Standard:

CSA certified for damp locations, 5 year warranty  
Maximum ambient temperature 113°F (45°C)

## Controls

LiQ luminaires are compatible with a wide variety of wired and wireless controls and sensors. See [Controls Information](#).

**AWB-TP-DMX-O** = 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](#).

