

Style S223

Low profile semi-recessed,
integral driver



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Features

- Low profile – minimal silhouette focuses attention on the luminous wall, not the luminaire
- Shallow recessed depth – fits under ducts at core walls
- Over 3500 lumens delivered @ only 32W input
- Compatible with lay-in or drywall ceilings

Performance

Precisely extruded acrylic lens produces an asymmetric distribution ideal for illuminating vertical surfaces evenly from top to bottom.

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

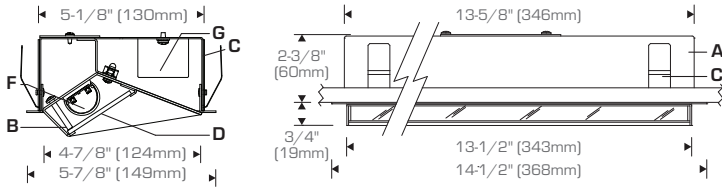
For LM79 and photometric reports,
visit thelightingquotient.com

PROJECT				TYPE				CATALOG NUMBER			
S											
2 2 3											
1				2				3			
4				5				6			
7				8				9			
10											
1				7							
STYLE				OPTIONS (see Accessories Section for specifications)							
S223 = Low profile semi-recessed wall washer; integral driver				VO = Visor							
2				VM = Visor; for use in MRI medical facility (T mount only). MRI filters required on output of each remote driver. Consult factory prior to specification.							
OUTPUT / POWER				XX = For modification not listed, include detailed description. Consult factory prior to specification.							
S = Standard output				OO = No options							
H = High output				OB = Cross baffle, provides 25° lateral shielding							
3				OC = Adjustable sawtooth backsplash shield							
LENGTH				OP = For use in <u>natatorium</u> / damp location							
ORDER CODE				OM = For use in MRI medical facility, MRI filters required on output of each remote driver. Consult factory prior to specification.							
LENGTH				8							
LUMENS				DESTINATION REQUIREMENT							
INPUT WATTS				O = CSA certified for U.S.							
S-16				J = CSA certified for Canada							
14"				9							
1784				COLOR TEMPERATURE / CRI							
15				927 = 2700K, 90+ CRI							
3227				930 = 3000K, 90+ CRI							
30				935 = 3500K, 90+ CRI							
Based on 3500K, 90+ CRI See <u>Scaled Performance Table</u>				940 = 4000K, 90+ CRI							
4				D2W = Dim-to-Warm 2200K-3000K, 90+ CRI, other CCTs available							
MOUNTING				TWH = Tunable White; 2700K-6500K, 90+ CRI							
T = Overlapping flange with spring clips for gypsum board ceiling				RGB = Color Tunable; RGBW with 3500K, 90+ CRI white							
L = Overlapping flange with adjustable mounting brackets for accessible ceiling				NOTE: Additional CCT and CRI options are available; consult factory.							
P = Perforated plaster flange (trimless) for gypsum board ceiling				Static							
5				Dim2Warm							
FINISH * non-cancellable / non-returnable				Tunable							
02 = Semigloss White				RGBW							
06 = Dark Bronze*				10							
07 = Silver*				DIMMING							
08 = Semigloss Black				OO = Non-dimming							
13 = Matte Black*				ZX = 0-10V analog dimming 120-277V or 347V input, dimming 100%-1%, 0-10V controls by others							
15 = Metallic*				TD = ERP forward or reverse phase 120V only, dimming 100%-6%, 120V phase controls by others							
17 = Champagne*				EL = 0-10V eldoLED SOLOdrive, 120-277V input, dimming 100%-0.1%, 0-10V controls by others							
18 = Copper*				ED = DALI eldoLED SOLOdrive, 120-277V input, dimming 100%-0.1%, DALI controls by others							
22 = Matte White*				DZ = D2W or TWH 2-Channel driver for use with 0-10V controls by others							
PL = Platinum*				DD = D2W or TWH 2-Channel DALI driver (DALI controls by others)							
99 = Custom or RAL (Consult Rep.)				DA = RGBW 4-Channel DMX module (DMX controls by others)							
02				DM = RGBW 4-Channel eldoLED LINEARdrive (DMX controls by others)							
22*											
PL*											
07*											
15*											
08											
13*											
06*											
18*											
17*											
6											
VOLTAGE											
M = 120-277V Universal voltage input											
K = 347V input											

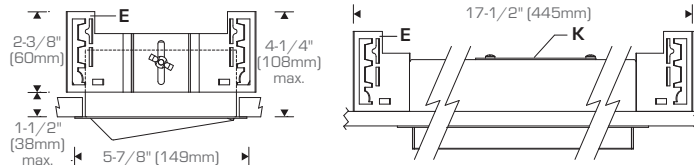
Lighting the Wall

Low profile semi-recessed, integral driver

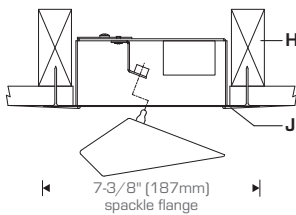
T Mount: Non-accessible Ceiling



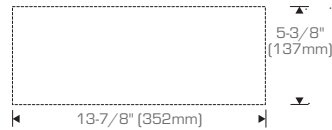
L Mount: Accessible Grid Ceiling



P Mount: Non-accessible Ceiling



Rough Opening



- A** Aluminum back box/trim frame
- B** Removable aluminum heat sink/housing
- C** Stainless steel mounting springs (4 included)
- D** Acrylic lens with elliptical diffusion
- E** Universal mounting brackets (H mount)
- F** Field serviceable light engine with asymmetric optic
- G** Integral constant current driver
- H** Supplemental framing/support (by others)
- J** Skim coat of plaster
- K** Wiring access plate

Specifications

Optical Assembly:

Formed aluminum housing, back box and trim frame; stainless steel hardware and spring mounting clips. Extruded aluminum heat sink, Precision extruded polymer refractive lens with optimized asymmetric distribution. Light engine may be removed for service or upgrade. Acrylic lens with elliptical diffusion maximizes lateral distribution without disturbing asymmetric forward throw.

Finish:

Housing and back box/trim frame/cutoff visor finished in choice of matte or semigloss white. Painted surfaces – 6 stage pretreatment and electrostatically applied thermoset polyester powder coating for a durable abrasion, fade and corrosion resistant finish.

Electrical:

Use 90°C wire for supply connections. Integral electronic HPF constant current driver with quick connector. Access plate on rear of back box with two 1/2" knockouts for supply wiring. Internal splice compartment allows for access to splices behind wall. For complete driver specifications, see website, reference document [MA-1303](#).

Mounting (Lighting the Ceiling):

Luminaire installs from outside finished wall – up to 1-1/2" (38mm) thick.

T mount provided with overlapping trim and spring clips.

Fixture weight: 3.0 lb (1.4 kg).

Mounting (Lighting the Wall):

Luminaire installs from below finished ceiling – up to 1-1/2" (38mm) thick.

T mount provided with overlapping trim and spring clips for gypsum board/inaccessible ceilings.

L mount provided with overlapping trim and adjustable brackets for T-bar grid/accessible ceilings. Supplemental support wires, bar hangers, etc. (by others) required for accessible ceilings.

P mount (trimless) provided with perforated spackle flange for gypsum board/inaccessible ceilings. Supplemental framing and/or support required (by others).

Fixture weight: 3.0 lb (1.4 kg).

Standard:

UL listed or CSA certified for dry locations. Suitable for insulated walls (Type IC).

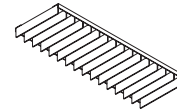
5 year warranty, maximum ambient temperature 45°C (113°F).

Required Mounting Hangers

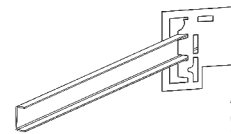
Accessories

Order separately. See Accessories Section for specifications.

AEKV **000** = Vertical blade **baffle**, matte gray finish, indoor use
2 = 25° shielding



AHC000 = **Accessory Hanger** Channel, pair of standard **mounting bars** 27" long, 3/4" high, C-channels



AHC000 hanger channel shown inserted into **ASRBKT00**

Controls

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

AWB-TP-DMX-0 = 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](#).

