

style S323

Xtra-small Cove / Concealed,
Integral Driver



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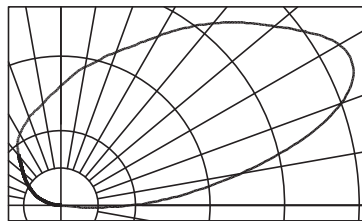
Lighting the Ceiling

Features

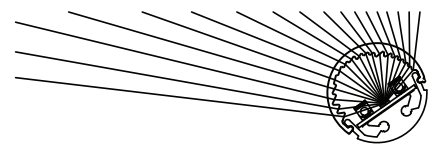
- Asymmetric distribution – uniform surface illumination
- Fully adjustable and lockable aiming
- Integral driver
- Dim-to-Warm, Tunable White and RGBW available
- Compatible with LumiLedge® prefabricated cove framing

Performance

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



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



For LM79 and photometric reports, visit thelightingquotient.com

PROJECT

TYPE

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CATALOG NUMBER

1

STYLE

S323 = XtraSmall Concealed/Cove Asymmetric Adjustable with integral driver

2

OUTPUT / POWER

L = Low output (3.3W per foot)
S = Standard output (6.5W per foot)
H = High output (13W per foot)

3

LENGTH

| ORDER CODE | LENGTH | LUMENS | INPUT WATTS |
|------------|--------|--------|-------------|
| 2 | 24" | 3265 | 28 |
| 3 | 35 ¾" | 4898 | 41 |
| 4 | 47 ¼" | 6531 | 55 |
| 5 | 59" | 8163 | 69 |
| 6 | 70 ⅝" | 9796 | 83 |
| 7 | 82 ¼" | 11429 | 96 |
| 8 | 94" | 13062 | 110 |

Based on 3500K, 90+ CRI See Scaled Performance Table

4

MOUNTING

S = Surface mounted in cove or LumiLedge® cove framing (ordered and priced separately)

5

FINISH

00 = Anodized optical housing/heat sink; mill finish brackets and 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

OPTIONS (see Accessories Section for specifications)

00 = No options
OK = Modular through-wire harness with quick connectors
OE = Emergency driver (Operates LEDs as lower output for 90 minutes)
EK = Emergency driver with through-wire harness

8

DESTINATION REQUIREMENT

0 = ETL listed for U.S.
J = ETL listed for Canada

9

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

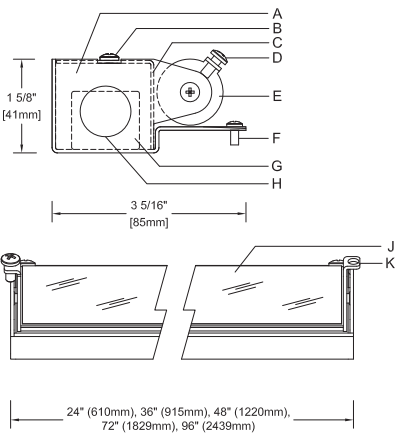
RGBW

10

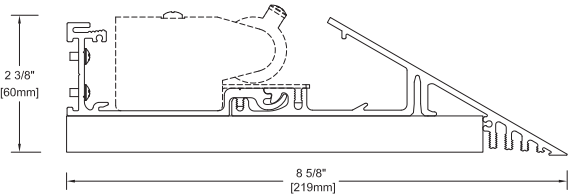
DIMMING

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)

Lighting the Ceiling Xtra-small Cove / Concealed, Integral Driver



K8-FR Framing (Ordered Separately)



- A** Mounting screws to framing*
- B** Extruded aluminum heat sink
- C** Locking set screw to lock aiming
- D** Driver cover screws
- E** Slot, hooks into framing*
- F** Aluminum driver box/wire way
- G** High power factor LED driver
- H** 7/8" knock out for conduit and supply wiring (by others)
- J** Formed aluminum driver cover
- K** Extruded polymer beam shaping lens
- M** Tab with screw for interlocking adjacent luminaires and locking aiming position

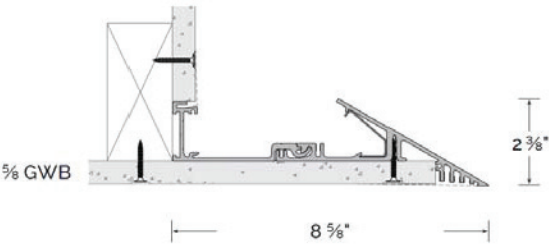
*LumiLedge® cove framing ordered separately

LumiLedge® Cove Framing

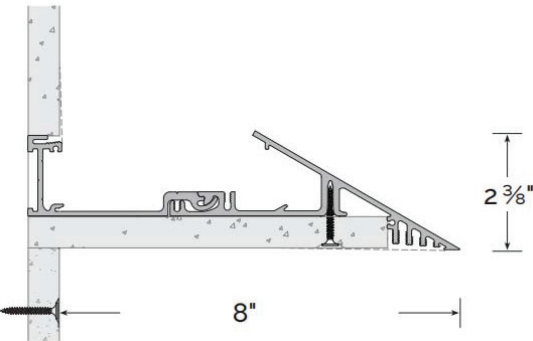
Extruded Aluminum cove framing (ordered separately)

| Style | Length | Configuration | Finish |
|------------------------|------------|---------------------|----------------|
| K8-FR 8" Knife edge | 08 8ft | ST Straight lengths | 22 Matte White |
| | 40 40ft | OC Outside Corner | |
| | 00 Corners | IC Inside Corner | |
| | | EC End Kit | |

Floating Ceiling



Vertical Wall



Specifications

Housing and 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. Extruded aluminum driver housing and removable cover.

Finish:

Optic assembly – bright anodized aluminum. housing and cover – mill finish aluminum or painted. Painted surfaces receive a 6-stage pretreatment process prior to electrostatically applied baked powder enamel.

All hardware – stainless steel.

Mounting:

Base or wall 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: 1.7 lb/ft (2.5 kg/m)

Electrical:

Use 90°C wire for supply connections. Integral electronic Class II drivers. 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 through wiring with quick connectors. Optional , compatible dimming controls (by others). See website for dimming compatibility and specifications.

Standard:

UL ETL listed for dry locations, consult factory for damp location options.

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

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](#).



Style K8-FR

LumiLedge® Prefabricated 8" Knife
Edge Cove Framing



WARRANTY

5 Year limited warranty



Features

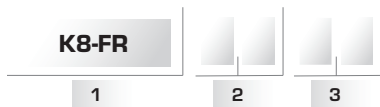
- Factory precise forms make installation more cost effective than field built knife edge coves
- Patented two-piece design allows for secure mounting and clean architectural reveal
- Framing factory finished in matte white powdercoat standard and in stock. Framing is field finished with wall board for exact match to wall surfaces
- Integrated LED luminaire options enable quick installation with exact aiming
- 2 3/8" high x 8" wide profile
- Order inside corners, outside corners and knife profile finish caps for exposed end of run conditions separately

Style K8-FR

LumiLedge® Prefabricated 8" Knife Edge Cove Framing



| PROJECT | TYPE |
|---------|------|
|---------|------|



CATALOG NUMBER

1 PRODUCT

K8-FR = LumiLedge® Prefabricated 8" Knife Edge Cove Framing

2 CONFIGURATION

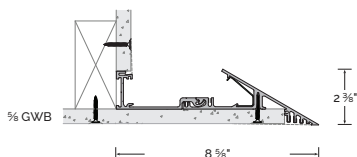
08 = 8ft. kit
40 = 40ft. kit
OC = Outside corner kit
IC = Inside corner kit
EC = End Cap kit

3 FINISH

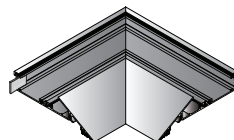
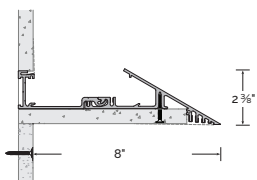
22 = Matte White (standard)

Dimensions

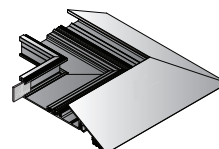
FLOATING CEILING:



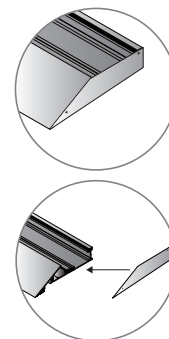
VERTICAL WALL:



Inside Corner
Knife Edge Extrusion



Outside Corner
Square Edge Extrusion



Installation

