LED

ALUMINA158 BY FORUM

The ALUMINA series by FORUM is a line of extruded aluminum rectilinear luminaires. **ALUMINA 158** is a 1- 1/2" x 8" housing with 3 7/8" direct & 5" indirect apertures. Multiple mounting configurations are available including various suspension types as well as wall and edge mounting. **ALUMINA 158** can be lamped with T5 & T8 lamps as well as LED.

JOB: _____ **TYPE:** _____

LAMPING OPTIONS AT A GLANCE:

INDIRECT | DIRECT | DIRECT/INDIRECT

ALSO AVAILABLE IN

LED | T5 | T8

ORDERING CODE

	– 158 –	Indirect	LED	/	Direct	LED	–	Indirect	/	Direct	–		x	
DISTRIBUTION	PROFILE	LAMPING						SHIELDING			MOUNTING	LENGTH	VOLTAGE	FINISH

–	–										–		–	–
OPTION 1	OPTION 2	OPTION 3												

DISTRIBUTION

- **SAD** Direct
- **SAU** Indirect
- **SAUD*** Direct/Indirect

* Not available on 32 profile.

PROFILE

- **158** 1 1/2" x 8"

LAMPING

- **65** 650 lm/ft, 6.5 input watts/ft*
- **95** 950 lm/ft, 9.5 input watts/ft*

*assumes 4000k w/ satin lens

Lumen Multiplier = % of 4000K

Consult factory for limitations

- **27** 2700k temp **93.5%** special order option
- **30** 3000k temp **95.2%**
- **35** 3500k temp **96.8%**
- **40** 4000k temp **100%**
- **50** 5000k temp **103%**

Custom Output (consult factory for min/max)

LED ____ LED

SHIELDING

- **SAT** Satin Lens
- **WOL** White Opal Lens
- **CAL*** Clear Acrylic Lens
- **WOP** White Opal over Parabolic Baffle
- **SAP** Satin Lens over Parabolic Baffle

* Available in SAU only

MOUNTING

- **H** Stem Mount *
- **C** Cable Mount *
- **W** Wall Mount

*Spec. cable / stem length: ____ UNIT:

LENGTH

- **1** 1' **2** 2'
- **3** 3' **4** 4'
- **5** 5' **6** 6'
- **7** 8' **8** 8'
- **9** 9' **10** 10'
- **11** 11' **12** 12'

Spec. run length: ____

Standard run length in even foot increments.

Individual units cannot be joined in field to create runs.

VOLTAGE

- **120V**
- **277V**
- **UNV** Universal

FINISH

- **WH** White
- **SV** Silver
- **BK** Black
- **CC** Custom Color

Provide custom color RAL#: ____

OPTION 1

- **SF** Seam-Free End
- **MR** 37W MAX MR Module (see addendum for calculation specs)
- **90 CRI** 90 CRI

DIMMING OPTIONS

- **D10V** 0-10V dimming 1% power class
- **DLA3** Lutron Hi-lume 1% 3-wire LED driver
- **DLEH5** Lutron Hi-lume 1%-H EcoSystem LED driver with soft-On, Fade-to-Black
- **DALI** Digitally Addressable Lighting Interface

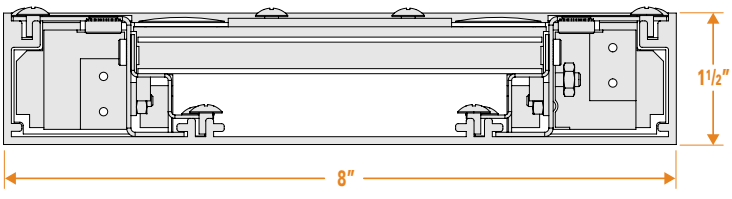
OPTION 2

- **DLA2** Lutron Hi-lume 1% 2-wire LED driver (120V forward phase only)
- **DLA5** Lutron Hi-lume 1% EcoSystem LED driver
- **DLE55** Lutron 5-Series EcoSystem LED driver
- **DIM** Dimming Please specify dimming manufacturer/model (if required) ____

OPTION 3

- **EMLED** LED battery pk
- **SW** Separate Switch
- **EC** Emergency Circuit
- **F** Fusing

PROFILE DRAWING



SPECIFICATIONS

LISTING All fixtures bare an AFL-CIO/IBEW union label and are UL listed for surface mounting and damp location rated. For alternative environmental certifications, please consult factory.

DRIVER 120V, 277V, and Universal Voltage available standard. Five year warranty. Please consult factory for special driver requirements.

SHIELDING Satin frosted and white opal lenses are snap in. Parabolic baffles are made from high quality aluminum and come in a variety of finishes.

MOUNTING The Alumina158 fixture can be mounted in various orientations including wall mount, cable mount, stem mount, and surface mount. Please see supplemental documentation for mounting details.

HOUSING Consists of a single solid 6063-T5 extruded alloy profile. Built in individual pieces up to 12 ft in length. Individual fixtures cannot be joined in field to form continuous runs. Fixtures longer than 12 ft must be ordered as continuous runs.

GEARTRAY / REFLECTOR Integrated geartray and reflector made from 18 GA cold rolled steel in a pre-paint white finish. Fully wired unit remains completely accessible from below via ballast panel.

END FITTING Applied end fitting is a standard .375" machined aluminum piece with concealed fasteners.

LED SYSTEM Forum utilizes a tunable LED system capable of supplying between 350-950 lumens per foot. To specify specific lumen output other than standard 950 or 650, drop the last digit of the per foot lumen output desired, i.e. 400lm/ft.= 40LED35

** Forum reserves the right to change this information at any time. UPDATED 06/06/17*

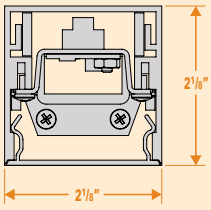
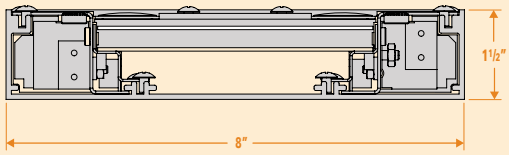
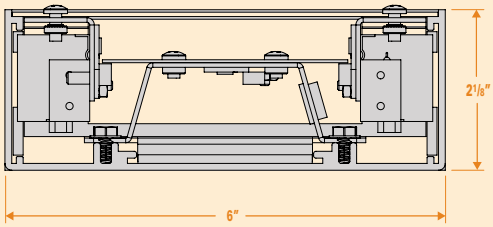
† Dimensions provided as general information. Please see shop drawings for specific rough-in dimensions.

ALUMINA BY FORUM

Questions?
(412) 781-5970

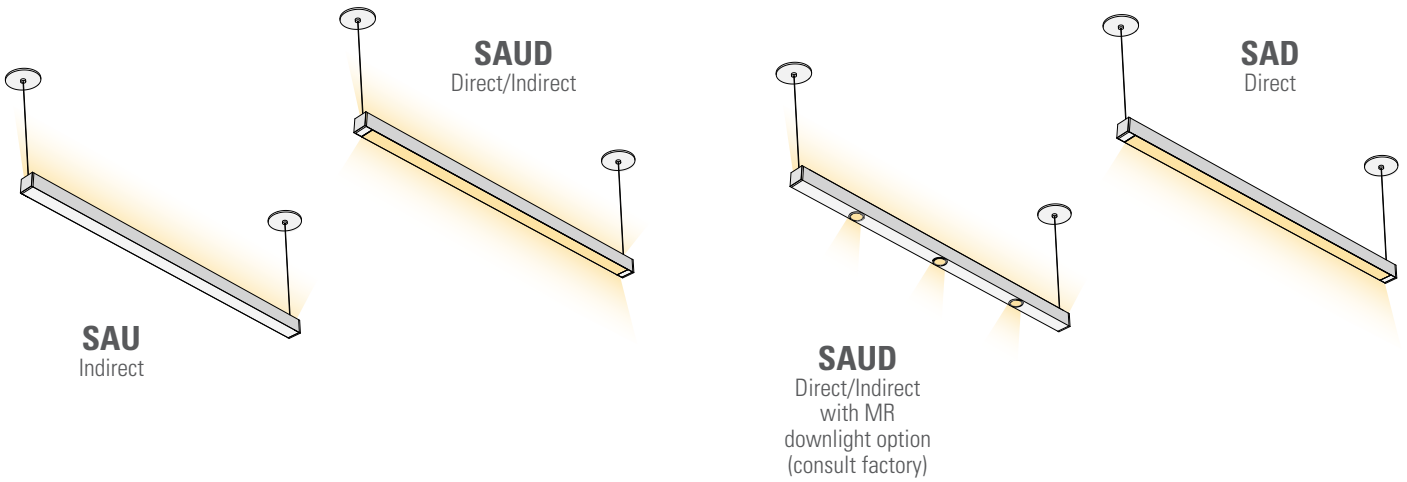
LAMPING AND DISTRIBUTION OPTIONS

SINGLE PIECE EXTRUSION

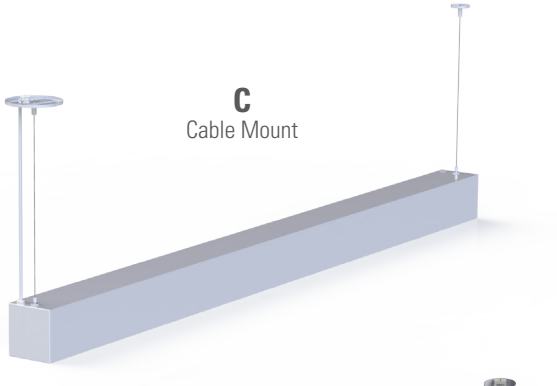
Alumina 22	Alumina158	Alumina 26
Profile Dimensions: 2w"x 2"h **Options**: SAD, SAU, SAUD	**Profile Dimensions:** 8"w x 1.5"h **Options**: SAD, SAU, SAUD	**Profile Dimensions:** 6"w x 2"h **Options**: SAD, SAU, SAUD
		

KEY	
SAD - DIRECT	**SAUD** - DIRECT/INDIRECT
SAU - INDIRECT	**ASY** - ASYMMETRIC†

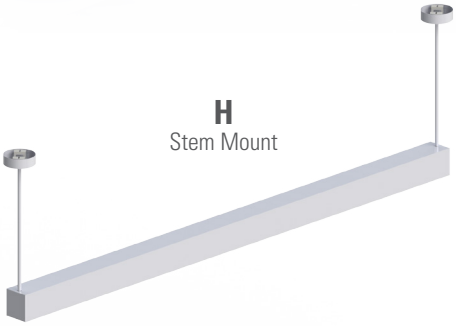
DISTRIBUTION



MOUNTING OPTIONS

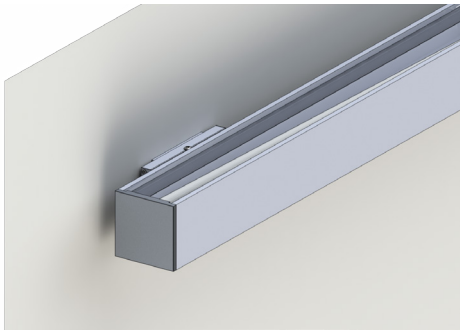


C
Cable Mount



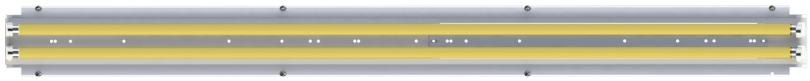
H
Stem Mount

W
Wall Bracket Mount



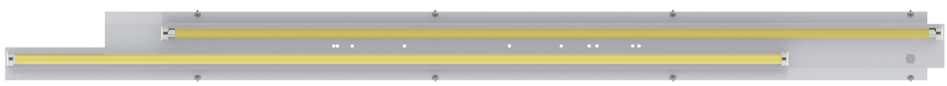
STAGGERED T5 FLOURESCENT LAMP ARRANGEMENT

1T5



2T5

1T5S

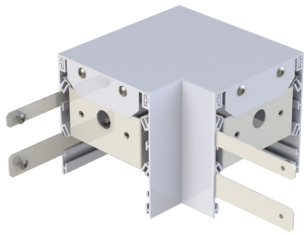


2T5S

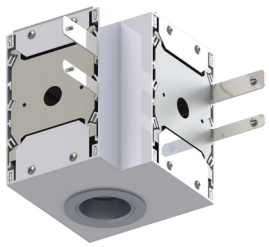
Questions?
(412) 781-5970

ADDITIONAL INFORMATION

CORNER OPTIONS



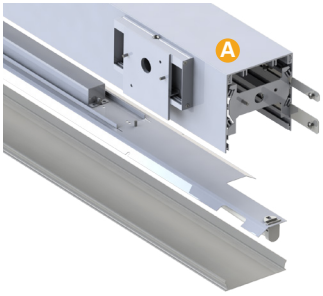
90°* CORNER

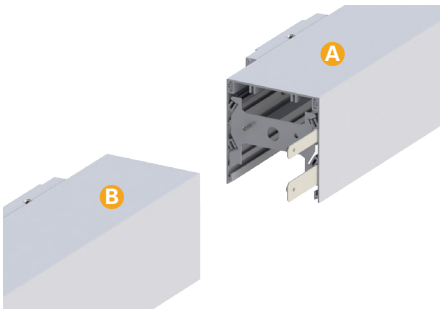


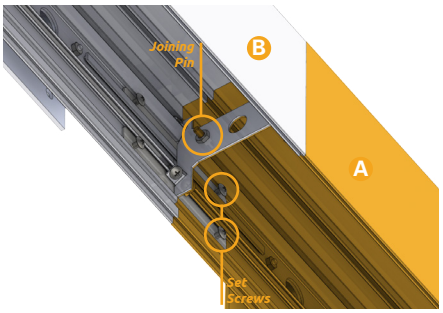
MR CORNER

** Custom angles available, up to 90°. Greater than 90°, consult factory.*

JOINING HARDWARE

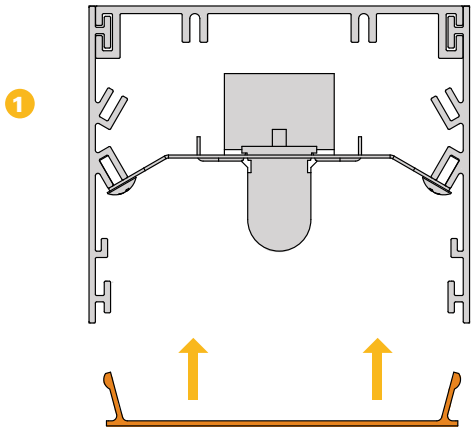


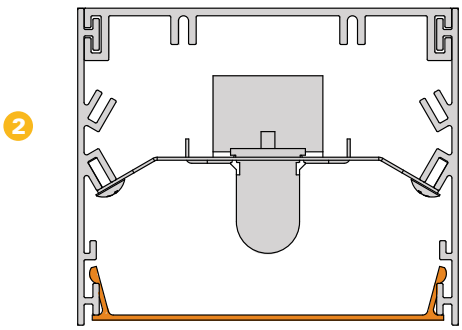




SHIELDING OPTIONS

LENS DETAIL





Satin frosted, white opal, and clear acrylic lenses are snap in.
An open configuration without shielding is the default.

MR ADDENDUM WORKSHEET

JOB: _____

TYPE: _____

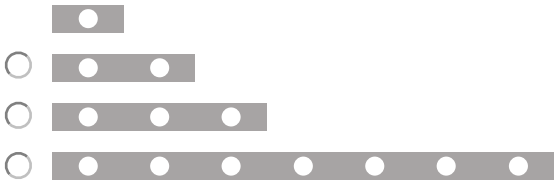
FORUM

REQUIRED INFORMATION

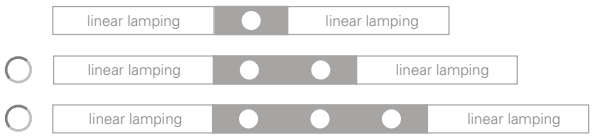
1. Row Length: ○ Nominal ○ Exact Length
2. If nominal, is there a minimum or maximum length?
3. If linear lamps are included, are different lamp lengths tolerable within a row? (ie: two 3ft lamps & one 4ft lamp)
4. Enter total quantity of MR modules in row:
5. Choose MR transformer voltage: 120v ○ 240v ○ 277v ○ 347v ○ 480v
6. Choose lamp wattage: 20W ○ 35W/37W Chip Onboard ○ Replacement Lamp _____ (specify type)
7. See standard configurations below and choose desired lamp information. Or use sketch area to indicate MR quantities, placement, linear lamping lengths, and single, dual or staggered lamping.
8. Indicate if MRs are on a separate switch or separate circuit from linear sections:

STANDARD CONFIGURATIONS

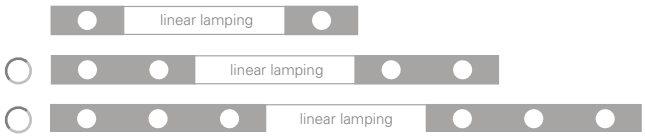
MR's ONLY



MR's CENTERED IN LINEAR ROW



LAMPING CENTERED IN MR's



MR CORNER

Single modules separated by linear lamping will be approximately 6" in length. Each additional adjacent module will add 6".

All precise module lengths will be determined by factory to accommodate ceiling type and proper ventilation.

SKETCH AREA