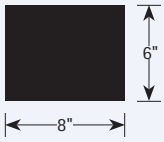
MS8

1-Lamp, T5, T5HO, T8, Direct/Indirect Distribution

FEATURES

- Direct/Indirect Rectilinear
- T8, T5, or T5HO
- All steel housing is sturdy yet economical
- Controls compatible
- Separate up/down lamp compartments create an efficient and creative optical system
- Many different lamp and distribution options provide flexibility for any application
- Multiple shielding options provide a wide array of glare control levels
- Excellent for schools, offices and retail environments

SHAPE AND DIMENSIONS



PROJECT INFORMATION

Project Name | Type

Catalog No. | Date

CONSTRUCTION

—All fasteners are concealed and maintained with a minimum amount of tolerance to ensure that fixture integrity is maintained.

—Inner endplates are welded to housing to reinforce the rigidity of the unit.

—End caps are die formed 20 gauge steel and are installed in the field.

—The MS8 utilizes individual lamp compartments for optimal light utilization and distribution.

FINISH

Standard housing finish is powder coat matte white. Other powder coat finishes are available as an option. Please see the Options section of this binder for more details. End caps and connectors are finished the same as the housing on all painted parts.

SHIELDING

The MS8 is available with a parabolic louver, acrylic lens, or a white straight blade baffle.

—Parabolic louvers are constructed of anodized aluminum with either a specular or semi-specular finished. They lift and shift for easy lamp access.

—A variety of lenses are available and are lay-in type.

—The white straight blade baffle is constructed of steel and finished with a gloss white finish and also is a lay-in type.

MOUNTING

The MS8 is designed to be installed with cables or stems. Endcaps are field installed so shielding will be continuous in a row application. Aligner brackets are provided. When one-lamp or three-lamp symmetric uplight (1U or 3U) units are used a connector box is required between row mounted fixtures. Where patterns or rows are used it is recommended that the factory be provided with a layout diagram.

LABELS AND ELECTRICAL

—UL 1598 or CSA

—Prewired w/ T8, T5, or T5HO electronic ballasts

—Quick connect plugs standard

—Damp label on most models

ORDERING INFORMATION

EXAMPLE: MS8-16-2U1DT8-CM48-A12-EU-MW

MS8 - ____ - ____ - ____ - ____ - ____ - ____ - ____

MODEL

MS8	MS8

ROW LENGTH

4	4' Single
8	8' Single
—	Indicate row length over 8' in 4' increments

Note: Rows over 8' will be configured by Alera. Example: 16' will be (2) 8'. Alternate configurations: contact factory.

LAMP PROFILE AND DISTRIBUTION

1U1D	1-Lamp Uplight, 1-Lamp Downlight[1]
1U2D	1-Lamp Uplight, 2-Lamp Downlight[1]
2U1D	2-Lamp Uplight, 1-Lamp Downlight
2U2D	2-Lamp Uplight, 2-Lamp Downlight
1U1AD	1-Lamp Uplight, 1-Lamp Asymmetric Downlight[1]
2U1AD	2-Lamp Uplight, 1-Lamp Asymmetric Downlight
1AU1D	1-Lamp Asymmetric Uplight, 1-Lamp Downlight
1AU2D	1-Lamp Asymmetric Uplight, 2-Lamp Downlight
1AU1AD	1-Lamp Asymmetric Uplight, 1-Lamp Asymmetric Downlight

LAMP TYPE

T5	T5[2]
T5HO	T5HO[2]
T8	T8

MOUNTING METHOD

CM	Adjustable Aircraft Cable
PM	Pendant Mount

SUSPENSION LENGTH

48	48"
96	96"

Not applicable for surface or wall mount. Other lengths available on request.

SHIELDING

LD	Low Iridescent Semi-Specular Louver
LS	Low Iridescent Specular Louver
A12	Acrylic Pattern 12 Lens
A19	Acrylic Pattern 19 Lens
CA	Clear Acrylic Lens (No pattern)
OA	Opal Acrylic Lens (No pattern)
WCB	White Cross Baffle
NA	No Shielding

BALLAST

E	Electronic, Instant Start, (Std. for T8)
EP	Electronic, Programmed Start (Std. for T5 & T5HO, optional for T8)
ED	Electronic, Dimming (Must specify)
ESD	Electronic, Step Dimming

Unless specified, Alera will use fewest ballasts possible.

VOLTAGE

U	120V-277V
120	120V
277	277V
347	347V

FINISH

MW	Matte White (Std.)
ZT	ZET Metallic Silver

See MTX-1 for other color selections.

OPTIONS

DC	Dust Cover (T8 or T5 only)
LR	Left/Right Switching[3]
UB	Upper/Lower Switching[3]
EL	One Emergency Battery Pack[4, 5]
EMC	One Emergency Circuit[4, 5, 6]
NL	Night Light Circuit[4, 5, 6]
GLR	Fast Blow Fuse
GMF	Slow Blow Fuse
TBAR	T-Bar Mounting
CSA	UL listed or CSA certified for Canada
DL	Damp Label (Available on most models)

[1] Connector box required on all 1- and 3-lamp uplight units if pendant or cable mounted This option does not permit continuous shielding for all 1- and 3-lamp uplights.

[2] T5/T5HO at risk for socket shadow in downlight component.

[3] LR requires 2 lamps in cross section. UB assumes 1 circuit up, 1 circuit down.

[4] Specify voltage. For additional, specify quantity before nomenclature (Example: 2EL120, EMC277).

[5] Not available with all configurations; some limitations apply. Contact factory for details.

[6] One extra feed drop per row with through wiring. (Standard is one 4ft lamp per circuit.)

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