



3.8" WIDE MAGIC LED LINEAR LIGHT Recessed Mount



PRODUCT DESCRIPTION

This MAGIC led linear fixture is a 3.8" wide linear architectural luminaire with a slim and discreet profile. The MAGIC is available in standard lengths of 2', 3', 4', and 8', and can be joined together in seamless runs of desired length. Various optical design delivers uniform, continuous lines of light. Different pattern joiners available for unlimited lighting pattern design.

FEATURES

- Comes in lengths of 2', 3', 4' and 8'
- Available with several lit joiner accessories for unlimited lighting pattern design
- Flat lens and deep regressed lens options
- CCT & wattage adjustable, up to 1200lm/ft
- Microwave sensor and EBU are available

ELECTRICAL SYSTEM

- Input Voltage: 120-277V, 50/60Hz
- Operating temperature range: -4-104°F (-20-40°C)
- Power Factor: > 0.9 at full load
- Total Harmonic Distortion: < 20% at full load

PERFORMANCE

CRI

80

CCT

3000K, 3500K, 4000K

Dimming

Dim to 10% (standard)

Dim to 1% (optional)

Compatible Dimmer

LUTRON: DVSTV

LEVITON: IP710

Projected Lifetime

L70 - 100,000 Hours

Working Temperature

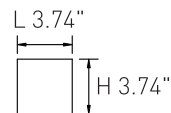
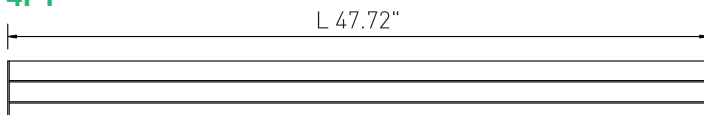
-4-104°F (-20-40°C)

Certifications

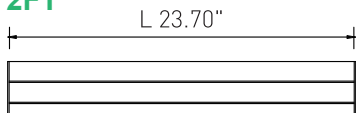
- cULus conforms to UL Std. 1598Cert. to CSA Std. C22.2 No.250.0
- Suitable for damp locations
- RoHS compliant

SPECIFICATION

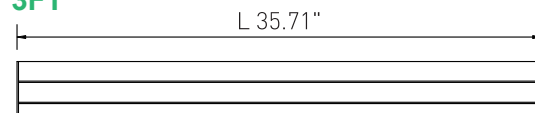
4FT



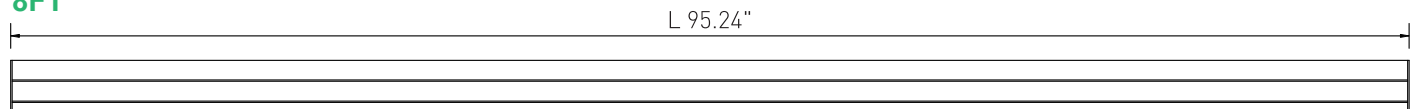
2FT



3FT



8FT



Ordering Information

Example: MAG1238-SW1-10D-RM-D-FDL

1. Series

MAG

2. Length

06 - 2FT 09 - 3FT 12 - 4FT 24 - 8FT

Option - Desired System Length*

* Individual fixtures, Runs and Configurations are supplied in nominal lengths to ensure full, even, illumination. If desired runs and configurations are needed, please tell us the details in advance. Then we can prepare the middle run and end run in factory for easy installation, or end user need to modify the standard individual fixtures into middle run and end run.

3. Width

38- 3.8 Inch

4. Driver

Blank - Integral

5. CCT

SW- 3000K/3500K/4000K Selectable

1. Default setting is 3500K.

6. Voltage

1 - 120-277V

7. Dimming

10D - 0-10V, dim to 10%
(Standard)

01D - 0-10V, dim to 1%
(Optional)

8. Mounting Options

RM - Recessed Mount

1. Please refer to the following accessory table to choose the right mounting kits.

9. Light Distribution

D - 100% Downlight

10. Lens Options

FDL - Flush Diffused Lens

RGL - Regressed

* If the joined length exceeds 8ft, only continuous Roll-Out Lens can be used.

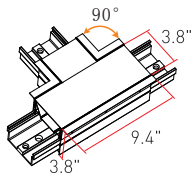
11. Finish

Blank - White

BK - Black

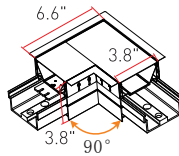
Accessories (ordered separately and field installed)

ILLUMINATED JOINERS



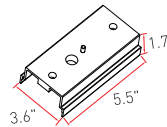
MAG38-T

Illuminated T
Shape Joiner



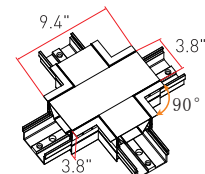
MAG38-L

Illuminated 90°
L Shape Joiner



MAG38-LINE

Illuminated Line
Shape Joiner



MAG38-CROSS

Illuminated Cross
Shape Joiner

* Joiners are only for dry ceiling

Recessed in Dry Ceiling Trim (recessed with bracket)



MAG0638-RMK-DY-TM-BKT

Trim Recessed with basket
2ft, 3.8" Linear

MAG0938-RMK-DY-TM-BKT

Trim Recessed with basket
3ft, 3.8" Linear

MAG1238-RMK-DY-TM-BKT

Trim Recessed with basket
4ft, 3.8" Linear

* If for 8ft, two sets of
MAG1238-RMK-DY-TM-BKT
will be needed.

Recessed in Dry Ceiling Trimless



MAG0623/38-RMK-DY-TMS

Trimless Recessed
2ft, 2.3"/3.8" Linear

MAG0923/38-RMK-DY-TMS

Trimless Recessed
3ft, 2.3"/3.8" Linear

MAG1223/38-RMK-DY-TMS

Trimless Recessed with basket
4ft, 2.3"/3.8" Linear

* If for 8ft, two sets of
MAG1223/38-RMK-DY-TMS
will be needed.

Recessed in Dry or Drop Ceiling Trim (recessed with Pendant Stem)



MAG0623/38-RMK-DY/DP-TM-STEM

Trim Recessed
with pendant stem
2ft, 2.3"/3.8" Linear

MAG0923/38-RMK-DY/DP-TM-STEM

Trim Recessed
with pendant stem
3ft, 2.3"/3.8" Linear

MAG1223/38-RMK-DY/DP-TM-STEM

Trim Recessed
with pendant stem
4ft, 2.3"/3.8" Linear

* If for 8ft, two sets of
MAG1223/38-RMK-DY/DP-TM-STEM
will be needed.

Recessed in Drop Ceiling Trimless (T-grid Hooks)



MAG23/38-RMK-DP-TMS

T-grid Recessed Kits
for 2.3"/3.8" Magic Linear



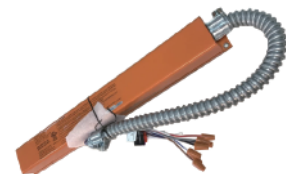
MAG-MSW-PM/SM
Microwave Motion
Sensor Kits for
pendant mount



AAL-RC-100
Remote Control for
Microwave Motion Sensor



MAG38-ROL¹
Continuous Roll-Out
Lens (42")



EBU-H08170²

8W Emergency Battery
Back-up for for MAX.60W fixture

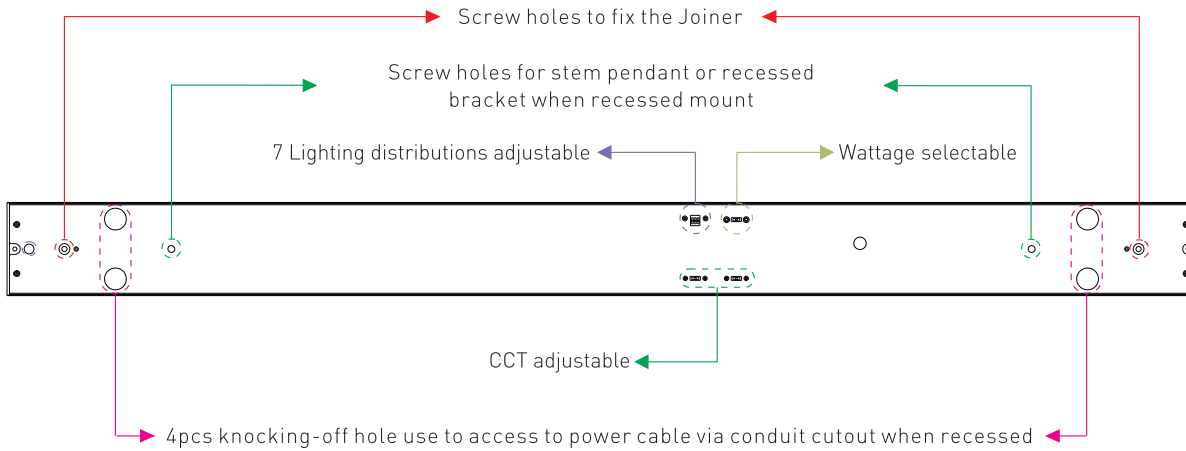
EBU-H25170²

25W Emergency Battery
Back-up for for MAX.200W fixture

Notes:

1. If the joined length exceeds 8ft, only continuous Roll-Out Lens can be used.
2. Emergency battery back-up is for ambient temperatures of 32°F -95°F (0 °C -35°C).

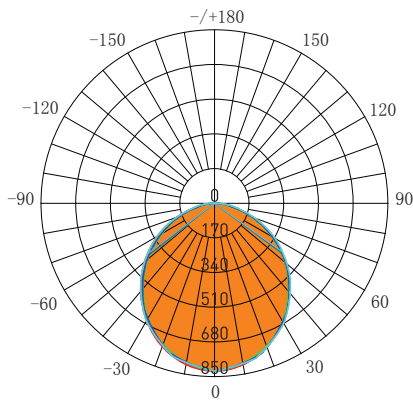
Mounting Location



PHOTOMETRY

All published luminaire photo metric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%. Result may vary per actual order.

2' / Flat Lens / 4000K/Down 100%

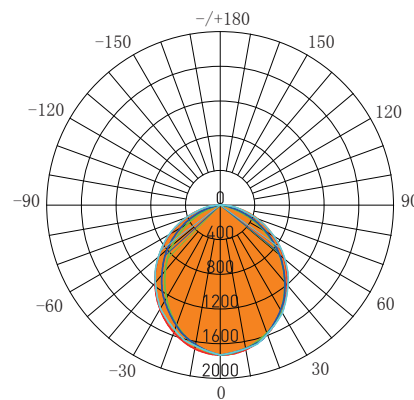


AVERAGE BEAM ANGLE(50%): 105.9°

Lumens: 2193.4 Lms
Watts: 21.11 W
LPW: 103.91 Lm/W
CCT: 4000K

UNIT: cd
— C0/180, 106.4°
— C30/210, 104.4°
— C60/240, 105.3°
— C90/270, 107.4°

4' / Flat Lens / 4000K/Down 100%



AVERAGE BEAM ANGLE(50%): 101.8°

Lumens: 4601.1 Lms
Watts: 40.70 W
LPW: 113.05 Lm/W
CCT: 4000K

UNIT: cd
— C0/180, 106.4°
— C30/210, 95.4°
— C60/240, 98.6°
— C90/270, 107.0°

PERFORMANCE DATA

Lumen values are measured by third party certified laboratories performed in accordance with IESNA LM-79-08 as well as Lighting Facts listed.

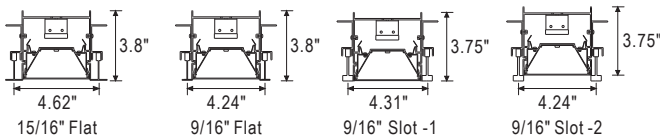
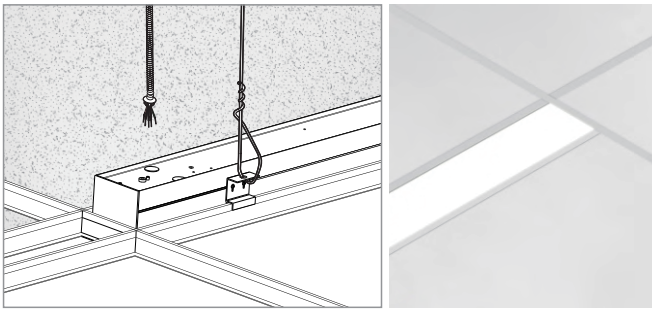
Optics	Length	100%DOWN@3500K		
		High	Medium	Low
Flat Lens	2',3',4',8'	1100lm/ft, 10w/ft	800lm/ft, 7.5w/ft	550lm/ft, 5w/ft
Regressed Lens	2',3',4',8'	900lm/ft, 10w/ft	670lm/ft, 7.5w/ft	450lm/ft, 5w/ft

Notes: Above are subject to 3500K. All efficacy is $\pm 5\%$ base on different CCT and lighting distributions. Check the IES file to gain the accurate data .For 3000K fixtures, use 0.96 multiplier; For 4000K fixtures, use 1.04 multiplier.

RECESSED MOUNTING

Recessed In Grid Ceiling

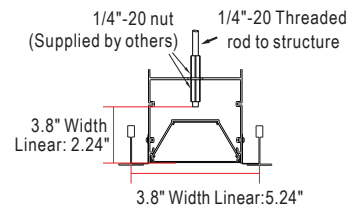
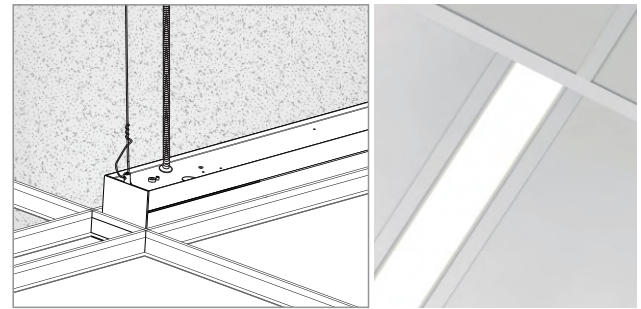
T-Grid Hooks



Mounting Kits



Flanged Trim

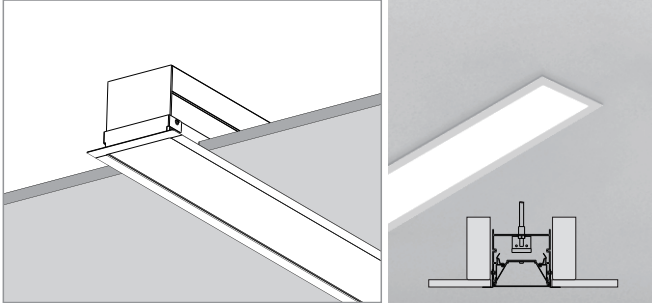


Mounting Kits



Recessed In Dry Ceiling

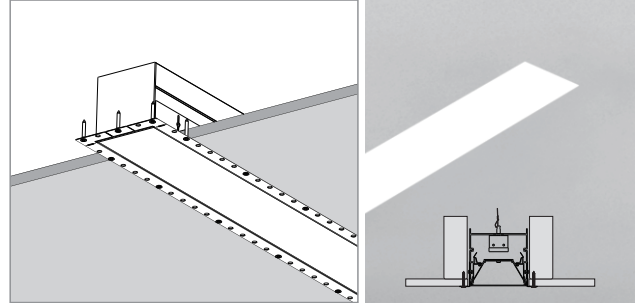
TRIM (Recessed with pendant stem)



Mounting Kits



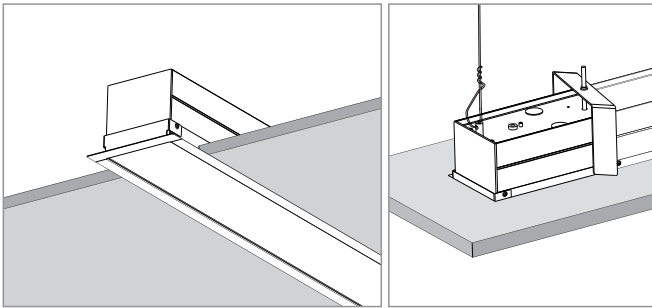
TRIMLESS



Mounting Kits



TRIM (Recessed with brackets)



Mounting Kits



MICROWAVE DIMMING SENSOR SETTING (120-277V)

By selecting the combination on the DIP switch, sensor data can be precisely set for each specific application. The sensor setting also can be done by a remote control (RC-100) which need to be bought separately.

	1	2	
I	↓	↓	20%
II	↓	↑	50%
III	↑	↓	75%
IV	↑	↑	100%

Sensitivity

Sensitivity can be reduced by selecting the combination on the DIP switches to fit precisely each application .


Default Setting: 100%

	3	4	
I	↓	↓	10 S
II	↓	↑	1 Min
III	↑	↓	5 Min
IV	↑	↑	15 Min

Hold time

Refers to the time period the lamp remains at 100% illumination after no motion detected.

Default Setting: 15min

	5	6	
I	↓	↓	
II	↓	↑	10 Lux
III	↑	↓	30 Lux
IV	↑	↑	50 Lux

Daylight sensor

The sensor can be set to only allow the lamp to illuminate below a defined ambient brightness threshold.

Default Setting:  (Disable)

	7	8	
I	↓	↓	0%
II	↓	↑	10%
III	↑	↓	30%
IV	↑	↑	50%

Stand-by dimming level

The low light level you would like to have after the hold time in the long absence of people.

Default Setting: 50%

	9	10	
I	↓	↓	+ ∞
II	↓	↑	1 Min
III	↑	↓	30 Min
IV	↑	↑	60 Min

Stand-by time

Refers to the time period the lamp remains at a low light level before it completely switches off in the long absence of people. When set to “ +∞ ” mode, the low light is maintained until motion is detected

Default Setting: 30 Min

Warranty

Five year limited warranty.

Note:

Specifications subject to change without notice.