

2.3" MAGIC DIRECT LED LINEAR LIGHT

Recessed / Suspended / Surface Mounted



PRODUCT DESCRIPTION

The 2.3" Magic Linear Light is available in recessed mount. It is available in 2.3" width with 2ft, 3ft, 4ft and 8ft lengths options, simply provide linear, powerful lighting to any atmosphere. This linear lighting features a streamlined linear form factor designed for maximum versatility. With their superior flexibility by wattage selectable and CCT adjustable, Magic Linear creates a balance between esthetics, visual comfort and lighting performance, designed to meet the most demanding lighting challenges.

FEATURES

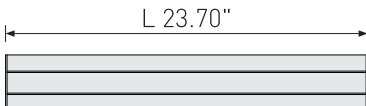
- Trimless recessed, suspended and surface mounted
- T-grid or dry ceiling compatible
- Continuous runs or custom pattern
- Available in 2ft, 3ft, 4ft and 8ft
- Wattage selectable (50%/75%/100%)
- 3000K, 3500K, 4000K selectable

ELECTRICAL SYSTEM

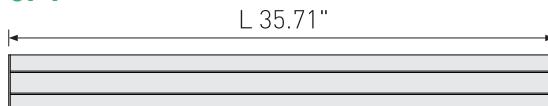
- Input Voltage: 120-277V, 50/60Hz
- Operating temperature range: -4-104°F (-20-40°C)
- Power Factor: > 0.9 at full load
- Total Harmonic Distortion: < 20% at full load

SPECIFICATION

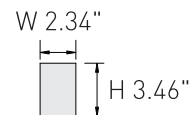
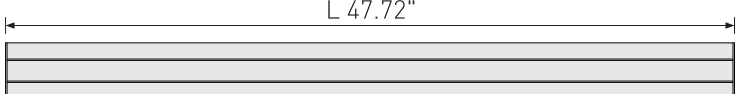
2FT



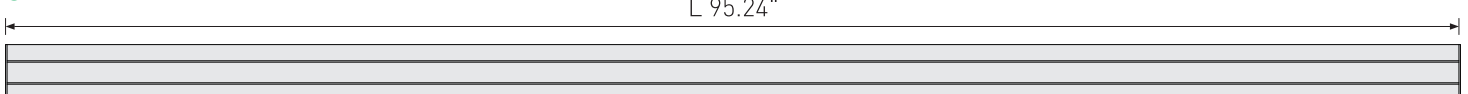
3FT



4FT



8FT



PERFORMANCE

CRI

80

CCT

3000K, 3500K, 4000K

Dimming

1-10V Dimming

Compatible Dimmer

LUTRON: DVSTV

LEVITON: IP710

Projected Lifetime

L70 - 100,000 Hours

Working Temperature

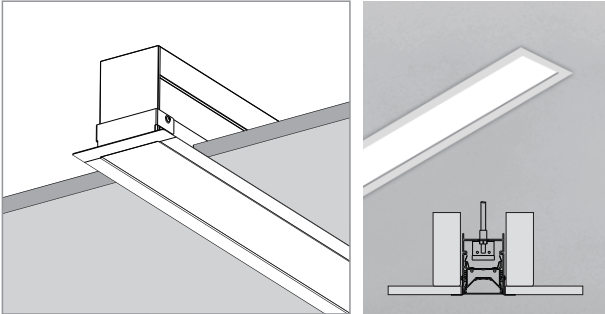
-4-104°F (-20-40°C)

Certifications

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

RECESSED IN DRY CEILING

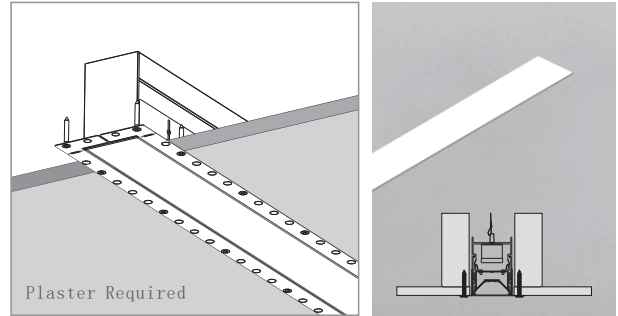
TRIM (Recessed with pendant stem)



Mounting Kits



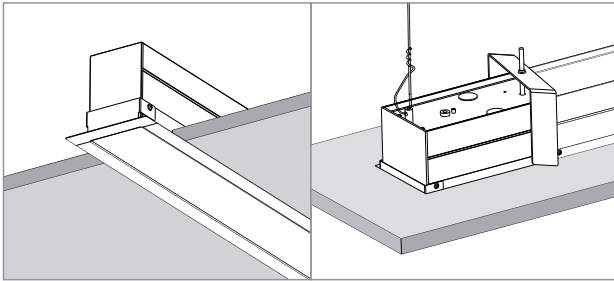
TRIMLESS



Mounting Kits



TRIM (Recessed with brackets)

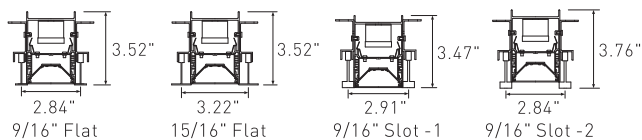
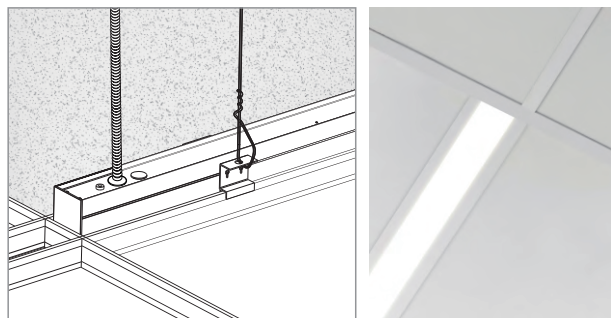


Mounting Kits



RECESSED IN GRID CEILING

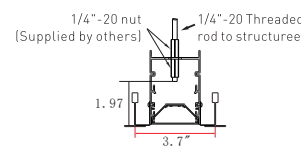
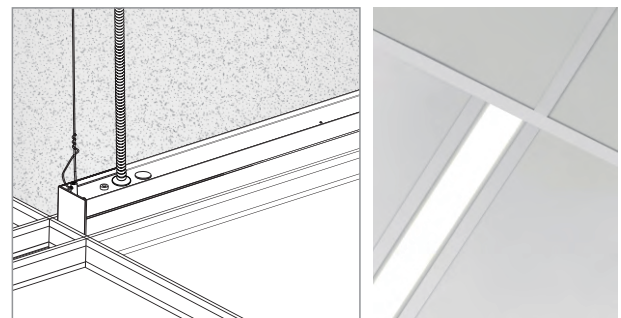
T-GRID HOOKS



Mounting Kits



FLANGED TRIM

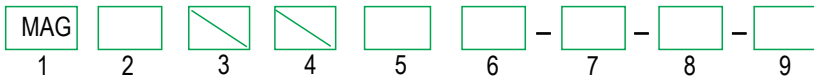


Mounting Kits



Ordering Information

Example: MAG1223-SW1-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

☐ 23- 2.3 Inch

4. Driver

☒ Blank - Integral

5. CCT

☐ SW- 3000K/3500K/4000K Selectable

1. Default setting is 3500K.

6. Voltage

☐ 1 - 120-277V

7. Mounting Options

☐ RSM - Recessed / Suspended / Surface Mounted

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

8. Light Distribution

☒ D - 100% Downlight

9. Lens Options

☐ FDL - Flush Diffused Lens ☐ RGL - Regressed Lens

* FDL is standard. RGL will ask MOQ and long lead time.

* Continuous run mount is not available for regressed lens.

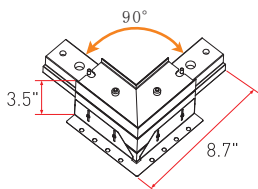
* If the joined length exceeds 8ft, only continuous Roll-Out Lens can be used.

10. Finish

☐ Blank - White

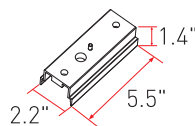
BK - Black

Accessories (ordered separately and field installed)



MAG23-RSM-L

L Shape Mount Bracket
for Recessed, Suspended
and Surface Mount



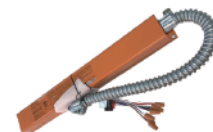
MAG23-RSM-LINE

Line Shape Mount Bracket
for Recessed, Suspended
and Surface Mount



MAG23-ROL¹

Continuous Roll-Out
Lens (42")



EBU-H08170²

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

EBU-H25170²

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

For Suspended Mount

Drop Ceiling Suspension Mount List



MAG-PMK3-5FT

Aircraft Cable Pendant Mount Kits for Drop Ceiling, with 5ft aircraft cable and 5ft power cord (One set per fixture)

MAG-PMK3-12FT

Aircraft Cable Pendant Mount Kits for Drop Ceiling, with 12ft aircraft cable and 12ft power cord (One set per fixture)

* Suitable for 9/16" and 15/16" Flat Ceiling.
 If for 9/16" slot ceiling please contact Customer Service.

For Suspended Mount

Dry Ceiling Suspension Mount List



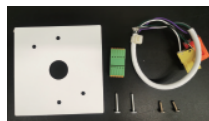
MAG-PMK1-5FT

Aircraft Cable Pendant Mount Kits for Dry Ceiling, with 5ft aircraft cable and 5ft power cord (One set per fixture)

MAG-PMK1-12FT

Aircraft Cable Pendant Mount Kits for Dry Ceiling, with 12ft aircraft cable and 12ft power cord (One set per fixture)

For Surface Mount



MAG-SMK

Surface and Wall Mount Kits



AAL-RC-100

Remote Control for Microwave Motion Sensor



MAG-MSW-PM/SM

Microwave Motion Sensor Kits for pendant mount

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).

Recessed in Dry Ceiling

Trim (recessed with bracket)



MAG0623-RMK-DY-TM-BKT

Trim Recessed with bracket
2ft, 2.3" Linear

MAG1223-RMK-DY-TM-BKT

Trim Recessed with bracket
4ft, 2.3" Linear

MAG0923-RMK-DY-TM-BKT

Trim Recessed with bracket
3ft, 2.3" Linear

* If for 8ft, two sets of
MAG1223-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

MAG1223/38-RMK-DY-TMS

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

MAG0923/38-RMK-DY-TMS

Trimless Recessed
3ft, 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-RMK-DY/DP-TM-STEM

Trim Recessed
with pendant stem
2ft, 2.3" Linear

MAG1223-RMK-DY/DP-TM-STEM

Trim Recessed
with pendant stem
4ft, 2.3" Linear

MAG0923-RMK-DY/DP-TM-STEM

Trim Recessed
with pendant stem
3ft, 2.3" Linear

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

Recessed in Drop Ceiling

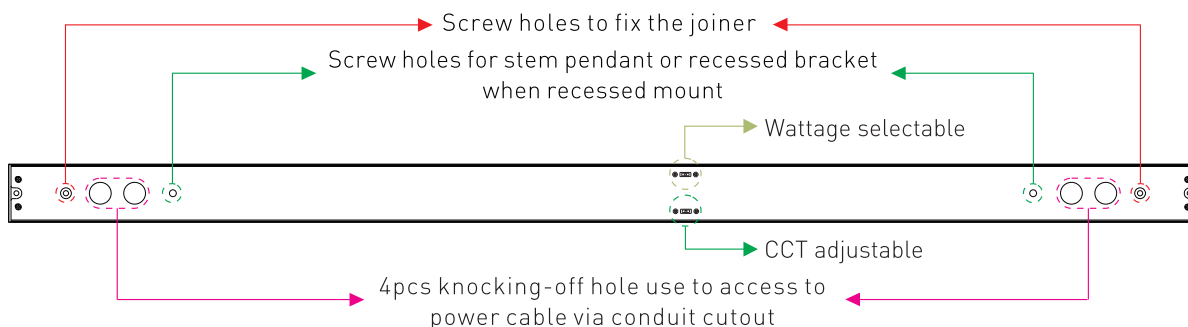
Trimless (T-grid Hooks)



MAG23/38-RMK-DP-TMS

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

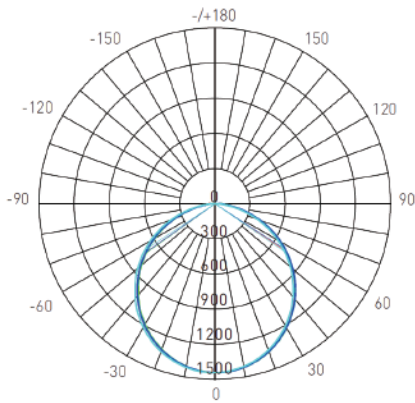
Mounting Location



PHOTOMETRY

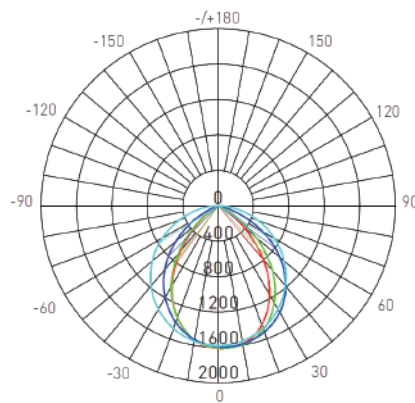
All published luminaire photo metric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%. Result may vary per actual order.

With Flush Diffused Lens



AVERAGE BEAM ANGLE(50%): 111.3°

With Regressed Lens

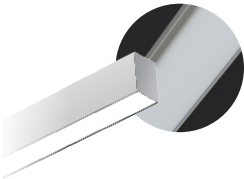


AVERAGE BEAM ANGLE(50%): 92.7°

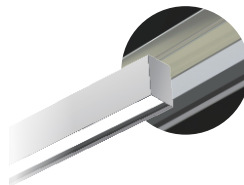
PERFORMANCE DATA

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

Flush Diffused Lens



Regressed lens



Lens	Lumen Package		
	High	Medium	Low
Flat lens	1000lm/ft, 10W/ft	750lm/ft, 7.5W/ft	500lm/ft, 5W/ft
Regressed	800lm/ft, 10W/ft	600lm/ft, 7.5W/ft	400lm/ft, 5W/ft
Width	2.3"	2.3"	2.3"
Wattage	10W/15W/20W@2FT 15W/20W/30W@3FT 20W/30W/40W@4FT 40W/60W/80W@8FT		

Notes:

Above are subject to 3500K.

All efficacy is $\pm 5\%$ base on different CCT and wattage. Check the IES file to gain the accurate data .

Warranty

Five year limited warranty.