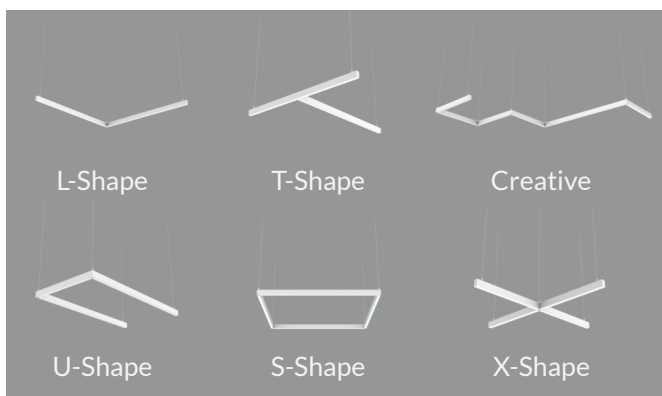


3.8" WIDE MAGIC LED LINEAR LIGHT

Suspended Mount



Illuminated joiners unlock customizable lighting configurations.



This Magic LED Linear Light 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. The Magic is an affordable indirect/direct linear LED luminaire. Various optical design delivers uniform, continuous lines of light. Different pattern joiners available for unlimited lighting pattern design.

TECHNICAL DATA

Length	2ft, 3ft, 4ft, 8ft
CRI	80
CCT	Selectable 3000K/3500K/4000K
Driver	
Standard	0-10V Dimming, dim to 10%
Optional	0-10V Dimming, dim to 1%
Compatible Dimmer	LUTRON: DVSTV LEVITON: IP710
Input Voltage	120-277V, 50/60Hz
Operating Temp.	-4°F to 104°F (-20°C to 40°C)
Certifications	cULus conforms to UL Std. 1598 Cert. to CSA Std. C22.2 No.250.0 Suitable for damp locations RoHS compliant
Power Factor	>0.9 at full load
Harmonic Distortion	<20% at full load
Projected Lifetime	L70 - 100,000 Hours

FEATURES

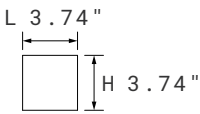
- **Dimensions & Configuration:** Available in 2', 3', 4', and 8' lengths with multiple lit joiner accessories for unlimited lighting pattern design.
- **Optical Options:** Offers 7 direct/indirect lighting distributions with both flat lens and deep regressed lens variants.
- **Performance & Control:** CCT and wattage selectable (up to 1200lm/ft) with optional microwave sensor and EBU.

3.8" WIDE MAGIC LED LINEAR LIGHT

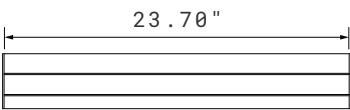
Suspended Mount

SPECIFICATION

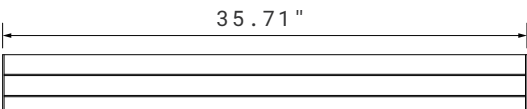
Side View



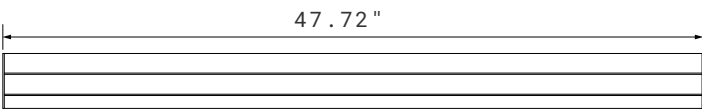
2ft



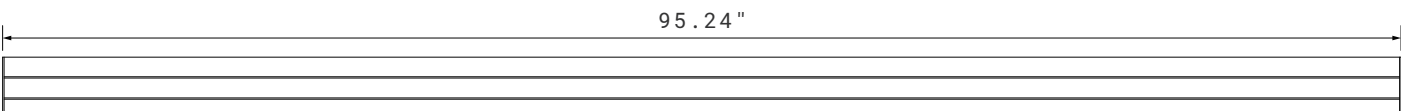
3ft



4ft



8ft



3.8" WIDE MAGIC LED LINEAR LIGHT

Suspended Mount

ORDERING INFORMATION

EXAMPLE: MAG1238-SW1-10D-PM-SD-FDL

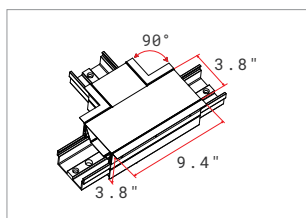
MAG					
1. Series	2. Length	3. Width	4. Driver	5. CCT	6. Voltage
MAG Magic	06¹ 2ft Selectable 20W ¹ /15W/10W 09¹ 3ft Selectable 30W ¹ /22.5W/15W 12¹ 4ft Selectable 40W ¹ /30W/20W 24¹ 8ft Selectable 80W ¹ /60W/40W Option² Desired System Length ²	38 3.8 inch	BLANK Integral	SW³ Selectable 3000K 3500K ³ 4000K	1 120-277V
	7. Dimming	8. Mounting Options	9. Light Distribution	10. Lens Options	11. Finish
	10D Standard 0-10V Dimming, dim to 10% 01D Optional 0-10V Dimming, dim to 1%	PM⁴ Suspended Mount <i>Requires proper mounting kits for different ceiling types.</i>	SD Following options available by dip switch 100% Uplight 10% down, 90% up 30% down, 70% up 50% down, 50% up 70% down, 30% up 90% down, 10% up 100% Downlight ⁵	FDL⁶ Flush Diffused Lens RGL⁶ Regressed	BLANK White BK Black

ORDERING INFORMATION

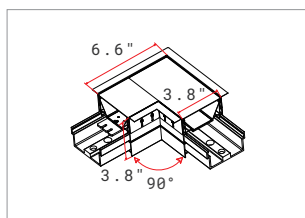
NOTE:

1. The default wattage setting is the highest available for each length: 20W for 2ft, 30W for 3ft, 40W for 4ft, 80W for 8ft.
2. Fixtures are supplied in nominal lengths to ensure uniform illumination across runs and configurations. If custom runs are required, please provide us with your specific requirements in advance. The factory can pre-assemble middle runs and end runs for simplified installation, or end users may modify standard individual fixtures into these configurations as needed.
3. The default CCT setting is 3500K.
4. Please specify mounting kits from the accessory table below for different ceiling types.
5. Default setting is 100% downlight.
6. Please specify the Continuous Roll-Out Lens from the accessory table below for joined lengths exceeding 8ft.

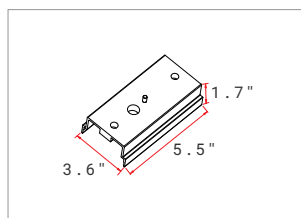
ACCESSORIES (ORDERED SEPARATELY AND FIELD INSTALLED)



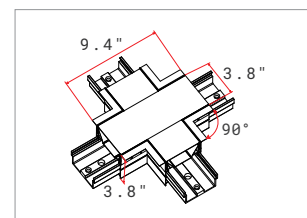
MAG38-T
Illuminated T-Shape Joiner.



MAG38-L
Illuminated 90° L-Shape Joiner.



MAG38-LINE
Illuminated Line Shape Joiner.



MAG38-CROSS
Illuminated Cross Shape Joiner.



AAL-EBU-AC08D-YYY²
Remote 8W LED
Emergency Battery
Back-up 120-347VAC.

AAL-EBU-AC25D-YYY²
Remote 25W LED
Emergency Battery
Back-up 120-347VAC.



MAG38-ROL¹
Continuous Roll-Out Lens
(42').



MAG-MSW-PM/SM
Microwave Motion Sensor
Kit for Pendant Mounting.



AAL-RC-100
Remote Control for
Microwave Motion Sensor.

ACCESSORIES (ORDERED SEPARATELY AND FIELD INSTALLED)



ACGP

Aircraft Cable Gripper (a pair)

Suitable for Ø 0.06"-0.08" (1.5mm-2mm)

aircraft cable including two pieces.



Drop Ceiling Suspension Mount List³

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).

NOTE:

1. For joined lengths exceeding 8ft, only the Continuous Roll-Out Lens may be used.
2. The 8W EBU supports up to 60W total lighting load. The 25W EBU supports up to 150W total lighting load. The dimming control wire must be connected. The EBU is Title 20 compliant. Emergency battery backup operates within ambient temperatures of 32°F to 95°F (0°C to 35°C).
3. Suitable for 9/16" and 15/16" Flat Ceiling. If for 9/16" slot ceiling please contact Customer Service.



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).

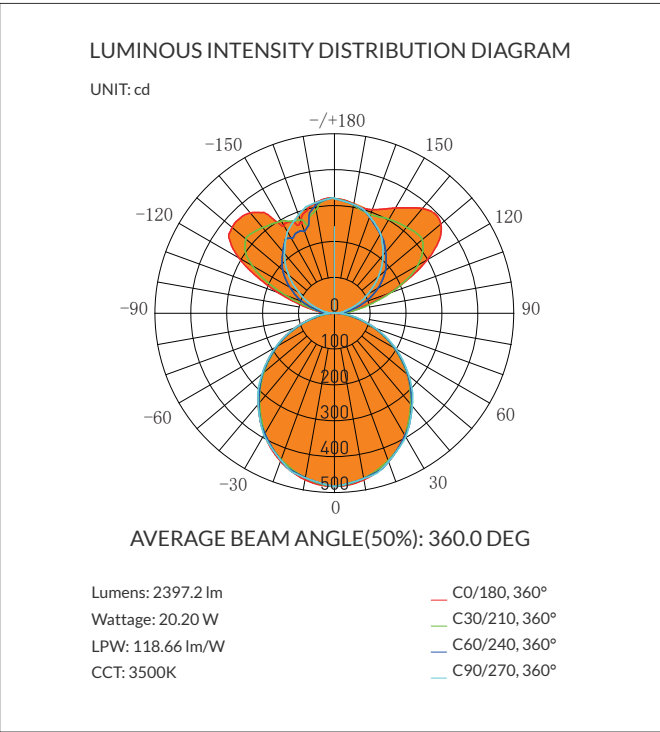
3.8" WIDE MAGIC LED LINEAR LIGHT

Suspended Mount

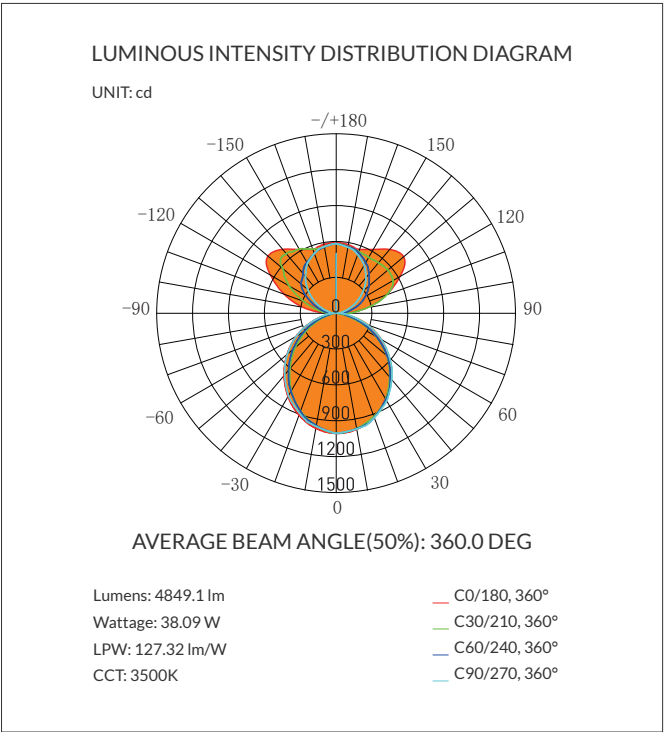
PHOTOMETRY

All published luminaire photometric 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%. Results may vary per actual order.

2ft, Flat Lens, 3500K, 50% Uplight, 50% Downlight



4ft, Flat Lens, 3500K, 50% Uplight, 50% Downlight



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 (Base on 50% Up/50% Down)			100% Down@3500K		
		High	Medium	Low	High	Medium	Low
Flat Lens	2ft, 3ft, 4ft, 8ft	1200lm/ft, 10W/ft	900lm/ft, 7.5W/ft	600lm/ft, 5W/ft	1100lm/ft, 10W/ft	800lm/ft, 7.5W/ft	550lm/ft, 5W/ft
Regressed Lens	2ft, 3ft, 4ft, 8ft	1000lm/ft, 10W/ft	750lm/ft, 7.5W/ft	500lm/ft, 5W/ft	900lm/ft, 10W/ft	670lm/ft, 7.5W/ft	450lm/ft, 5W/ft

NOTE:

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

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	↓	↓	10s
II	↓	↑	1min
III	↑	↓	5mins
IV	↑	↑	15mins

Hold time

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

Default Setting: 15mins

	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	↓	↑	1min
III	↑	↓	30mins
IV	↑	↑	60mins

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: 30mins

WARRANTY

5 years limited warranty.

Specifications subject to change without notice.