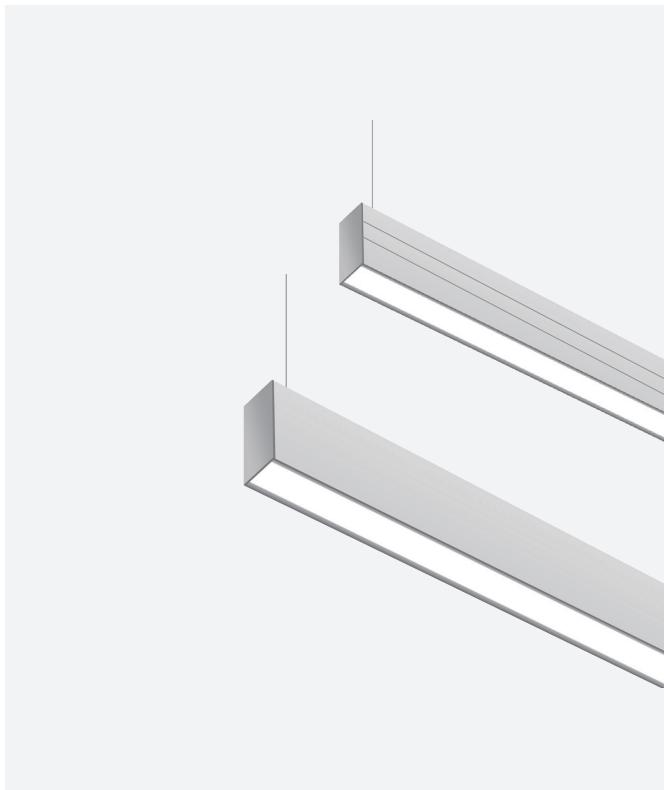


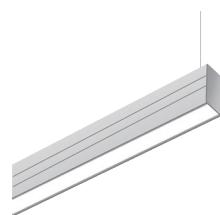
# 2.3" MAGIC LED LINEAR LIGHT

## Wall Wash



Direct and Indirect Version

Wall Wash only for 100% Downlight



Wall Wash Direct Version



This Magic Wall Wash Linear Light is 30° tilt for accent lighting. 2.3" wide linear architectural luminaire with a slim and discreet profile. The Magic is available in standard lengths of 2ft, 3ft, 4ft, and 8ft, and can be joined together in seamless runs of desired length. The Magic is an affordable indirect/direct linear LED luminaire.

## TECHNICAL DATA

### Length/Wattage

2ft	Selectable 10W/15W/20W
3ft	Selectable 15W/20W/30W
4ft	Selectable 20W/30W/40W
8ft	Selectable 40W/60W/80W
<b>CRI</b>	80Ra
<b>CCT</b>	Selectable 3000K/3500K/4000K
<b>Driver</b>	1-10V Dimming
<b>Compatible Dimmer</b>	LUTRON: DVSTV LEVITON: IP710
<b>Input Voltage</b>	120-277V, 50/60Hz
<b>Operating Temp.</b>	-4°F to 104°F (-20°C to 40°C)
<b>Certifications</b>	cULus conforms to UL Std. 1598 Cert. to CSA Std. C22.2 No.250.0 Suitable for damp locations RoHS compliant
<b>Power Factor</b>	>0.9 at full load
<b>Harmonic Distortion</b>	<20% at full load
<b>Projected Lifetime</b>	L70 - 100,000 Hours

## FEATURES

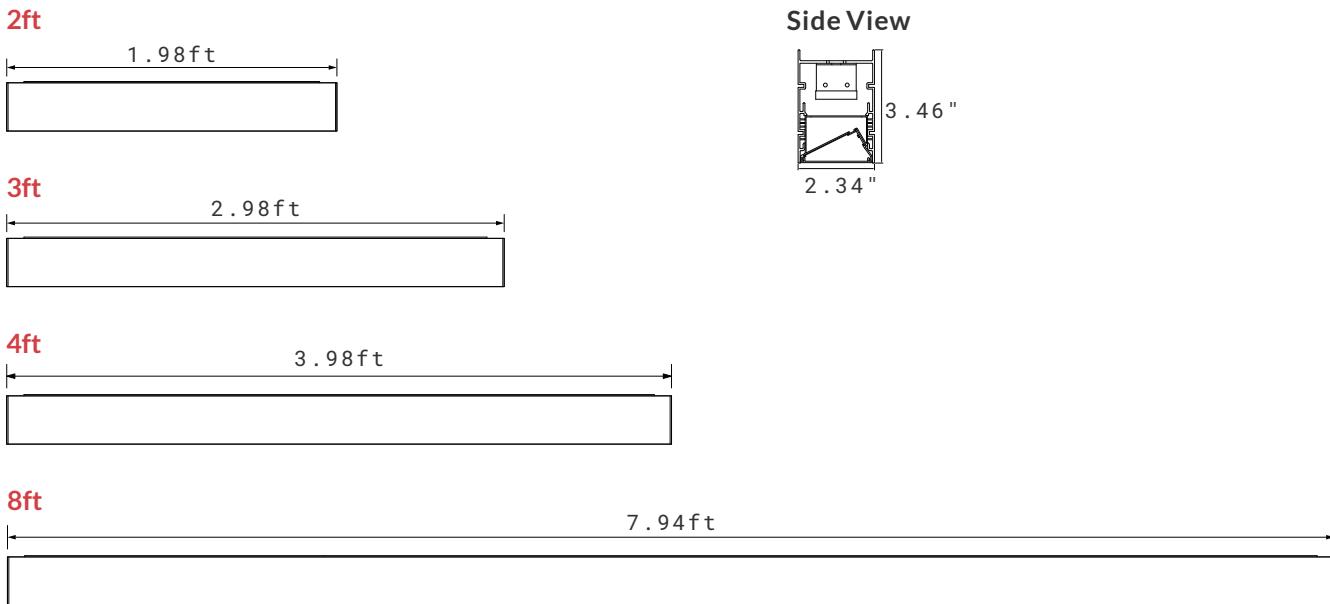
- Wall wash, 30° tilt for accent lighting.
- Comes in lengths of 2ft, 3ft, 4ft, and 8ft.
- Direct and indirect light.
- Seamless continuous runs, up to 42ft.
- CCT and wattage selectable, up to 1200lm/ft.

# 2.3" MAGIC LED LINEAR LIGHT

## Wall Wash



### SPECIFICATION



### 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.

	Lens	Flat Lens	Width	Wattage
Lumen Package	High	1150lm/ft, 10W/ft	2.3"	10W/15W/20W@2FT
	Medium	860lm/ft, 7.5W/ft	2.3"	15W/20W/30W@3FT
	Low	575lm/ft, 5W/ft	2.3"	20W/30W/40W@4FT 40W/60W/80W@8FT

#### NOTE:

1. Above are subject to 3500K.
2. All efficacy is ±5% base on different CCT and wattage. Check the IES file to gain the accurate data.

# 2.3" MAGIC LED LINEAR LIGHT

## Wall Wash



### ORDERING INFORMATION

EXAMPLE: MAG1223-SW1-RSM-WD-FDL

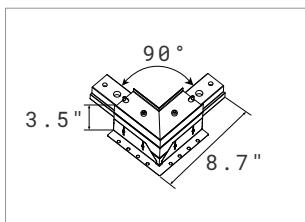
MAG					
1. Series	2. Length	3. Width	4. Driver	5. CCT	6. Voltage
MAG	06 2ft	23 2.3 Inch	BLANK Integral 1-10V Dimming	SW <sup>2</sup> Selectable 3000K 3500K 4000K <sup>2</sup>	1 120-277V
	09 3ft				
	12 4ft				
	24 8ft				
	<b>Option<sup>1</sup></b> Desired System Length				
7. Mounting Options	8. Light Distribution	9. Lens Options	10. Finish		
PSM Suspended and Surface Mounted. <i>PSM is for direct and indirect version (WID) only</i>	WID <sup>4</sup> Direct and Indirect Version Wall Wash only for 100% Downlight <sup>4</sup> <i>Following options available by dip switch</i> 100% Uplight 10% Down, 90% Up 30% Down, 70% Up 50% Down, 50% Up 70% Down, 30% Up 90% Down, 10% Up 100% Downlight <sup>3</sup>	FDL <sup>6</sup> Flush Diffused Lens <sup>6</sup>	BLANK White <b>BK</b> Black		
RSM Recessed, Suspended and Surface Mount <i>RSM is for direct version (WD) only</i>					
WM Wall Mounted <i>WM is for both WID and WD versions</i>	WD <sup>5</sup> Wall Wash Direct Version <sup>5</sup>				

## ORDERING INFORMATION

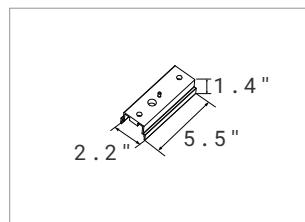
### NOTE:

1. 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.
2. The default CCT setting is 4000K.
3. Default setting is 100% downlight.
4. Available in suspended, surface mount and wall mount. Wall mount can be reversed.
5. Available in recessed, suspended, surface mount and wall mount. Wall mount can be reversed.
6. If the joined length exceeds 8ft, only continuous Roll-Out Lens can be used.

## ACCESSORIES (ORDERED SEPARATELY AND FIELD INSTALLED)



**MAG23-RSM-L**  
L Shape Mount Bracket  
for Recessed, Suspended  
and Surface Mount.



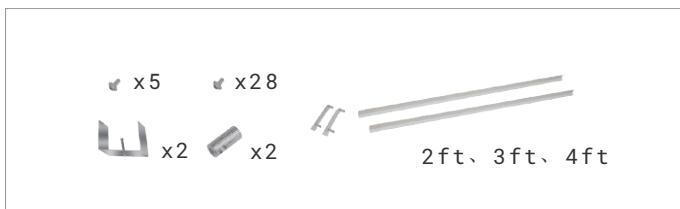
**MAG23-RSM-LINE**  
Line Shape Mount Bracket  
for Recessed, Suspended  
and Surface Mount.



**MAG23-ROL<sup>1</sup>**  
Continuous Roll-Out Lens  
(42ft).<sup>1</sup>



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



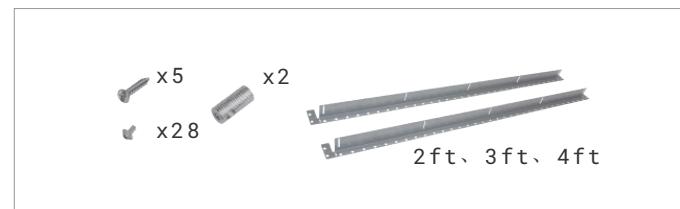
*Dry Ceiling Recessed, Trim+Recessed with Bracket*

**MAG0623-RMK-DY-TM-BKT**  
Trim Recessed with Bucket 2ft, 2.3" Linear.

**MAG0923-RMK-DY-TM-BKT**  
Trim Recessed with Bucket 3ft, 2.3" Linear.

**MAG1223-RMK-DY-TM-BKT**  
Trim Recessed with Bucket 4ft, 2.3" Linear.

2 sets of **MAG1223-RMK-DY-TM-BKT** are required for 8ft runs.



*Dry Ceiling Recessed, Trimless*

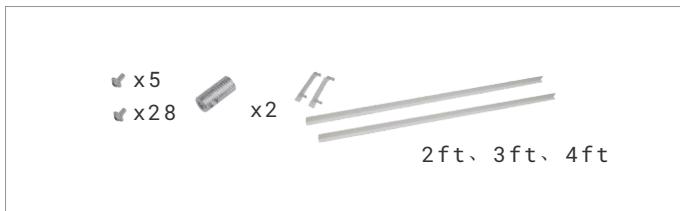
**MAG0623/38-RMK-DY-TMS**  
Trimless Recessed 2ft, 2.3"/3.8" Linear.

**MAG0923/38-RMK-DY-TMS**  
Trimless Recessed 3ft, 2.3"/3.8" Linear.

**MAG1223/38-RMK-DY-TMS**  
Trimless Recessed 4ft, 2.3"/3.8" Linear.

2 sets of **MAG1223/38-RMK-DY-TMS** are required for 8ft runs.

### ACCESSORIES (ORDERED SEPARATELY AND FIELD INSTALLED)



*Dry or Drop Ceiling Recessed, 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.

2 sets of **MAG1223/38-RMK-DY/DP-TM-STEM** are required for 8ft runs.



*Drop Ceiling Recessed, Trimless+T-grid Hooks.*

**MAG23/38-RMK-DP-TMS**

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



**MAG-SMK**

Surface and Wall Mount Kits.



**AAL-RC-100**

Remote Control for Microwave Motion Sensor.



**AAL-EBU-AC08D-YYY<sup>2</sup>**

Remote 8W LED Emergency Battery Back-up 120-347VAC.

**AAL-EBU-AC25D-YYY<sup>2</sup>**

Remote 25W LED Emergency Battery Back-up 120-347VAC.



**ACGP**

Aircraft Cable Gripper (a pair)  
 Suitable for Ø 0.06"-0.08"  
 Aircraft Cable including two pieces.

#### NOTE:

1. If the joined length exceeds 8ft, only continuous Roll-Out Lens can 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. Emergency battery backup operates within ambient temperatures of 32°F to 95°F (0°C to 35°C).

### ACCESSORIES (ORDERED SEPARATELY AND FIELD INSTALLED)



#### *Dry Ceiling Suspension Mount List.<sup>1</sup>*

##### **MAG-PMK3-5FT**

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

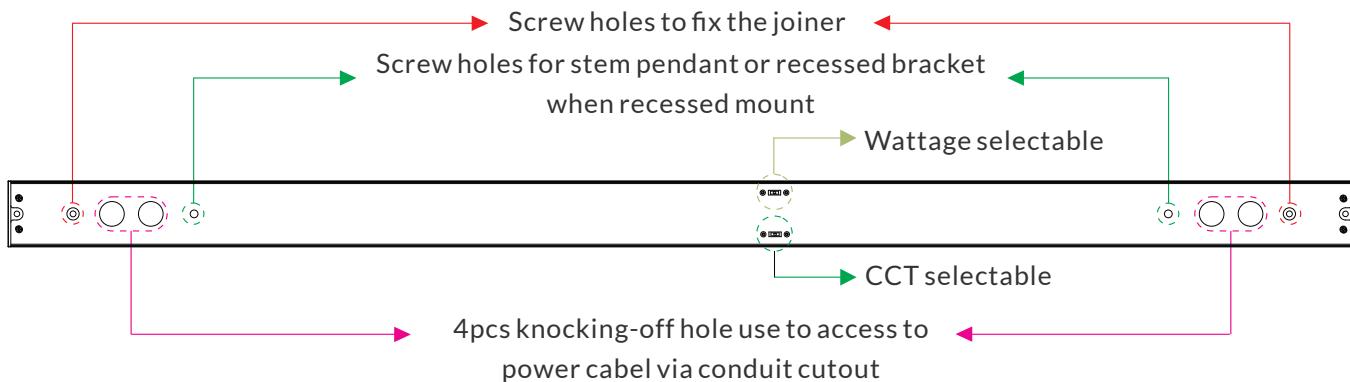
##### **MAG-PMK3-12FT**

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

#### **NOTE:**

1. Suitable for 9/16" and 15/16" Flat Ceiling. If for 9/16" Slot Ceiling please contact Customer Service.

### MOUNTING LOCATION



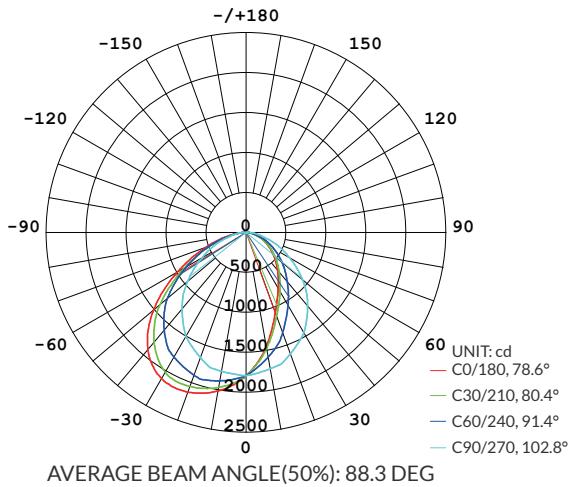
# 2.3" MAGIC LED LINEAR LIGHT

## Wall Wash

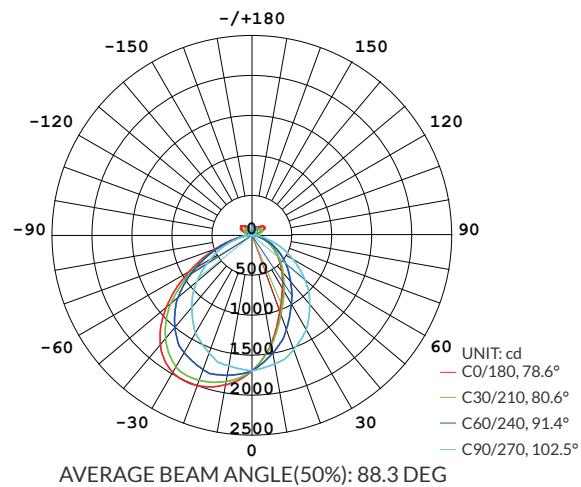
### PHOTOMETRY

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.

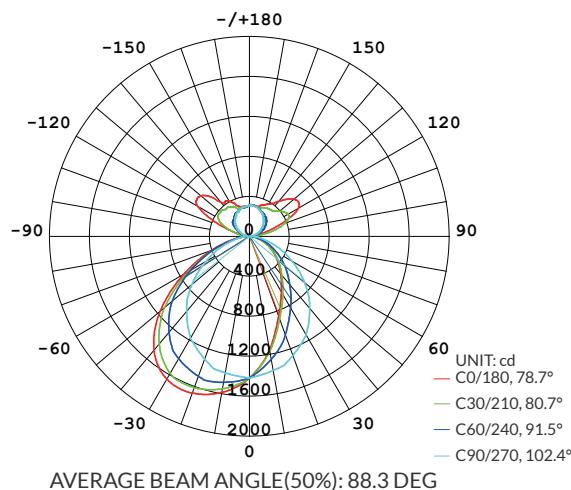
#### 100% Direct



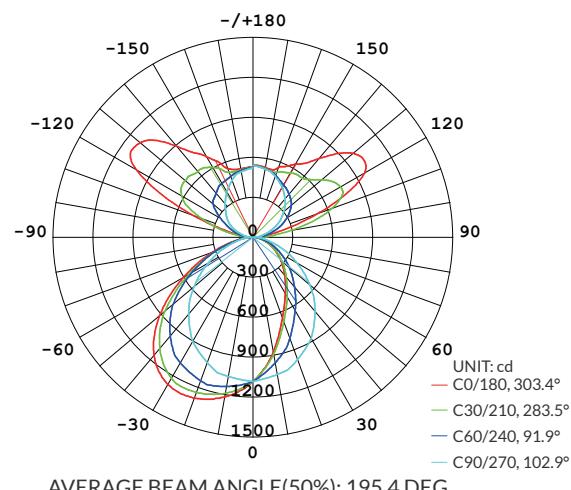
#### 10% Indirect and 90% Direct



#### 30% Indirect and 70% Direct



#### 50% Indirect and 50% Direct

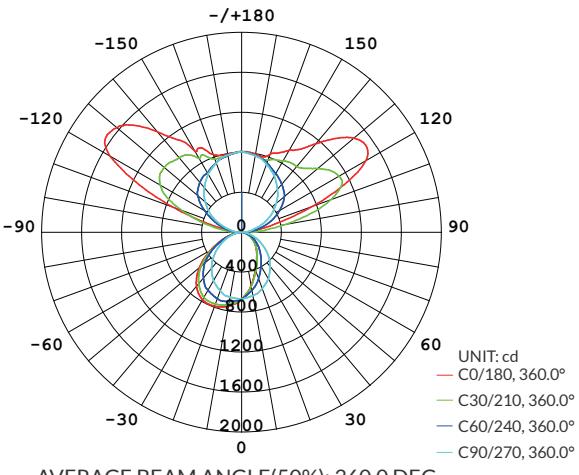


# 2.3" MAGIC LED LINEAR LIGHT

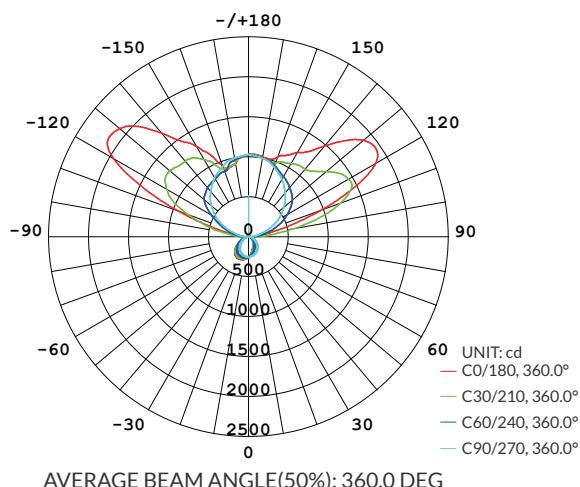
## Wall Wash

### PHOTOMETRY

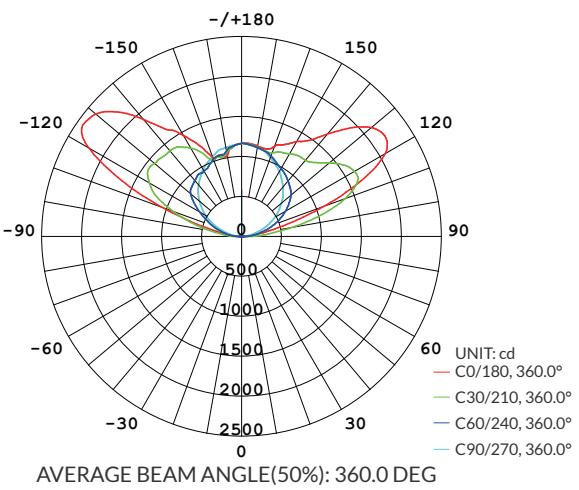
#### 70% Indirect and 30% Direct



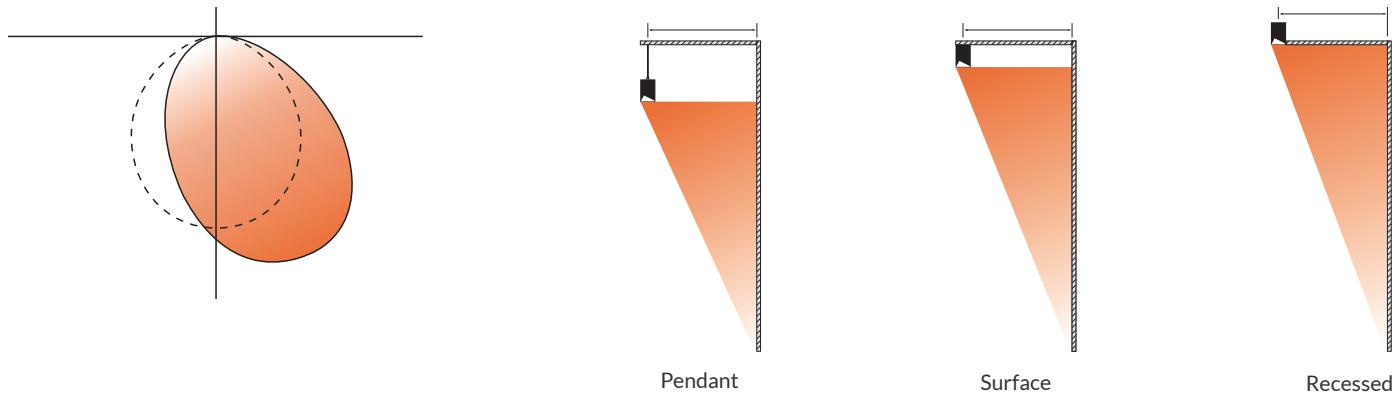
#### 90% Indirect and 10% Direct



#### 100% Indirect



#### 18"-30" Recommended Distance from Wall



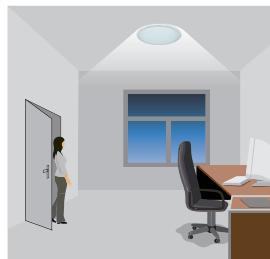
## MICROWAVE DIMMING SENSOR SETTING (120-277V)

3-step dimming function

The sensor is an innovative motion sensor, switch on the light on detection of movement, and switch off after a hold time when there is no motion detected.



1. No motion detected, all lamps switch off.



2. Any movement is detected from any direction, all lamps synchronously switch on.



3. No motion is detected in detection area, all lamps synchronously dim to a low light level after hold time.



4. After stand-by period, the lamps switch off if no movement is detected in the detection zone.

## 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%**

# 2.3" MAGIC LED LINEAR LIGHT

## Wall Wash



**ABOVE ALL**  
www.AboveAllLighting.com

## MICROWAVE DIMMING SENSOR SETTING (120-277V)

	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.