

# W13GM

## LED linkable wraparound

Project: \_\_\_\_\_  
 Type: \_\_\_\_\_  
 Catalogue #: \_\_\_\_\_  
 Drawn by: \_\_\_\_\_  
 Date: \_\_\_\_\_

AimLite's W13GM is a LED linkable wrap and is available in 48". Comes standard with 2 connectors ideal for surface and row mount. Perfectly suited for a variety of commercial and residential applications, such as utility rooms, corridors, hallways, restrooms, and where a decorative fixture with efficient lighting is required.

### FEATURES AND SPECIFICATIONS

#### CONSTRUCTION

##### Housing

Steel white powder coating

##### Mounting options

Surface mount, wall and ceiling

##### Lens

Frosted polycarbonate lens

#### INSTALLATION

Ceiling row mount up to 8 units is possible with included connectors. (see connectors image below)

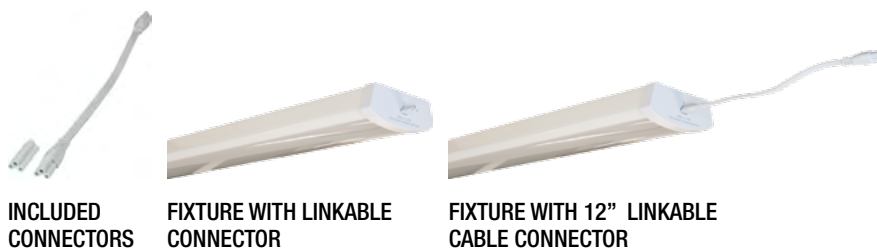
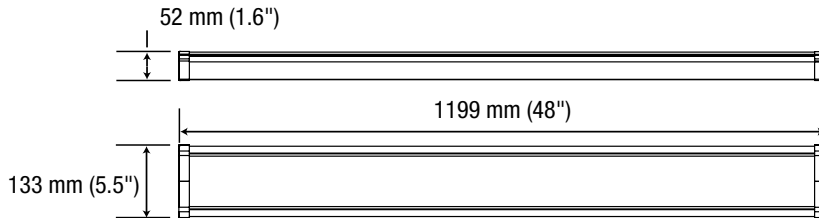
#### ELECTRICAL

- Comes standard with 2 connectors to allow easy and rapid connections:
  - linkable connector
  - 12" linkable cable connector
- LED delivers a total output of 5043 lumens
- Available in 4000K only with long-life LEDs that provide 80+ CRI
- Suitable in -25°C to +55°C ambient conditions
- Comes standard with 120-277V driver
- Suitable for damp location

#### COMPLIANCES

- DLC
- ETL

#### DIMENSIONS



Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at [www.designlights.org/search](http://www.designlights.org/search).

#### OVERVIEW

|                    |          |
|--------------------|----------|
| Light source       | LED      |
| Wattage            | 47W      |
| Lumens             | 5043 lm  |
| lm/W               | 106 lm/W |
| Colour temperature | 4000K    |
| CRI                | >80      |
| Weight             | 4.63lbs  |

## QUICK SHIP ORDERING GUIDE \*

| Part number       | Wattage | Lumens | Voltage  | Colour temperature | LM/W    | PF    | CRI | THD   |
|-------------------|---------|--------|----------|--------------------|---------|-------|-----|-------|
| <b>W13GM-48-1</b> | 47W     | 5043   | 120-277V | 4000K              | 106lm/W | 0.927 | 80+ | 15.3% |

\* **QUICK SHIP:** Product availability is subject to change without notice. Please contact your AimLite customer service representative to confirm inventory levels at time of order.

### ACCESSORIES (order separately)

|                   |                             |
|-------------------|-----------------------------|
| <b>LEN354</b>     | Replacement lens            |
| <b>HAR1001</b>    | Linkable connector no cable |
| <b>WIR223</b>     | 12in connector              |
| <b>WIR151-4FT</b> | 4ft connector               |
| <b>WIR151-6FT</b> | 6ft connector               |
| <b>WIR151-8FT</b> | 8ft connector               |

### TM21 TABLE • W13GM-48-1 - 5043 LM (47W)

|   |         |
|---|---------|
| Time (t) at which to estimate lumen maintenance (hours) | 57,000  |
| Lumen maintenance at time (t) (%)                       | 69.79%  |
| Calculated L70 (hours)                                  | 57,000  |
| Reported L70 (hours)                                    | >36,000 |

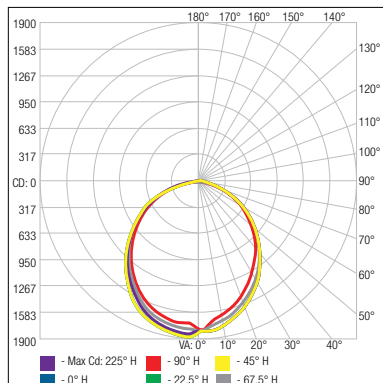
| General specifications |                   |                 |                  |       |          |      |      |               |       | Lumen maintenance |                        |              |
|------------------------|-------------------|-----------------|------------------|-------|----------|------|------|---------------|-------|-------------------|------------------------|--------------|
| Package*               | Input voltage (V) | LED current (A) | System power (W) | Lumen | LM/W     | CCT  | CRI  | PF            | THD   | Reported L70      | Calculated TM21 @ 55°C | LM80 @ (Hrs) |
|                        |                   |                 |                  | 4000K |          |      |      |               |       |                   |                        |              |
| <b>W13GM-48-1</b>      | 120-270V          | 60mA            | 47W              | 5043  | 106 lm/W | 3955 | 83.8 | 0.927 (92.7%) | 15.3% | > 36000           | 57,000 hrs             | 6000         |

\* Non dimmable - use with non-dimmable switches only.

## PHOTOMETRIC DATA

### W13GM-48-1 • 4946.4lm

#### Polar candela distribution




#### Zonal lumen summary

| Zone          | Lumens | % Fixture |
|---------------|--------|-----------|
| <b>0-30</b>   | 1366.9 | 27.6%     |
| <b>0-40</b>   | 2212.0 | 44.7%     |
| <b>0-60</b>   | 3834.6 | 77.5%     |
| <b>60-90</b>  | 1067.9 | 21.6%     |
| <b>70-100</b> | 513.6  | 10.4%     |
| <b>90-120</b> | 32.9   | 0.7%      |
| <b>0-90</b>   | 4902.5 | 99.1%     |
| <b>90-180</b> | 43.9   | 0.9%      |
| <b>0-180</b>  | 4946.4 | 100%      |

#### Illuminance at a distance

| Center beam fc |         | Beam width |       |
|----------------|---------|------------|-------|
| 1.7'           | 622 fc  | 4.7'       | 4.0'  |
| 3.3'           | 165 fc  | 9.2'       | 7.8'  |
| 5.0'           | 71.9 fc | 10.9'      | 11.0' |
| 6.7'           | 40.0 fc | 18.6'      | 15.9' |
| 8.3'           | 26.1 fc | 23.0'      | 19.6' |
| 10.0'          | 18.0 fc | 27.8'      | 23.7' |


  
■ Vert. spread: 108.5°  
■ Horiz. spread: 99.6°

## Comments

All products are subject to change or may be discontinued any time without notice.