

W13GM

LED linkable wraparound

Project: _____
 Type: _____
 Catalogue #: _____
 Drawn by: _____
 Date: _____

AimLite's W13GM is a LED linkable wrap and is available in 24" and 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 for the 4ft wrap, and up to 15 units for the 2ft wrap is possible. (Connectors included). (see connectors image below)

ELECTRICAL

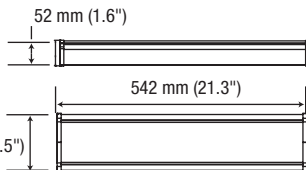
- Comes standard with 2 connectors to allow easy and rapid connections:
 - linkable connector
 - 12" linkable cable connector
- Available in 4000K only with long-life LEDs that provide 80+ CRI
- Suitable in -25°C to +55°C ambient conditions
- Comes standard with 120-277V driver
- Suitable for damp location

COMPLIANCES

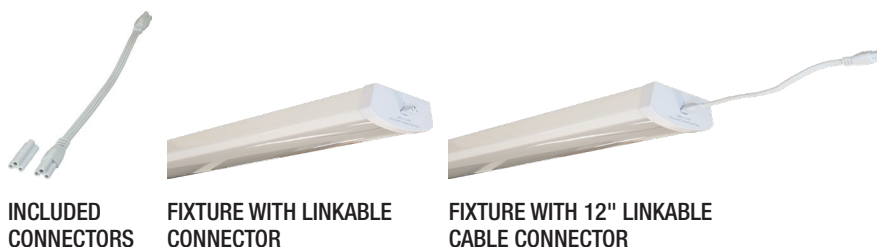
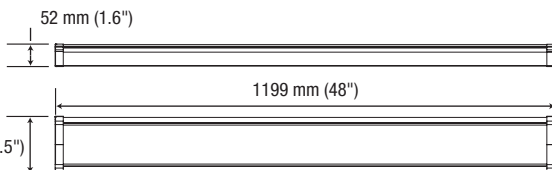
- DLC
- ETL
- Meets requirements of ICES-005

DIMENSIONS

24"



48"



INCLUDED CONNECTORS

FIXTURE WITH LINKABLE CONNECTOR

FIXTURE WITH 12" LINKABLE CABLE CONNECTOR



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.

OVERVIEW

Light source	LED
Wattage	27W - 47W
Lumens	2878lm - 5043lm
lm/W	106 lm/W
Colour temperature	4000K
CRI	>80
Weight	2.65lbs, 4.63lbs

QUICK SHIP ORDERING GUIDE *

Part number	Size	Wattage	Lumens	Voltage	Colour temperature	LM/W
W13GM-24-1	24"	27W	2878 lm	120-277V	4000K	106 lm/W
W13GM-48-1	48"	47W	5043lm	120-277V	4000K	106lm/W

* **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)

LEN354	Replacement lens
HAR1001	Linkable connector no cable
WIR223	12in connector
WIR151-4FT	4ft connector
WIR151-6FT	6ft connector
WIR151-8FT	8ft connector

TM21 TABLE FOR 24"

Time (t) at which to estimate lumen maintenance (hours)	225,000
Lumen maintenance at time (t) (%)	69.95%
Calculated L70 (hours)	225,000
Reported L70 (hours)	>54,000

TM21 TABLE FOR 48"

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

LUMEN AND SPECIFICATION CHART

General specifications											Lumen maintenance		
Package*	Size	Input voltage	LED current	System power	Lumen	LM/W	CCT	CRI	PF	THD	Reported L70	Calculated TM21 @ 55°C	LM 80 @ (Hrs)
W13GM-24-1	24"	120-277V	0.29A	27W	2877.5lm	106.3lm/W	3987	84	0.908 (90.8%)	9.9%	>54,000	225,000 hrs	9000
W13GM-48-1	48"	120-277V	0.42A	47.4W	5042.6lm	106.3lm/W	3955	83.8	0.927 (92.7%)	15.3%	> 36000	57,000 hrs	6000

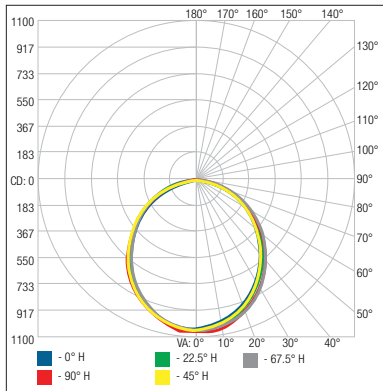
* Non dimmable - use with non-dimmable switches only.

Comments

PHOTOMETRIC DATA

W13GM-24-1 • 2858.5lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	797.1	27.9%
0-40	1291.6	45.2%
0-60	2243.6	78.5%
60-90	588.2	20.6%
70-100	258.7	9%
90-120	13.8	0.5%
0-90	2831.9	99.1%
90-180	26.6	0.9%
0-180	2858.5	100%

Illuminance at a distance

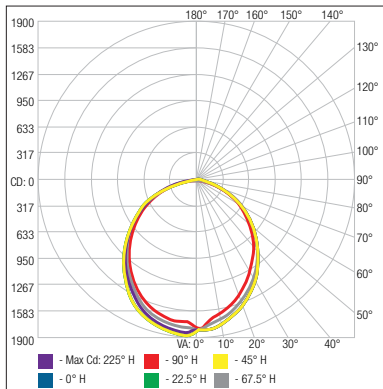
Center beam fc	Beam width
1.7'	362 fc
3.3'	96.1 fc
5.0'	41.9 fc
6.7'	23.3 fc
8.3'	15.2 fc
10.0'	10.5 fc

Beam width	Beam width
4.4'	4.7'
8.6'	9.1'
13.1'	13.8'
17.5'	18.4'
21.7'	22.8'
26.2'	27.5'

■ Vert. spread: 105.2°
■ Horiz. spread: 108.0°

W13GM-48-1 • 4946.4lm

Polar candela distribution



Zonal lumen summary

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

Illuminance at a distance

Center beam fc	Beam width
1.7'	622 fc
3.3'	165 fc
5.0'	71.9 fc
6.7'	40.0 fc
8.3'	26.1 fc
10.0'	18.0 fc

Beam width	Beam width
4.7'	4.0'
9.2'	7.8'
10.9'	11.0'
18.6'	15.9'
23.0'	19.6'
27.8'	23.7'

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

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