AimLite

W13GM
LED WRAPAROUND
5 CCT AND 3 POWER SELECTABLE

The W13GM series offers a modern and attractive wraparound design and is available with both linkable and hardwire end cap options. The linkable versions allow for row mounting multiple luminaires together without any additional wiring, for an easy and quick installation. The hardwire version features knockouts on the end caps, for when installation using conduit or row mounting with dimming is required. Designed for surface mounting, these luminaires are ideal for use in a variety of commercial and residential applications, such as utility rooms, corridors, restrooms and anywhere a decorative luminaire with efficient lighting is desired.
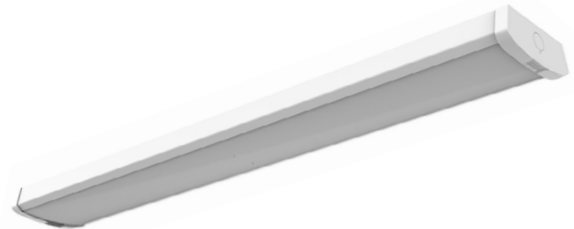
FEATURES & SPECIFICATIONS

CONSTRUCTION

Physical Characteristics
- White powder painted steel housing
- Frosted PMMA lens
- Frosted polycarbonate lens for 2 ft Linkable luminaires
- CCT and Power Selectable switches are placed discretely inside the housing (select models)

Mounting
- Surface or row mounted

Linkable Feature (Select Models)
- Linkable connectors included in the box for quick and easy row mounting
- Row Mounting Maximum:
  - 2 ft: Up to 15 luminares
  - 2 ft HO: Up to 8 luminaires
  - 4 ft: Up to 8 luminaires
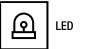
PERFORMANCE DATA

- Available in 4 000 K single color temperature or 3 000/3 500/ 4 000/4 500/5 000 K selectable color temperature
- 80+ CRI
- Electrical ratings: 120-277 V or 120-347 V
- Estimated life of over 54 000 hours to L70
- 0-10V dimming standard
- Surge protection:
  - 2 ft (Linkable): 1 kV
  - 2 ft HO (Linkable): 2 kV
  - 2 ft (Hardwire): 2.5 kV
  - 4 ft (All): 2.5 kV
- Operating temperature: -20 °C to 50 °C (-4 °F to 122 °F)

COMPLIANCES

- ETL listed for damp locations
- DLC Standard and Premium
- Meets requirements of ICES-005 issue 5 class B for use in residential applications

OVERVIEW				
LIGHT SOURCE	LED		**EFFICACY (LM/W)**	115-130
WATTS (W)	23, 44, 46 16/20/24 30/35/40		**COLOR TEMPERATURE (K)**	4 000 3 000/4 000/5 000 3 000/3 500/4 000/4 500/5 000
LUMEN OUTPUT (LM)	1 840-5 502		**CRI**	80+

WARRANTY 5 YEAR WARRANTY   CCT: 5CCT SELECTABLE   CCT: 3CCT SELECTABLE   W: POWER SELECTABLE   QUICKSHIP   LED   DIMMABLE

DAMP LOCATION   ICES 005   ETL Intertek   FC   DLC LISTED PREMIUM   DLC LISTED

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.

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.

QUICK SHIP AND
TECHNICAL SPECIFICATION TABLE

PART NUMBER	WATTS [W]	VOLTS [V AC]	COLOR TEMP. [K][1]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]	CRI	LIFE L70 [HRS][5]	TESTED HOURS LM-80 [HRS][5]	DIMMING [YES/NO]	PF	THD [%]	MASTER CASE QTY
24" SINGLE CCT [LINKABLE VERSION]												
W13GM-24-1-G2	23	120-277	4 000	2 695[2]	115	80+	54 000	9 000	YES[6]	0.90	12	12
24" CCT SELECTABLE [LINKABLE VERSION]												
W13GM-24HO-3C-G2	46	120-277	3 000/4 000/ 5000	5 354[3]	116	80+	72 000	12 000	YES[6]	0.90	15	12
24" CCT AND POWER SELECTABLE [HARDWIRE VERSION]												
W13GM-24PS-32/5C	16/20/24	120-347	3 000/3 500/4 000/ 4 500/5 000	1 840/2 300/ 2 760[4]	115	80+	102 000	17 000	YES	0.90	20	4
48" SINGLE CCT [LINKABLE VERSION]												
W13GM-48-2-G3[8]	44	120-277	4 000	5 060[2]	115	80+	102 000	17 000	YES[7]	0.90	20	4
48" CCT AND POWER SELECTABLE [HARDWIRE VERSION]												
W13GM-48PS-32/5C[8]	30/35/40	120-347	3 000/3 500/4 000/ 4 500/5 000	3 900/4 550/ 5 200[4]	130	80+	102 000	17 000	YES	0.90	20	4

[1] Typical color temperature range: +/- 5 %.
[2] Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.
[3] Lumen values are derived from DLC reported data at 3 000 K. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.
[4] Lumen values are based on 4 000 K default programming. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.
[5] Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations.
[6] Dimming with row mounting only available when hardwired using the Conduit Entry Kit accessory [sold separately].
[7] Dimming is not available when row mounted using the linkable connectors.
[8] There are visible differences in the appearance of W13GM-24-1-G2 and W13GM-24HO-3C-G2, compared to the rest of the luminaires in this series.

END CAP VIEW

Linkable Luminaires

Hardwire Luminaires

DLC UNIQUE ID TABLE

PART NUMBER	DLC PREMIUM UNIQUE ID LOW BAY	DLC STANDARD UNIQUE ID LINEAR AMBIENT
W13GM-24-1-G2	-	PL2KEJQCDG06
W13GM-24HO-3C	-	S-EA4LTO
W13GM-24PS-32/5C	-	S-FJO3CV
W13GM-48-2-G3	-	S-WBL7Q3
W13GM-48PS-32/3C	S-4GVRDN	S-8TNJBZ

LUMEN SPECIFICATION TABLE

PART NUMBER	WATTS [W]	3 000 K LUMEN OUTPUT [LM]	EFFICACY [LM/W]	3 500 K LUMEN OUTPUT [LM]	EFFICACY [LM/W]	4 000 K LUMEN OUTPUT [LM]	EFFICACY [LM/W]	4 500 K LUMEN OUTPUT [LM]	EFFICACY [LM/W]	5 000 K LUMEN OUTPUT [LM]	EFFICACY [LM/W]
W13GM-24HO-3C-G2	46	5 354	116	-	-	5 502	120	-	-	5 405	118
W13GM-24PS-32/5C	16	1 840	115	1 840	115	1 840	115	1 840	115	1 840	115
	20	2 300	115	2 300	115	2 300	115	2 300	115	2 300	115
	24	2 760	115	2 760	115	2 760	115	2 760	115	2 760	115
W13GM-48PS-32/5C	30	3 900	130	3 900	130	3 900	130	3 900	130	3 900	130
	35	4 550	130	4 550	130	4 550	130	4 550	130	4 550	130
	40	5 200	130	5 200	130	5 200	130	5 200	130	5 200	130

DEFAULT PROGRAMMING
W13GM-24HO-3C-G2: 4 000 K
W13GM-24PS-32/5C: 24 W / 4 000 K
W13GM-48PS-32/5C: 40 W / 4 000 K

W13GM

ACCESSORIES (ORDER SEPARATELY)

PART NUMBER	TYPE	COMPATIBLE WITH
HAR1001-A	LINKABLE CONNECTOR[1]	W13GM-24-1-G2 W13GM-24HO-3C-G2 W13GM-48-2-G3
WIR223-A	12" LINKABLE CABLE CONNECTOR[2]	
WIR151-4FT-A	48" LINKABLE CABLE CONNECTOR	
WIR151-6FT-A	72" LINKABLE CABLE CONNECTOR	
WIR151-8FT-A	96" LINKABLE CABLE CONNECTOR	
KIT-W13GM-CE-2	CONDUIT ENTRY KIT FOR 2FT[3]	W13GM-24-1-G2
KIT-W13GM-CE-2-HO	CONDUIT ENTRY KIT FOR 2FT HO[3]	W13GM-24HO-3C-G2

[1] One (1) Linkable Connector is included in the box with all linkable models.
[2] One (1) 12" Linkable Cable Connector is included in the box with W13GM-24-1-G2 and W13GM-48-2-G3 only.
[3] Conduit Entry Kit consists of two (2) end caps with knockouts and one (1) 5VA rated lens.
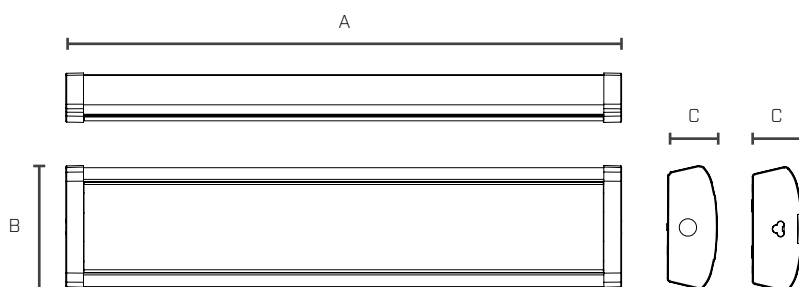
INCLUDED IN THE BOX (LINKABLE MODELS ONLY)

Linkable Connector

12" Linkable Cable Connector[2]
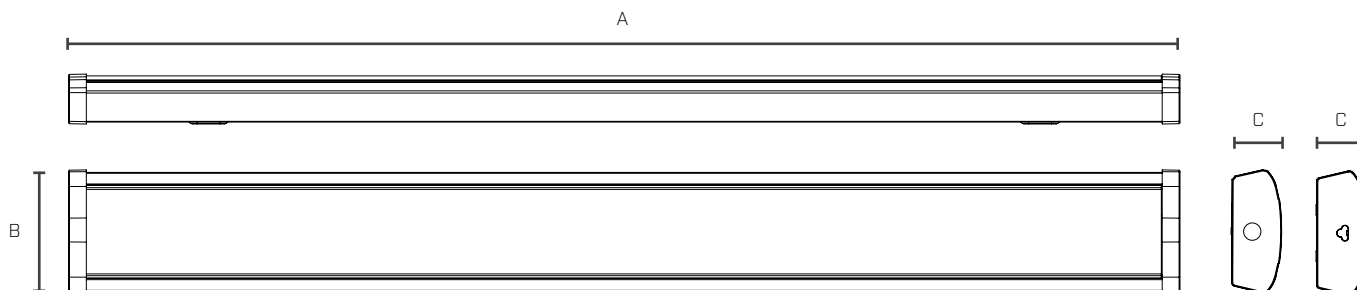*(W13GM-24-1-G2 & W13GM-48-2-G3 Only)*

DIMENSIONS AND WEIGHTS

24"

	W13GM-24-1-G2	W13GM-24HO-3C-G2	W13GM-24PS-32/5C
A in. (cm)	21 3/8 (54.4)	24 (61)	24 1/2 (62.1)
B in. (cm)	5 1/4 (13.5)	5 1/4 (13.5)	5 1/4 (13.5)
C in. (cm)	2 1/8 (5.3)	2 1/8 (5.3)	2 1/8 (5.5)
Net weight (lbs)	2.65	2.82	2.5

48"

A in. (cm)	47 5/8 (121.1)
B in. (cm)	5 1/4 (13.5)
C in. (cm)	2 1/8 (5.5)
Net weight (lbs)	4.1