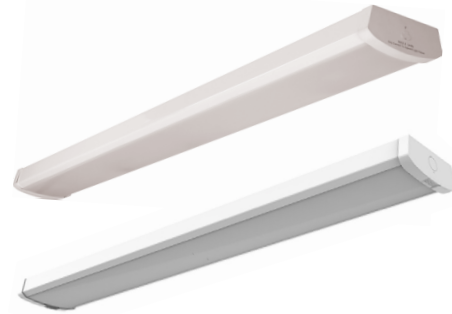


W13GM

LED WRAPAROUND

5 CCT AND 3 POWER SELECTABLE

AimLite's W13GM series is available in 2' and 4', with both linkable and hardwire versions. The linkable version can be connected using a connector without any additional wiring. The hardwire version has the knockout on the end cap, allows for row dimming when hardwiring the luminaires together. This model is ideal for surface and row mounting, suitable for a variety of commercial and residential applications, such as utility rooms, corridors, hallways, restrooms and anywhere a decorative luminaire with efficient lighting is required.



FEATURES & SPECIFICATIONS

CONSTRUCTION

Physical Characteristics

- Steel with white powder coated housing
- Frosted polycarbonate lens [W13GM-24-1-G2, W13GM-24HO-3C-G2]
- Frosted PMMA lens [W13GM-48-2-G3, W13GM-48PS-32/5C]
- Linkable version comes with a connector or connectors for easy and rapid connections (see accessories section for details)
- For CCT and power selectable versions, switches are located inside the housing

Mounting




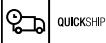








- Surface or row mounted
- Using linkable connectors (provided with the product) for row mounting
- Row mounting up to 15 units for the 2' wrap and up to 8 units for 2' H. O. and 4' wrap when using the included linkable connector
- For dimming with hard wiring, read carefully the dimmer's instructions for safe wiring and to not exceed the maximum capacity of the dimmer

PERFORMANCE DATA

- Available in 4 000 K single color temperature, 3 000/4 000/5 000 [2' HO] or 3 000/3 500/4 000/4 500/5 000 K selectable color temperatures
- 80+ CRI
- Electrical ratings: 120 - 277 V or 120 - 347 V [see quickship table for details]
- Estimated life of over 54 000 hours to L70
- 0-10V dimming standard, 1-10V dimming [W13GM-24HO-3C-G2]
- Surge protection: 1 kV [W13GM-24-1-G2], 2 kV [W13GM-24HO-3C-G2], 2.5 kV [W13GM-48-2-G3, W13GM-48PS-32/5C]
- Operating temperature: -20 °C to 50 °C [-4 °F to 122 °F]

COMPLIANCES

- ETL listed for damp locations
- DLC Standard and Premium (see DLC unique ID table for details)
- 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, 46, 47 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)	2 695 - 5 502	CRI	80+
<div>        </div> <div>      </div>			

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.

W13GM

QUICK SHIP AND TECHNICAL SPECIFICATION TABLE



PART NUMBER	WATTS [W]	VOLTS [V AC]	COLOR TEMP. [K] ¹	LUMEN OUTPUT [LM] ²	EFFICACY [LM/W]	CRI	LIFE L70 [HRS] ⁴	TESTED HOURS LM-80 [HRS] ⁴	DIMMING [YES/NO]	PF	THD [%]	MASTER CASE QTY
2' SINGLE CCT (LINKABLE VERSION)												
W13GM-24-1-G2	23	120-277	4 000	2 695	115	84	54 000	9 000	YES ⁵	0.94	12	12
2' CCT SELECTABLE (LINKABLE VERSION)												
W13GM-24HO-3C-G2	46	120-277	3 000/4 000/ 5000	5 354 ³	116	83	>72 000	12 000	YES ⁵	0.92	15	12
4' SINGLE CCT (LINKABLE VERSION)												
W13GM-48-2-G3 ⁷	44	120-277	4 000	5 060	115	83	>102 000	17 000	YES ⁵	0.90	20	4
4' CCT AND POWER SELECTABLE (HARDWIRE VERSION)												
W13GM-48PS-32/5C ⁷	30/35/40	120-347	3 000/3 500/4 000/ 4 500/5 000	3 900/4 550/ 5 200 ³	130	82	>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 based on 3 000 K default programming. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.

⁴ Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations.

⁵ Dimming with row mounting only available when hardwired using the end cap for conduit entry.

⁶ Dimming not applicable to row mounting.

⁷ There are visible differences in physical appearance between the 2' and 4' wraps.

DLC UNIQUE ID TABLE

PART NUMBER	DLC PREMIUM UNIQUE ID	DLC STANDARD UNIQUE ID
	LOW BAY	LINEAR AMBIENT
W13GM-24-1-G2	-	PL2KEJQCDG06
W13GM-24HO-3C	-	S-EA4LT0
W13GM-48-2-G3	-	S-WBL7Q3
W13GM-48PS-32/3C	S-4GVRDN	S-8TNJBZ

LUMEN SPECIFICATION TABLE

PART NUMBER	WATTS [W]	3 000 K		3 500 K		4 000 K		4 500 K		5 000 K	
		LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]
W13GM-24HO-3C-G2	46	5 354	116	-	-	5 502	120	-	-	5 405	118
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: 46 W/ 4 000 K

W13GM-48PS-32/5C: 40 W/ 4 000 K

ACCESSORIES (ORDER SEPARATELY)

PART NUMBER	TYPE	COMPATIBLE WITH
HAR1001-A	LINKABLE CONNECTOR (NO CABLE) 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 piece is included in the box for W13GM-24-1-G2, W13GM-24HO-3C and W13GM-48-2-G3, extra units can be purchased separately.

² Included only with W13GM-24-1-G2.

³ One kit includes 2 end caps and 1 5VA lens for internal wiring.

END CAP VIEW



End cap view for
W13GM-24-1-G2 and
W13GM-24HO-3C-G2



End cap view for
W13GM-48PS-32/5C



End cap view for
W13GM-48-2-G3

INCLUDED IN THE BOX



Included Connectors*



Luminaire with Linkable Connector

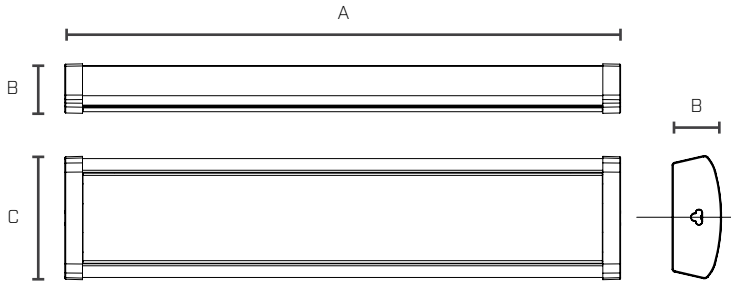


Luminaire with 12" Linkable Cable Connector
*12" connector only included with W13GM-24-1-G2

W13GM

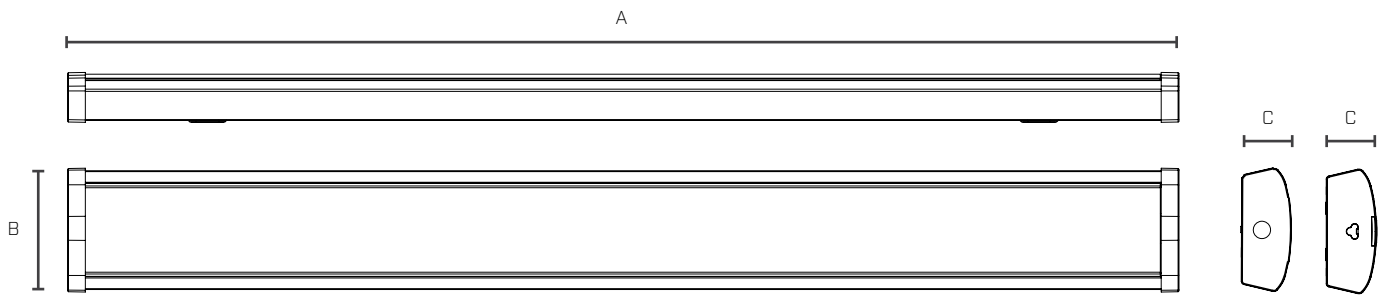
DIMENSIONS AND WEIGHTS

2' [W13GM-24-1-G2],
2' [W13GM-24HO-3C-G2]



	2' [W13GM-24-1-G2]	2' [W13GM-24HO-3C-G2]
A in. [cm]	21 3/8 [54.4]	24 [61]
B in. [cm]	2 1/8 [5.3]	2 1/8 [5.4]
C in. [cm]	5 1/4 [13.5]	5 1/4 [13.5]
Net weight [lbs]	2.65	2.82

4' W13GM-48-2-G3,
4' [W13GM-48PS-32/5C]

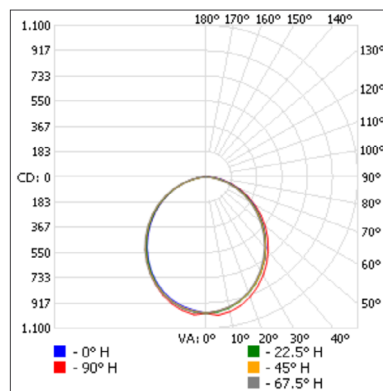


	4' [W13GM-48PS-32/5C]
A in. [cm]	47 5/8 [121.1]
B in. [cm]	5 1/4 [13.5]
C in. [cm]	2 1/8 [5.5]
Net weight [lbs]	4.1

PHOTOMETRIC DATA¹

W13GM-24-1-G2 • 2 682.6 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	752.8	28.1
0-40	1 216.1	45.3
0-60	2 099.5	78.3
60-90	561.3	20.9
70-100	255.9	9.5
90-120	12.4	0.5
0-90	2 660.7	99.2
90-180	21.8	0.8
0-180	2 682.6	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC	BEAM WIDTH
2.0'	247.6
4.0'	61.9
6.0'	27.5
8.0'	15.5
10.0'	9.9

■ Vert. Spread: 103.6° ■ Hor. Spread: 105.8°

¹ Complete IES files available on our website.

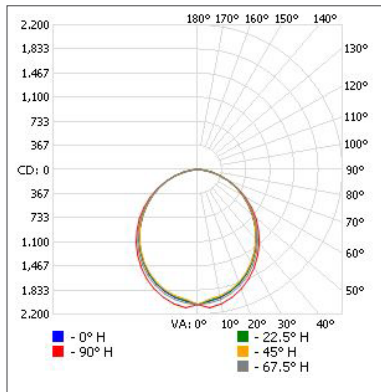
Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.

W13GM

PHOTOMETRIC DATA¹

W13GM-24HD-3C-G2 • 46 W • 4 000 K • 5 495.2 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	1 548.3	28.2
0-40	2 506.7	45.6
0-60	4 337.0	78.9
60-90	1 122.9	20.4
70-100	488.6	8.9
90-120	16.8	0.3
0-90	5 459.9	99.4
90-180	35.4	0.6
0-180	5 495.2	100

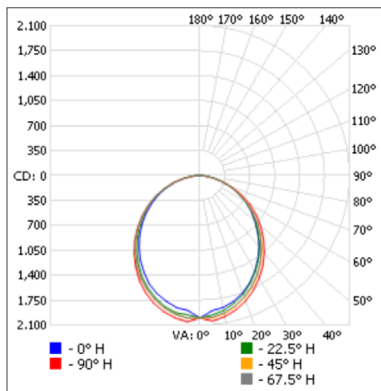
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
2.0'	513	5.0'	5.4'
4.0'	128.2	9.9'	10.7'
6.0'	57	14.9'	16.1'
8.0'	32	19.9'	21.4'
10.0'	20.5	24.9'	26.8'

■ Vert. Spread: 102.4° ■ Hor. Spread: 106.5°

W13GM-48-2-G3 • 44 W • 4 000 K • 5 483.6 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	1 616.8	29.5
0-40	2 584.4	47.1
0-60	4 338.0	79.1
60-90	1 055.6	19.2
70-100	489.9	8.9
90-120	48.4	0.9
0-90	5 393.5	98.4
90-180	90.1	1.6
0-180	5 483.6	100

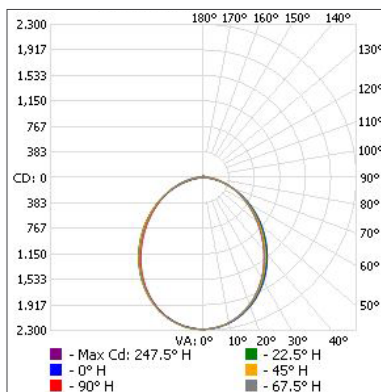
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
2.0'	537.9	4.8'	4.5'
4.0'	134.5	9.6'	9.1'
6.0'	59.8	14.4'	13.6'
8.0'	33.6	19.2'	18.2'
10.0'	21.5	24.0'	22.7'

■ Vert. Spread: 100.3° ■ Hor. Spread: 97.2°

W13GM-48PS-32/5C • 40 W • 4 000 K • 5 815.9 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	1 712.2	29.4
0-40	2 736.3	47
0-60	4 594.4	79
60-90	1 125.3	19.3
70-100	526	9
90-120	53.8	0.9
0-90	5 719.7	98.3
90-180	96.2	1.7
0-180	5 815.9	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
2.0'	570.1	4.8'	4.5'
4.0'	142.5	9.7'	9.1'
6.0'	63.3	14.5'	13.6'
8.0'	35.6	19.4'	18.1'
10.0'	22.8	24.2'	22.6'

■ Vert. Spread: 100.9° ■ Hor. Spread: 97.1°

¹ Complete IES files available on our website.

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.