

Series Spec Sheet

L2WMG CHOICE

LED WRAPAROUND

5 CCT and 3 Power Selectable

The L2WMG 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 AND SPECIFICATIONS

• Construction

Physical Characteristics

- White powder painted steel housing
- Frosted polycarbonate lens for 68663
- Frosted PMMA lens for 70043, 70044 and 70045
- 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 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
- 0-10 V dimming standard
- Surge protection: 1 kV (68663) or 2.5 kV (70043, 70044 and 70045)
- Operating temperature:
 - 20 °C to 50 °C (-4 °F to 122 °F)

• Compliances

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

OVERVIEW

Light source	LED
Watts (W)	23, 44 16/20/24 30/35/40
Lumen output (lm)	1 840-5 200
Efficacy (lm/W)	115-130
Color temperature (K)	4 000 3 000/3 500/4 000/4 500/5 000
CRI	80+



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.

QUICK SHIP AND TECHNICAL SPECIFICATION TABLE

Order code	Model number	Watts (W)	Volts (V AC)	Color temp. (K) ¹	Lumen output (lm)	Efficacy (lm/W)	CRI	Life L70 (hrs) ⁴	Tested hours LM-80 (hrs) ⁴	Dimming (Yes/No)	Power factor	THD (%)	Master case qty
24" Single CCT (Linkable Version)													
68663 ⁷	L2WMG-24-1-G2	23	120-277	4 000	2 695 ²	115	80+	54 000	9 000	Yes ⁵	0.90	12	12
24" CCT and Power Selectable (Hardwire Version)													
70043	L2WMG-24PS-Q/5C/CHOICE	16/20/24	120-347	3 000/3 500/4 000/4 500/5 000	1 840/2 300/2 760 ³	115	80+	102 000	17 000	Yes	0.90	20	4
48" Single CCT (Linkable Version)													
70044	L2WMG-48/CHOICE	44	120-277	4 000	5 060 ²	115	80+	102 000	17 000	Yes ⁶	0.90	20	4
48" CCT and Power Selectable (Hardwire Version)													
70045	L2WMG-48PS-Q/5C/CHOICE	30/35/40	120-347	3 000/3 500/4 000/4 500/5 000	3 900/4 550/5 200 ³	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 based on 4 000 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 Conduit Entry Kit accessory (sold separately).

⁶ Dimming is not available when row mounted using the linkable connectors.

⁷ There are visible differences in the appearance of 68663, compared to the rest of the luminaires in this series.

END CAP VIEW



Linkable Luminaires



Hardwire Luminaires

DLC UNIQUE ID TABLE

Order code	Model number	DLC Premium Unique ID	DLC Standard Unique ID
		Low Bay	Linear Ambient
68663	L2WMG-24-1-G2	-	PWTJBGH7
70043	L2WMG-24PS-Q/5C/CHOICE	-	S-X7JN60
70044	L2WMG-48/CHOICE	-	S-3VD303
70045	L2WMG-48PS-Q/5C/CHOICE	S-5MG780	S-H62T0Y

LUMEN SPECIFICATION TABLE

Order code	Model 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)
70043	L2WMG-24PS-Q/5C/CHOICE	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
70045	L2WMG-48PS-Q/5C/CHOICE	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

70043: 24 W / 4 000 K

70045: 40 W / 4 000 K

ACCESSORIES (order separately)

Order code	Type	Compatible with
68858	Linkable Connector ¹	68663 70044
68859	12" Linkable Cable Connector ²	
68860	48" Linkable Cable Connector	
68861	72" Linkable Cable Connector	
68862	96" Linkable Cable Connector	68663
69762	Conduit Entry Kit for 2 ft ³	

¹ One (1) Linkable Connector is included in the box with 68663 and 70044.

² One (1) 12" Linkable Cable Connector is included in the box with 68663 and 70044.

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)



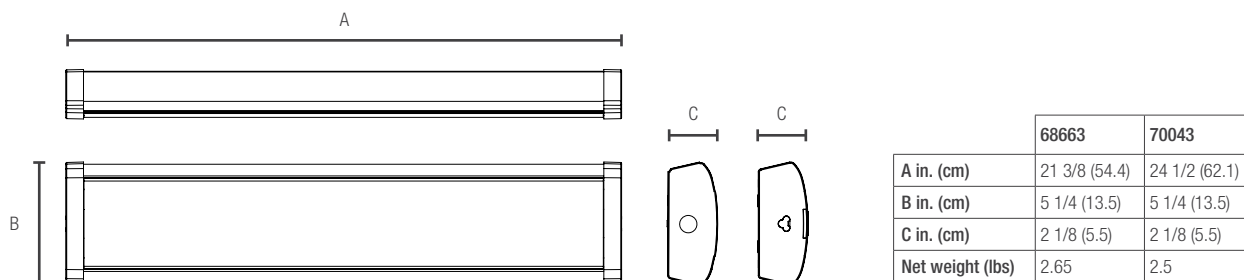
Linkable Connector



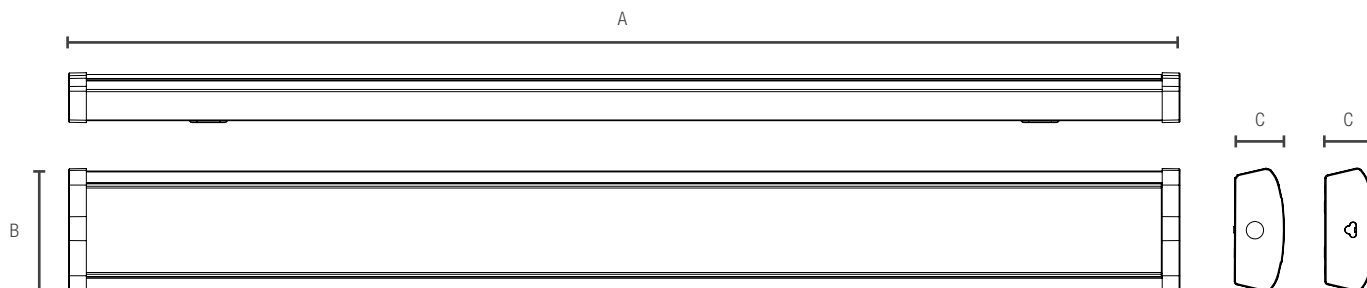
12" Linkable Cable Connector

DIMENSIONS AND WEIGHTS

24"



48"



	70045	70044
A in. (cm)	47 5/8 (121.1)	47 5/8 (121.1)
B in. (cm)	5 1/4 (13.5)	5 1/4 (13.5)
C in. (cm)	2 1/8 (5.5)	2 1/8 (5.5)
Net weight (lbs)	4.1	4.6