

LWR4

LED WRAPAROUND

3 CCT and 3 Power Selectable

The LWR4 is a low profile, surface-mounted fixture with reduced glare. It is styled to reproduce the look of a traditional fluorescent wrap. Featuring a 120-347 V driver with CCT and Power selectable functions, this fixture is ideal for a variety of commercial indoor applications.

FEATURES AND SPECIFICATIONS

• Construction

Physical Characteristics

- White steel housing
- Frosted PMMA lens

Mounting

- Surface

• Performance data

- Available in 3 500/4 000/5 000 K selectable color temperature
- 80+ CRI
- Electrical ratings: 120-347 V
- Estimated life of over 190 000 hours to L70
- 0-10 V dimming standard (dimming range: 10-100 %)
- 2.5 kV surge protection
- Operating temperature: -20 °C to 50 °C (-4 °F to 122 °F)

• Compliances

- cULus listed for damp locations
- DLC Premium and Standard
- Meets requirements of ICES-005 issue 5 class A for use in commercial applications

OVERVIEW

Light source	LED
Watts (W)	22 - 38
Lumen output (lm)	2 970 - 5 320
Efficacy (lm/W)	130 - 146
Color temperature (K)	3 500/4 000/5 000
CRI	80+



quick
ship



dimmable
fixture



damp
location



ICES
005



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) ²⁻³	Efficacy (lm/W)	CRI	Life L70 (hrs) ⁴	Tested hours LM-80 (hrs) ⁴	Dimming (Yes/No)	Power factor	THD (%)	Case qty (master)
70137	LWR4-48PS-Q/3C	22/30/38	120-347	3 500/4 000/5 000	3 212/4 290/5 320	130	80+	190 000	9 000	Yes	0.90	10	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.

DLC UNIQUE ID TABLE

Order code	Model number	DLC Premium Unique ID	DLC Standard Unique ID
		Low Bay	Linear Ambient
70137	LWR4-48PS-Q/3C	S-C5P769	S-8RG1K2

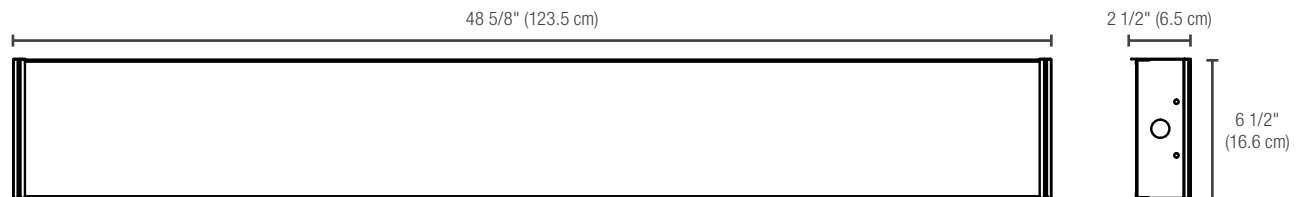
LUMEN SPECIFICATION TABLE

Order code	Model number	Watts (W)	3 500 K		4 000 K		5 000 K	
			Lumen output (lm)	Efficacy (lm/W)	Lumen output (lm)	Efficacy (lm/W)	Lumen output (lm)	Efficacy (lm/W)
70137	LWR4-48PS-Q/3C	22	2 970	135	3 212	146	2 992	136
		30	3 990	133	4 290	143	3 990	133
		38	4 940	130	5 320	140	4 940	130

DEFAULT PROGRAMMING

38 W / 4 000 K

DIMENSIONS AND WEIGHTS

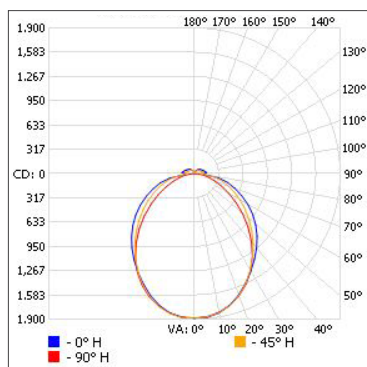


Net weight (lbs)	6.1
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PHOTOMETRIC DATA¹

70137 • LWR4-48PS-Q/3C • 38 W • 4 000 K • 5 247.6 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1 410.5	26.9
0-40	2 248.3	42.8
0-60	3 796.5	72.3
60-90	1 069.0	20.4
70-100	615.5	11.7
90-120	259.6	4.9
0-90	4 865.4	92.7
90-180	382.2	7.3
0-180	5 247.6	100

Illuminance at a distance

Center beam fc	Beam width
2.0'	471.1
4.0'	117.8
6.0'	52.3
8.0'	29.4
10.0'	18.8

Beam width	Vert. spread	Horiz. spread
5.6'	4.3'	
11.2'	8.5'	
16.8'	12.8'	
22.4'	17.1'	
28.1'	21.3'	

■ Vert. spread: 109.0°
■ Horiz. spread: 93.7°

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.