

Series Spec Sheet

L3FRM

LED FRAME LIGHT

5 CCT and 5 Power Selectable

The L3FRM series redefines recessed commercial lighting by offering a modern and subdued lighting solution, all within a sleek and pre-assembled frame design. These innovative luminaires can elevate the look of a wide variety of applications such as offices, hospitality and retail spaces.

FEATURES AND SPECIFICATIONS

• Construction

Physical Characteristics

- Pre-assembled and lightweight aluminum frame design for easy installation
- Frosted polycarbonate lens
- Remote driver mounts onto the T-grid using the integrated clips
- CCT and Power Selectable switches are conveniently placed on the remote driver

Mounting

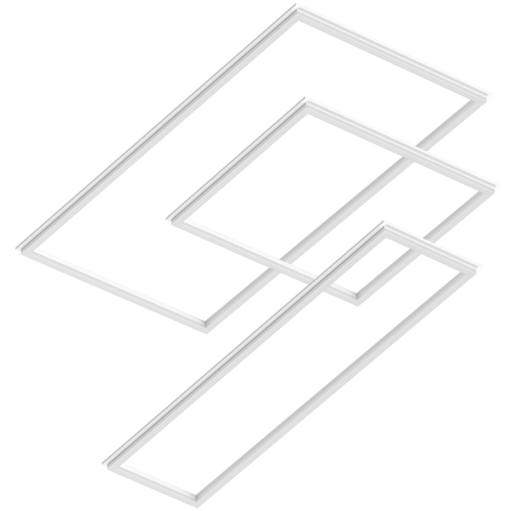
- Recessed on T-grid
- Existing ceiling tile rests on the backside of the luminaire - no tile cutting required!

• Performance data

- Available in 3 000/3 500/4 000/5 000/6 500 K selectable color temperature
- 80+ CRI
- Electrical ratings: 120-347 V
- Estimated life of over 100 000 hours to L70
- 0-10 V dimming standard (0%-100%)
- 2 kV surge protection
- Operating temperature: -20 °C to 45 °C (-4 °F to 113 °F)

• Compliances

- UL listed for Canada and USA for damp locations
- IC Rated
- DLC Premium
- Meets requirements of ICES-005 issue 5 class B for use in residential applications



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.

OVERVIEW

Light source	LED
Watts (W)	20/25/30/35/40 30/35/40/45/50
Lumen output (lm)	2 567 - 6 460
Efficacy (lm/W)	127 - 133
Color temperature (K)	3 000/3 500/4 000/5 000/6 500
CRI	80+

QUICK SHIP AND TECHNICAL SPECIFICATION TABLE ☺

Order code	Model number	Watts (W)	Volts (VAC)	Color temp. (K) ¹	Lumen output (lm) ²	Efficacy (lm/W)	CRI	Life L70 (hrs) ³	Tested hours LM-80 (hrs) ²	Dimming (Yes/No)	Power factor	THD (%)	Master case qty ⁴
1'x4'													
70549	L3FRM-1LPS40-Q/5C	20/25/30/35/40	120-347	3 000/3 500/4 000/5 000/6 500	2 607/3 225/3 842/4 397/4 975	130	80+	>100 000	9 000	Yes	0.90	<20	2
2'x2'													
70550	L3FRM-2LPS40-Q/5C	20/25/30/35/40	120-347	3 000/3 500/4 000/5 000/6 500	2 620/3 234/3 954/4 385/4 942	132	80+	>100 000	9 000	Yes	0.90	<20	2
2'x4'													
70551	L3FRM-4LPS50-Q/5C	30/35/40/45/50	120-347	3 000/3 500/4 000/5 000/6 500	3 750/4 213/4 883/5 272/5 882	133	80+	>100 000	9 000	Yes	0.90	<20	2

¹ Typical color temperature range: +/- 5 %.² Lumen values are based on 4 000 K default programming. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.³ Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations.⁴ Standard packaging is 2 luminaires per master case without individual box.

DLC UNIQUE ID TABLE

Order code	Model number	DLC Premium Unique ID	
		Ambient Lighting	Low-Bay
70549	L3FRM-1LPS40-Q/5C	S-1NTP3H	S-Z25LF1
70550	L3FRM-2LPS40-Q/5C	S-HH4D7Y	S-KD1MJX
70551	L3FRM-4LPS50-Q/5C	S-NCYKQ4	S-L886TK

LUMEN SPECIFICATION TABLE

Order code	Model number	Watts (W)	3 000 K		3 500 K		4 000 K		5 000 K		6 500 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)
70549	L3FRM-1LPS40-Q/5C	20	2 567	129	2 588	130	2 607	131	2 623	132	2 644	133
		25	3 187	129	3 205	130	3 225	131	3 242	132	3 257	132
		30	3 782	129	3 814	129	3 842	130	3 866	131	3 893	132
		35	4 340	128	4 369	129	4 397	129	4 424	130	4 447	131
		40	4 779	130	4 979	128	4 975	128	5 151	130	5 078	130
70550	L3FRM-2LPS40-Q/5C	20	2 574	129	2 600	130	2 620	131	2 639	132	2 660	133
		25	3 187	129	3 210	130	3 234	131	3 256	132	3 276	133
		30	3 764	128	3 802	129	3 954	131	3 914	131	3 917	132
		35	4 320	127	4 352	128	4 385	129	4 411	130	4 424	130
		40	5 310	133	4 904	126	4 942	127	4 978	128	5 012	129
70551	L3FRM-4LPS50-Q/5C	30	3 704	128	3 727	128	3 750	129	3 779	130	3 779	131
		35	4 216	128	4 345	129	4 213	129	4 238	129	4 260	130
		40	4 689	126	4 924	129	4 883	129	4 837	129	4 851	130
		45	5 200	126	5 200	126	5 272	127	5 300	127	5 317	128
		50	6 460	131	5 905	126	5 882	127	5 893	126	5 924	127

DEFAULT PROGRAMMING

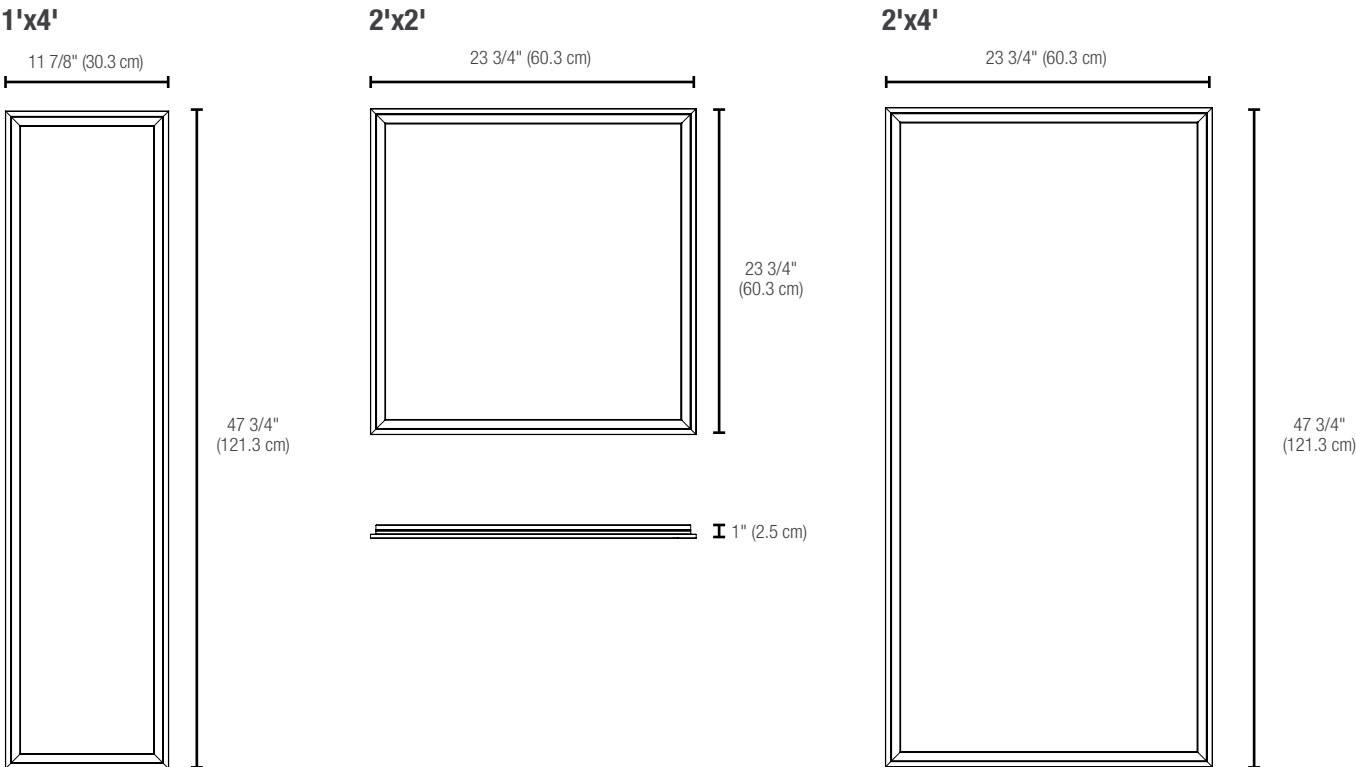
70549: 40 W / 4 000 K

70550: 40 W / 4 000 K

70551: 50 W / 4 000 K

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. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.

DIMENSIONS AND WEIGHTS



	1'x4'	2'x2'	2'x4'
Net weight (lbs)	2.5	2.2	2.6

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