

## 1x4 Panel Light Series



ProLED® 1x4 Panel Lights are energy efficient alternatives - only 30W delivering up-to 3150 lumens - to Linear Fluorescent recessed fixtures. Our direct backlit design coupled with superior LED technology delivers consistent color and CRI for a uniform installation and improves lumen maintenance for long useful rated life. ProLED 1x4 Panel Light offers 0-10V dimming standard with low voltage leads supplied in the remote driver. Applications include offices, conference rooms, hallways, schools, healthcare, hospitality and retail. ProLED Panel Light Series is backed by a 10-Year Warranty.

### Performance Specifications

<b>CRI</b> _____	82	<b>Min. Start Temp.</b> _____	-20°C (-40°F)
<b>Rated Life</b> _____	75,000 hour life	<b>Max. Operating Temp.</b> _____	40°C (104°F)
<b>Watt</b> _____	30W	<b>Power Factor</b> _____	>92%
<b>Lumens</b> _____	3000 (3500K), 3150 (4000K), 3150 (5000K)	<b>THD</b> _____	<20%
<b>Lumens per Watt (LPW)</b> _____	100 (3500K), 104 (4000K), 105 (5000K)	<b>Warranty</b> _____	10-year Limited
<b>Input Line Voltage</b> _____	120-277V	<b>Control</b> _____	0-10V Dimmable
<b>Input Line Frequency</b> _____	60 Hz	<b>Weight</b> _____	9.5 lbs.

### Energy Savings

System	Ballast Factor	System Wattage	Replacement LED	Wattage	Energy Savings
2 Lamp F32T8	0.88	59	14FPL30/8XX/LED	30	40.7%

### Construction

- Direct backlit design for uniform light distribution
- Premium milk white lens for smooth, even light distribution
- Powder coated, stamped steel housing
- Remote driver enclosure with multiple 3/4" knockouts for easy access
- Lightweight 9.5 lbs. construction
- Rated for dry locations
- Rated for non-IC applications

### Installation

- Fast access terminal block for easy thru-wire
- Remote mount driver housing with 12" flexible cord
- Designed for recessed installation in suspended T-grid ceilings
- Lay in or suspended mounting

### Electrical

- ETL Listed for wet locations
- 0-10V dimming standard\*
- 120V-277V input range
- Power Factor >90%
- 60 Hz input frequency
- 0.31A @ 120V / 0.13A @ 277V

\* It is recommended that no more than 20 fixtures be installed per dimming circuit, and that the fixtures are located no more than 60 feet apart. This load quantity may vary based on the dimming system used.

### Ordering Information

Watt	Product #	Product Code	Volts	Color Temp.	CRI	Lumen Output	Useful Life*	Beam Spread	Dimmable	DLC Listed	Equivalent Wattage
30	81917	14FPL30/835/LED	120~277V	3500K	82	3000	75,000	120°	0-10V	Yes	(2) 32W
30	81908	14FPL30/840/LED	120~277V	4000K	82	3150	75,000	120°	0-10V	Yes	(2) 32W
30	81909	14FPL30/850/LED	120~277V	5000K	82	3150	75,000	120°	0-10V	Yes	(2) 32W

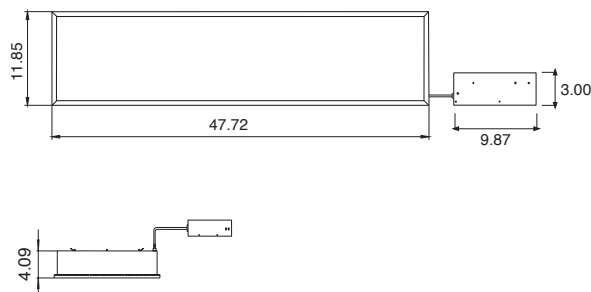
\* Useful Life is defined as the point in time at which the lamp will maintain at least 70% of its initial lumens. The lamp will continue to operate past this point at decreased light levels. May not be compatible with all dimming systems, dimming performance may vary by system.

\*\* Check the latest update at [www.DesignLights.org](http://www.DesignLights.org) for listed product catalog numbers. Not all versions are listed.

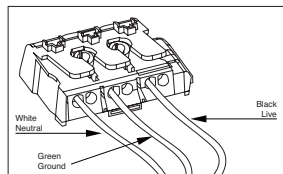
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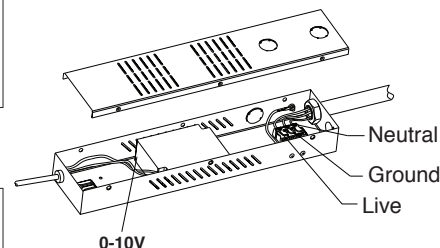
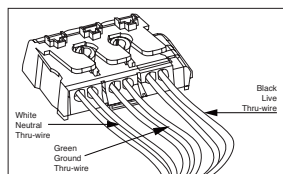
## Dimensions



## Wiring Diagram

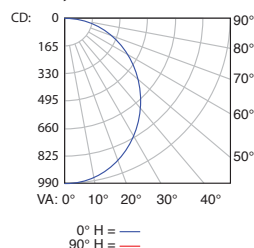


### Thru-wire



## Photometrics

### 81917, 14FPL30/835/LED



### LUMENS PER ZONE

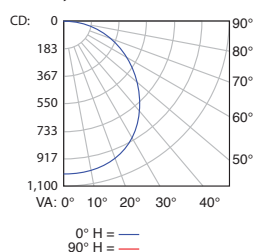
ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	93.2	3.3%	90-100	4.1	0.1%
10-20	266.1	9.5%	100-110	1.3	0%
20-30	401.3	14.3%	110-120	1.1	0%
30-40	481.1	17.2%	120-130	1.1	0%
40-50	496.7	17.7%	130-140	0.9	0%
50-60	447.5	16.0%	140-150	0.9	0%
60-70	342.2	12.2%	150-160	0.8	0%
70-80	200.5	7.2%	160-170	0.6	0%
80-90	62.2	2.2%	170-180	0.2	0%

### ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	760.7	27.1%	27.1%
0-40	1,241.8	44.3%	44.3%
0-60	2,186.0	77.9%	78%
60-90	604.9	21.6%	21.6%
70-100	266.9	9.5%	9.5%
90-120	6.6	0.2%	0.2%
0-90	2,790.9	99.5%	99.6%
90-180	11.1	0.4%	0.4%
0-180	2,802.0	99.9%	100%

Total Luminaire Efficiency = 100.00%

### 81908, 14FPL30/840/LED



### LUMENS PER ZONE

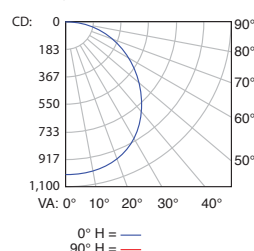
ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	96.6	3.3%	90-100	3.9	0.1%
10-20	275.6	9.5%	100-110	1.4	0%
20-30	415.4	14.3%	110-120	1.2	0%
30-40	497.7	17.2%	120-130	1.1	0%
40-50	513.5	17.7%	130-140	1.0	0%
50-60	462.4	16.0%	140-150	1.0	0%
60-70	352.7	12.2%	150-160	0.9	0%
70-80	206.6	7.1%	160-170	0.6	0%
80-90	63.4	2.2%	170-180	0.2	0%

### ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	787.6	27.2%	27.2%
0-40	1,285.3	44.3%	44.4%
0-60	2,261.2	78%	78.1%
60-90	622.8	21.5%	21.5%
70-100	274.0	9.5%	9.5%
90-120	6.6	0.2%	0.2%
0-90	2,883.9	99.5%	99.6%
90-180	11.4	0.4%	0.4%
0-180	2,895.4	99.9%	100%

Total Luminaire Efficiency = 100.00%

### 81909, 14FPL30/850/LED



### LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	95.3	3.3%	90-100	3.8	0.1%
10-20	272.1	9.5%	100-110	1.4	0%
20-30	410.3	14.3%	110-120	1.2	0%
30-40	492.1	17.2%	120-130	1.1	0%
40-50	508.1	17.7%	130-140	0.9	0%
50-60	458.1	16.0%	140-150	0.9	0%
60-70	350.3	12.2%	150-160	0.9	0%
70-80	205.7	7.2%	160-170	0.6	0%
80-90	63.5	2.2%	170-180	0.2	0%

### ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	777.7	27.1%	27.1%
0-40	1,269.8	44.2%	44.3%
0-60	2,236.0	77.9%	78%
60-90	619.6	21.6%	21.6%
70-100	273.0	9.5%	9.5%
90-120	6.4	0.2%	0.2%
0-90	2,855.6	99.5%	99.6%
90-180	11.1	0.4%	0.4%
0-180	2,866.7	99.9%	100%

Total Luminaire Efficiency = 100.00%