

STRP4

4.25 Inch LED Strip Luminaire



MECHANICAL

- Die-formed, cold-rolled steel with high-reflectance, baked enamel finish.
- End plate doubles as a coupler/alignment device for continuous row mounting applications
- Diffuse, acrylic lens available as an accessory

APPLICATION

- For use in indoor, non-condensing & non-corrosive environments
- Warehouses, factories, utility areas, etc.

WARRANTY

- Five year limited warranty

ELECTRICAL

- 120-277 VAC, 50/60 Hz

LIGHT ENGINE

Universal Lighting Technologies

- EVERLINE® LED driver & high-efficacy LED modules

CONTROLS

- 0-10V LED driver standard, dimming to 1%
- Integrated occupancy and daylight sensor options

CERTIFICATIONS

- ETL Certified for US & Canada application
- Select models (identified below) are DesignLights Consortium® qualified. Consult www.designlights.org/QPL for details.

ORDERING GUIDE

EXAMPLE: STRP448-48W840-U

Ordering Information									
Series	Format	-	Watts	W	CRI	Color Temp.	-	Voltage	-
STRP4 = 4.25 Inch, Strip Style Luminaire	24 in	-	18 ¹ 24 ⁴ 28 ¹	W	8 = 80 (minimum)	30 = 3000K 35 = 3500K 40 = 4000K 50 = 5000K (Nominal)	-	U = 120-277 VAC 50/60 Hz	-
	48 in	-	24 ⁴ 35 ² 48 ⁵ 57 ²						
	96 in	-	48 ⁵ 70 ³ 97 ³ 114 ³						
Options									
LNPL ⁷ = Lens plates (longer end plates to accommodate a separately purchased lens) WP = 6 FT, 3 Wire, whip C6F ⁶ = 6 FT cord set EM ⁵ = Backup battery pack OS = PIR on/off occupancy sensor ODS = PIR occupancy & photo sensor with on/off & dimming control									

ORDERING NOTES:

1. 24 inch length only
2. 48 inch length only
3. 96 inch length only
4. 24 & 48 inch lengths only
5. 48 & 96 inch lengths only
6. For use on 120VAC systems only
7. Fixtures with the LNPL option do not come equipped with standard end plates (which can be used for alignment). For continuous row mounting of fixtures with lenses, order standard fixtures, matching lenses (see below) and as many STRP4-ACC-LNPL accessories (see below) as needed to finish the rows.

PERFORMANCE DATA

EXAMPLE: STRP448-48W840-U

Format	Watts		Delivered Lumens	LPW	Input Amps		PF	ThD
	Nominal	Measured			120V	277V		
24 in	18	18.6	2,590	139	0.16	0.07	> 0.90	< 20%
	24	24.0	3,355	140	0.20	0.09	> 0.90	< 20%
	28	28.0	3,705	132	0.24	0.11	> 0.90	< 20%
48 in	24	23.9	3,475	145	0.20	0.09	> 0.90	< 20%
	35	35.0	4,920	141	0.30	0.13	> 0.90	< 20%
	48	48.0	6,475	135	0.41	0.18	> 0.90	< 20%
96 in.	57	59.0	7,755	131	0.50	0.23	> 0.90	< 20%
	48	48.0	6,475	135	0.41	0.18	> 0.90	< 20%
	70	70.0	9,840	141	0.60	0.27	> 0.90	< 20%
	97	97.0	12,950	134	0.82	0.37	> 0.90	< 20%
	114	117.7	15,510	131	1.00	0.45	> 0.90	< 20%

PERFORMANCE NOTES:

- Nominal delivered lumens data provided for 4000K model at 25°C
- Multiply Delivered Lumens & LPW by 0.95 for 3000K, 0.97 for 3500K or 1.03 for 5000K.
- Multiply Delivered Lumens & LPW by 0.90 when used with lens
- Specifications subject to change without notice

DIMENSIONS (in)

PACKAGED DIMENSIONS (in)				
Format	L	W	H	lb
24 in	25	5.25	2.50	4
48 in	49	5.25	2.50	8
96 in	97	5.25	2.50	16

Nominal Dimensions

PRODUCT ENVELOPE (in)			
Format	L	W	H
24in	24	4.25	2.00
48in	48	4.25	2.00
96in	96	4.25	2.00

Nominal Dimensions

ACCESSORIES	
STRP4-ACC-WG4	4-Ft Wire guard
STRP4-ACC-LEN2	2-Ft Lens
STRP4-ACC-LEN4	4-Ft Lens
STRP4-ACC-LEN8	8-Ft Lens
STRP4-ACC-PNDKIT	2ps V-Hook & 2pc 2-Ft Chain
STRP4-ACC-LNPL	2pc Lens plates

LUMEN MAINTENANCE	
Reported per TM-21	L75 > 60,000 hrs
Calculated L70	L70 > 85,000 hrs



DESIGNLIGHTS CONSORTIUM® QPL LISTED PRODUCTS



Model Number
STRP424-18W830-U*
STRP424-18W835-U*
STRP424-18W840-U*
STRP424-18W850-U*

Model Number
STRP424-24W830-U*
STRP424-24W835-U*
STRP424-24W840-U*
STRP424-24W850-U*

Model Number
STRP424-28W830-U*
STRP424-28W835-U*
STRP424-28W840-U*
STRP424-28W850-U*

Model Number
STRP448-24W830-U**
STRP448-24W835-U**
STRP448-24W840-U**
STRP448-24W850-U**

Model Number
STRP448-35W830-U**
STRP448-35W835-U**
STRP448-35W840-U**
STRP448-35W850-U**

Model Number
STRP448-48W830-U**
STRP448-48W835-U**
STRP448-48W840-U**
STRP448-48W850-U**

Model Number
STRP448-57W830-U**
STRP448-57W835-U**
STRP448-57W840-U**
STRP448-57W850-U**

Model Number
STRP496-48W830-U***
STRP496-48W835-U***
STRP496-48W840-U***
STRP496-48W850-U***

Model Number
STRP496-70W830-U***
STRP496-70W835-U***
STRP496-70W840-U***
STRP496-70W850-U***

Model Number
STRP496-97W830-U***
STRP496-97W835-U***
STRP496-97W840-U***
STRP496-97W850-U***

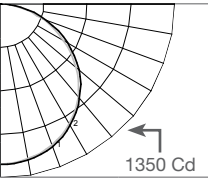
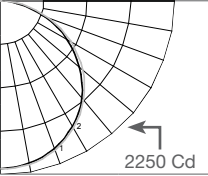
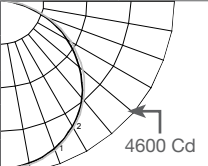
Model Number
STRP496-114W830-U***
STRP496-114W835-U***
STRP496-114W840-U***
STRP496-114W850-U***

* With and without STRP4-ACC-LEN2 accessory

** With and without STRP4-ACC-LEN4 accessory

*** With and without STRP4-ACC-LEN8 accessory

PHOTOMETRIC DATA

LUMINANCE (cd/m2)				ZONAL LUMENS			CANDELA PLOT		SPACING CRITERIA		
Vert Angle	At 0° Horiz	At 45° Horiz	At 90° Horiz	Zone	Lumens	% Fixture	Angles	10°	And Efficacy Values		
STRP424-28W840-U											
45°	17883	17746	17667	0-20	467	12.6%			Along	1.28	
55°	17434	17257	17026	0-40	1639	44.2%			Across	1.28	
65°	46329	16047	15752	0-60	2927	79.0%			Lumens	3705	
75°	13754	13298	13150	0-90	3705	100.0%			Watts	28	
85°	7213	7561	7459	0-180	3705	100.0%		1350 Cd	Lm/W	132	
STRP448-48W840-U											
45°	15626	15506	15437	0-20	816	12.6%			Along	1.28	
55°	15233	15079	14877	0-40	2865	44.2%			Across	1.28	
65°	14268	14022	13764	0-60	5116	79.0%			Lumens	6475	
75°	12010	11619	11490	0-90	6475	100.0%			Watts	48	
85°	6303	6607	6517	0-180	6475	100.0%		2250 Cd	Lm/W	135	
STRP496-97W840-U											
45°	15626	15507	15437	0-20	1631	12.6%			Along	1.28	
55°	15234	15079	14877	0-40	5730	44.2%			Across	1.28	
65°	14268	14022	13764	0-60	10232	79.0%			Lumens	12950	
75°	12011	11620	11491	0-90	12950	100.0%			Watts	97	
85°	6303	6607	6517	0-180	12950	100.0%		4600 Cd	Lm/W	134	

OS CONTROL OPTION

DESCRIPTION

PIR motion detector turns light on when occupancy is detected and turns light off, after a time delay, when no occupancy is detected. Comes with two interchangeable lenses for use at different mounting heights from 8 to 40 ft.

ELECTRICAL

Three-wire connection: Line, Load & Neutral

Voltage: 120-277 VAC, 50/60 Hz

Power draw: 0.13/0.45 Watt at 120/277 VAC (Standby)

SETTINGS

Time Delay: 30 sec to 20 minutes; delays turn-off after occupancy is no longer sensed.

Coverage: Supplied with two interchangeable lenses for 360° coverage at various mounting heights:

High Bay Lens: ~60 ft (dia.) at 40 ft mounting height

Low Bay Lens: ~60 ft (dia.) at 20 ft mounting height

FACTORY DEFAULTS

Time Delay: 3 min.

MANUFACTURER/PRODUCT

Leviton/OSFLA

ODS CONTROL OPTION

DESCRIPTION

PIR motion detector turns light on when occupancy is detected and turns light off, after a time delay, when no occupancy is detected. Internal photocell dims luminaire and reduces power consumption when adequate natural light is present.

ELECTRICAL

Five-wire connection: Line, Load, Neutral, Dim(+) & Dim(-)

Voltage: 120-277 VAC, 50/60 Hz

Dimming: 0-10V control signal

SETTINGS

Time delay: 30 sec to 30 minutes; delays turn-off after occupancy is no longer sensed.

Photo control: Continuous dimming daylight harvesting with adjustable set point.

Coverage: Supplied with two interchangeable lenses for 360° coverage at various mounting heights:

High Mount Lens: ~50 ft (dia.) at 45 ft mtg ht. (Recommended for 15 - 45 ft)

Low Mount Lens: ~50 ft (dia.) at 9 ft mtg ht. (Recommended for 7 - 15 ft)

FACTORY DEFAULTS

Time delay: 5 min

Photo control set point: 4 fc (at sensor)

MANUFACTURER/PRODUCT

Sensor switch/LSXR - ADC