



STR : LINEAR STRIP

FEATURES

- Available in 2 ft, 4 ft, and 8 ft versions
- One for one alternative LED solution to fluorescent strip luminaires
- PowerSet feature allows for multiple “set and forget” lumen stops in each fixture
- FieldCCeT feature allows for multiple “set and forget” CCT options in each fixture
- Continuous dimming to 10%

LISTINGS

- UL Listed for dry/damp locations
- DesignLights Consortium® Qualified - meets DLC requirements for efficacy and lumen maintenance

PERFORMANCE

- Rated lifetime L90: >36,000 hours
- PowerSet: 2': 24/20/16W, 4': 45/38/34W, or 8': 90/75/65W
- 3500K, 4000K, 5000K, or FieldCCeT 35/40/5000K selectable CCT
- CRI: 80+

THERMAL

- -4°F to 122°F (-20°C to 50°C) operating temperature

ELECTRICAL

- Input voltage: 120-277V
- Dimmable power supply (0-10V dimming)
- Power Factor: >0.9
- THD: <20%

CONSTRUCTION

- Powder coated steel construction
- Extruded acrylic lens provides even illumination and resists yellowing

WARRANTY

- 5 year limited warranty; see eiko.com for warranty details
- Additional warranty options available; consult EiKO for details

project name	type
catalog number	
comments	voltage
approved by	date



APPLICATIONS

- Storage areas
- Utility areas
- Coves
- Display cases
- Retail
- Task lighting
- General area lighting



ORDERING INFORMATION

EXAMPLE: STR8-60/D0/840-U-D

Model	Length	Package	CRI/CCT	Voltage	Dimming	Options
STR : LED Linear Strip	2 - 2 ft	PS24 - 24/20/16W	835 - 80 CRI; 3500K	U - 120-277V	D - 0-10V Dimming	Additional fixture options available; see chart on p. 2
	4 - 4 ft	PS45 - 45/38/34W	840 - 80 CRI; 4000K			
	8 - 8 ft	PS90 - 90/75/65W	850 - 80 CRI; 5000K FCCT - FieldCCeT 35/40/5000K			

PERFORMANCE SUMMARY

Order Code	Item #	Length	Watts	Nominal Lumens	CCT	CRI	Volts	Dimming	DLC
11316	STR2/PS24/835/UD	2'	24W/20W/16W	3,100/2,600/2,100	3500K	80+	120-277V	0-10V	✓
11317	STR2/PS24/840/UD	2'	24W/20W/16W	3,100/2,600/2,100	4000K	80+	120-277V	0-10V	✓
11318	STR2/PS24/850/UD	2'	24W/20W/16W	3,100/2,600/2,100	5000K	80+	120-277V	0-10V	✓
11016	STR4/PS45/835/UD	4'	45W/38W/34W	6,000/5,100/4,650	3500K	80+	120-277V	0-10V	✓
11017	STR4/PS45/840/UD	4'	45W/38W/34W	6,000/5,100/4,650	4000K	80+	120-277V	0-10V	✓
11018	STR4/PS45/850/UD	4'	45W/38W/34W	6,000/5,100/4,650	5000K	80+	120-277V	0-10V	✓
11019	STR4/PS45/FCCT/UD	4'	45W/38W/34W	6,000/5,100/4,650	35/40/5000K	80+	120-277V	0-10V	✓
11020	STR8/PS90/835/UD	8'	90W/75W/65W	11,800/10,100/9,000	3500K	80+	120-277V	0-10V	✓
11021	STR8/PS90/840/UD	8'	90W/75W/65W	11,800/10,100/9,000	4000K	80+	120-277V	0-10V	✓
11022	STR8/PS90/850/UD	8'	90W/75W/65W	11,800/10,100/9,000	5000K	80+	120-277V	0-10V	✓
11023	STR8/PS90/FCCT/UD	8'	90W/75W/65W	11,800/10,100/9,000	35/40/5000K	80+	120-277V	0-10V	✓

AVAILABLE ACCESSORIES

Order Code	Item #	Description
09823	STR-LCK	LED Strip, Linear Connection Kit
09788	STR-4-WG-W	Wire Guard, 4 ft. LED Strip, White
10357	STR8-WG-W	Wire Guard 8 ft LED Strip, White
10713	STR-V HOOK	V-Hooks for STR Fixtures
10892	STR-SMJB	STR Side Mount J-Box

ADDITIONAL FACTORY INSTALLED OPTIONS

EXAMPLE: STR4/PS45/840/UD-S1A

S1A - SEN-S1A-KO Sensor

3A - SEN-3A-KO Sensor

3AA - SEN-3AA-KO Sensor

3B - SEN-3B-KO Sensor

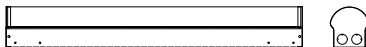
EM8W - 8W Emergency Battery

EM15W - 15W Emergency Battery

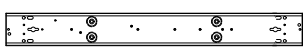
EM20W - 20W Emergency Battery

DIMENSIONS

3.53"/
89.6mm



2.76"
70.2mm



25.87"/657.2mm

2' STR

3.56"/
90.4mm



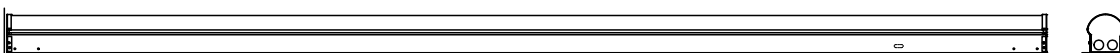
3.35"/
85.2mm



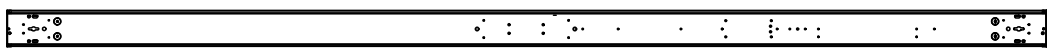
48"/1219.6mm

4' STR

3.56"/
90.4mm



3.35"/
85.2mm



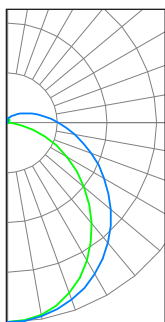
96"/2439.2mm

8' STR

PHOTOMETRICS

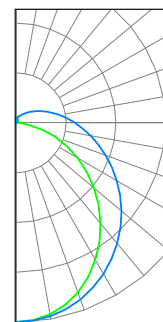
STR2/PS24/840/UD (Typical performance @24W, 4000K)

ZONAL LUMEN SUMMARY		
Zone	Lumens	%Fixture
0-20	335.76	10.3%
0-30	709.17	21.9%
0-40	1155.29	35.6%
0-60	2045.62	63.0%
0-80	2676.37	82.5%
0-90	2866.75	88.3%
90-180	378.48	11.7%
0-180	3245.23	100%



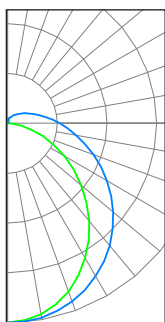
STR4/PS45/840/UD (Typical performance @45W, 4000K)

ZONAL LUMEN SUMMARY		
Zone	Lumens	%Fixture
0-20	623.04	10.1%
0-30	1315.34	21.2%
0-40	2143.6	34.6%
0-60	3811.17	61.5%
0-80	5025.43	81.1%
0-90	5404.63	87.2%
90-180	790.94	12.8%
0-180	6195.57	100%



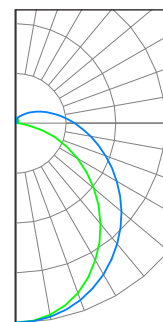
STR4/PS45/FCCT/UD (Typical performance @45W, 4000K)

ZONAL LUMEN SUMMARY		
Zone	Lumens	%Fixture
0-20	672.10	10.4%
0-30	1419.33	22.0%
0-40	2312.26	35.8%
0-60	4093.55	63.4%
0-80	5344.79	82.8%
0-90	5715.29	85.9%
90-180	738.09	11.4%
0-180	6453.37	100%



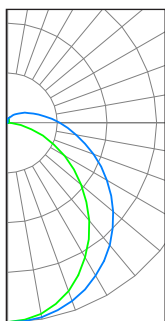
STR8/PS90/840/UD (Typical performance @90W, 4000K)

ZONAL LUMEN SUMMARY		
Zone	Lumens	%Fixture
0-20	1218.92	10.1%
0-30	2573.33	21.2%
0-40	4193.74	34.6%
0-60	7456.17	61.5%
0-80	9831.74	81.1%
0-90	10573.62	87.2%
90-180	1547.4	12.8%
0-180	12121.01	100%



STR8/PS90/FCCT/UD (Typical performance @90W, 4000K)

ZONAL LUMEN SUMMARY		
Zone	Lumens	%Fixture
0-20	1315.97	10.4%
0-30	2779.05	22.0%
0-40	4527.42	35.8%
0-60	8015.17	63.4%
0-80	10465.09	82.8%
0-90	11190.52	88.6%
90-180	1445.18	11.4%
0-180	12635.7	100%



SCALING FACTORS

POWERSET		FIELDCCET			
FIXTURE	WATTS	3000K 4000K 5000K	3500K	4000K	5000K
2'	24	1.00	N/A		
	20	0.87			
	16	0.69			
4'	45	1.00	0.93	1.00	0.96
	38	0.88	0.81	0.87	0.83
	34	0.80	0.73	0.78	0.75
8'	90	1.00	0.93	1.00	0.96
	75	0.88	0.81	0.87	0.83
	65	0.80	0.73	0.77	0.74