

Metalux AP Series

DESCRIPTION

SLSTP is our newest lensed LED striplight series. This new low profile, high quality luminaire offering the latest solid state lighting and electronic driver technology for optimal performance and energy efficiency. With it's low profile design, this series is an ideal solution for size restricted spaces while meeting traditional requirements for single or continuous row applications.

The SLSTP is an excellent solution for commercial, industrial, retail and residential applications, whether for new construction or simply fluorescent retrofit replacement.

SPECIFICATION FEATURES

Construction

Fixture channel, cover and end plates are formed from cold rolled steel and offer a clean aesthetic while offering all of the features that customers need for installation. This product series is offered post painted for ease of handling. Decorative end caps snap-on for an improved aesthetic finish. This product series is suitable for either single or continuous row applications.

Controls

Equipped standard with a 0-10V continuous dimming driver that works with any standard 0-10V control/dimmer. Dimming range is 10% to 100%; varies by control device. Combine with energy saving products like occupancy sensors, daylighting controls, and lighting relay panels to maximize energy savings.

Electrical

Long-Life LED system coupled with an energy-efficient electronic driver either UNV (120-277V), 0-10V or 120V triac delivers optimal lighting performance. Both drivers offer smooth dimming and are capable with a number of residential and commercial dimmers. See dimmer compatibility. LED's CCT are 4000K with a CRI ≥ 80. Projected life is 50,000 hours at 70% lumen output.

Finish

Post painted with high reflective paint – standard.

Shielding

SLSTP offers a frost lens. Additionally, decorative end caps are provided for single and end of the row applications.

Installation

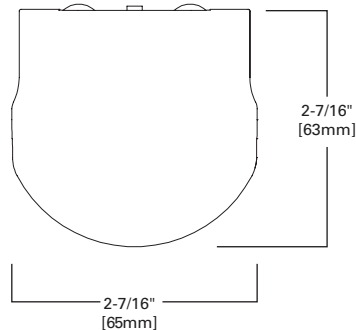
Fixture may be surface, pendant, stem or wall mounted. See accessories below in ordering information.

Compliance

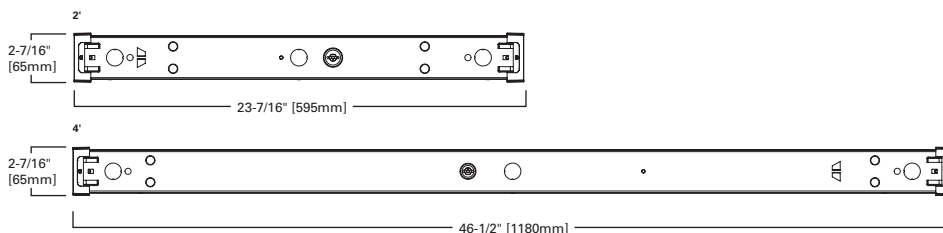
Components are UL/CUL recognized. Product is damp location listed. Indoor luminaires are CSA listed for 40°C ambient environments, RoHS compliant, and comply with IESNA LM-79. LEDs comply with LM-80 standards.

Warranty

Five-year warranty.



MOUNTING DATA



SLSTP Series Catalog Number	Product Description Short Spec	Unit UPC	MC Qty.	I2 of 5
4SLSTP4040DD-UNV	4 ft. LED Striplight, 4000 lum, UNV	080083705825	2	10080083705822
2SLSTP2040DD-120V	2 ft. LED Striplight, 2000 lum, 120V	080083705788	2	10080083705785
2SLSTP1040DD-120V	2 ft. LED Striplight, 1000 lum, 120V	080083705771	2	10080083705778
4SLSTP2040DD-120V	4 ft. LED Striplight, 2000 lum, 120V	080083705795	2	10080083705792
4SLSTP4040DD-120V	4 ft. LED Striplight, 4000 lum, 120V	080083705801	2	10080083705808
4SLSTP2040DD-UNV	4 ft. LED Striplight, 2000 lum, UNV	080083705818	2	10080083705815



SLSTP LENSED LED

Lensed LED Striplight

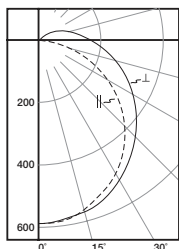


LINEAR DISCONNECT

Safe and convenient means of disconnecting power



PHOTOMETRICS

**2SLSTP2040DD-120V**

Electronic Driver
Linear LED 4000K

Spacing criterion:
(II) 1.2 x mounting
height, (⊥) 1.3 x
mounting height

Lumens: 2176

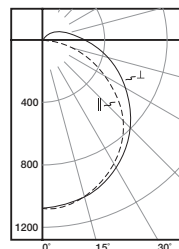
Input Watts: 22.7W

Efficacy: 95.9 lm/W

Test Report:
2SLSTP2040DD-120V.
IES

Candlepower

Angle	Along II	45°	Across ⊥
0	590	590	590
5	586	588	589
10	578	580	583
15	563	568	571
20	544	550	557
25	520	529	538
30	496	503	516
35	460	474	492
40	425	443	465
45	387	409	437
50	345	374	409
55	300	337	377
60	254	300	346
65	205	262	315
70	155	226	283
75	104	192	252
80	57	159	222
85	19	130	194
90	1	105	167

**4SLSTP4040DD-UNV-277V**

Electronic Driver
Linear LED 4000K

Spacing criterion:
(II) 1.3 x mounting
height, (⊥) 1.3 x
mounting height

Lumens: 3944

Input Watts: 41.9W

Efficacy: 94.1 lm/W

Test Report:
4SLSTP4040DD-UNV-
277V.IES

Candlepower

Angle	Along II	45°	Across ⊥
0	1077	1077	1077
5	1082	1065	1070
10	1067	1053	1060
15	1043	1031	1040
20	1009	1002	1014
25	968	965	980
30	918	921	940
35	860	872	891
40	796	816	842
45	727	755	787
50	649	687	728
55	567	617	669
60	483	546	607
65	391	473	545
70	295	404	485
75	202	338	427
80	112	276	372
85	37	220	317
90	1	173	268

Coefficients of Utilization

		Effective floor cavity reflectance										20%																			
rc rw RCR	80%					70%					50%					30%					10%					0%					
	70	50	30	10	0	70	50	30	10	0	50	30	10	0	50	30	10	0	50	30	10	0	50	30	10	0	50	30	10	0	
0	117	117	117	117		113	113	113	113		106	106	106		99	99	99		93	93	93		90								
1	104	99	94	89		100	95	91	87		89	85	82		84	81	78		78	76	74		71								
2	94	85	77	71		90	82	75	69		77	71	66		72	67	63		68	64	60		57								
3	85	74	65	58		82	72	63	57		67	60	55		63	57	52		59	54	50		48								
4	78	65	56	49		75	63	54	48		59	52	46		56	49	44		52	47	43		40								
5	71	58	48	41		69	56	47	41		53	45	39		50	43	38		47	41	37		34								
6	66	52	43	36		63	50	42	35		48	40	34		45	38	33		43	37	32		30								
7	61	47	38	32		59	46	37	31		43	36	30		41	34	29		39	33	28		26								
8	57	43	34	28		54	42	33	28		39	32	27		37	31	26		36	30	25		23								
9	53	39	31	25		51	38	30	25		36	29	24		35	28	23		33	27	23		21								
10	50	36	28	23		48	35	28	22		34	27	22		32	26	21		30	25	21		19								

Zonal Lumen Summary

Zone	Lumens	% Fixture
0-30	461	21.2
0-40	759	34.9
0-60	1379	63.4
0-90	1967	90.4
0-180	2176	100.0

Coefficients of Utilization

		Effective floor cavity reflectance										20%															
rc		80%					70%					50%					30%					10%					0%
rw		70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10		10	0		
RCR																											
0		117	117	117	117		113	113	113	113		106	106	106	99	99	99	93	93	93	90						
1		105	99	94	89		101	96	91	87		90	86	82	84	81	78	79	76	74	71						
2		94	85	78	71		91	82	76	70		77	71	67	72	68	64	68	64	61	58						
3		86	74	65	58		82	72	64	57		67	61	55	63	58	53	60	55	51	48						
4		78	65	56	49		75	63	55	48		60	52	46	56	50	45	53	47	43	41						
5		72	58	49	42		69	56	48	41		53	46	40	50	44	38	47	42	37	35						
6		66	52	43	36		63	51	42	36		48	40	35	45	39	34	43	37	33	30						
7		61	47	38	32		59	46	37	31		43	36	31	41	35	30	39	33	29	27						
8		57	43	34	28		55	42	34	28		40	32	27	38	31	26	36	30	26	24						
9		53	39	31	25		51	38	30	25		36	29	24	35	28	24	33	27	23	21						
10		50	36	28	23		48	35	28	23		34	27	22	32	26	21	31	25	21	19						

Zonal Lumen Summary

Zone	Lumens	% Fixture
0-30	843	21.4
0-40	1391	35.3
0-60	2527	64.1
0-90	3561	90.3
0-180	3944	100.0

ACCESSORIES

(Order Separately)

AYC-CHAIN/SET=36" Hanging Chain Set w/V Hooks

TOGGLE-10=10' Suspension Aircraft Cable Kit (specify if another length needed)

SCF-12-B=12" Fixed Stem Set (specify if another length needed)

2SLSTPLNS=2 ft. Replacement Lens

4SLSTPLNS=4 ft. Replacement Lens

SLSTP Series Catalog Number	Lumens	Input Watts	Efficacy (LPW)	CRI	Color Temp. K	Controls	Start Temp/ Op Temp	LED Lumen Maint	Installation	Compliance & Qualifications
4SLSTP4040DD-UNV	4000	43	93	83	4000K	0-10V Dimming to 10%	-20 C/45 C	LM 70 @ 50,000 hrs	Surface, Wall, Suspended	cULus damp loc, RoHS
2SLSTP2040DD-120V	2000	23	87	83	4000K	Triac Dimming to 10%	-20 C/45 C	LM 70 @ 50,000 hrs	Surface, Wall, Suspended	ENERGY STAR, cULus damp loc, RoHS
2SLSTP1040DD-120V	1000	11	91	83	4000K	Triac Dimming to 10%	-20 C/45 C	LM 70 @ 50,000 hrs	Surface, Wall, Suspended	ENERGY STAR, cULus damp loc, RoHS
4SLSTP2040DD-120V	2000	23	87	83	4000K	Triac Dimming to 10%	-20 C/45 C	LM 70 @ 50,000 hrs	Surface, Wall, Suspended	ENERGY STAR, cULus damp loc, RoHS
4SLSTP4040DD-120V	4000	44	91	83	4000K	Triac Dimming to 10%	-20 C/45 C	LM 70 @ 50,000 hrs	Surface, Wall, Suspended	ENERGY STAR, cULus damp loc, RoHS
4SLSTP2040DD-UNV	2000	23	87	83	4000K	0-10V Dimming to 10%	-20 C/45 C	LM 70 @ 50,000 hrs	Surface, Wall, Suspended	cULus damp loc, RoHS