

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.

| | | |
|--------------------|--|-------------|
| Catalog # | | Type |
| Project | | |
| Comments | | Date |
| Prepared by | | |

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. For motion control, reference options for both end and middle of the row applications.

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, or stem 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. DesignLights Consortium® Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details.

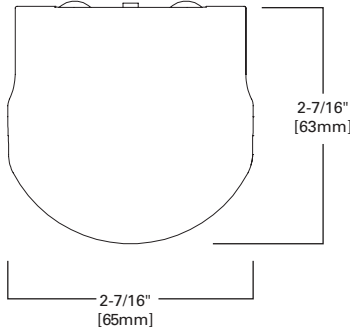
Warranty

Five-year warranty.

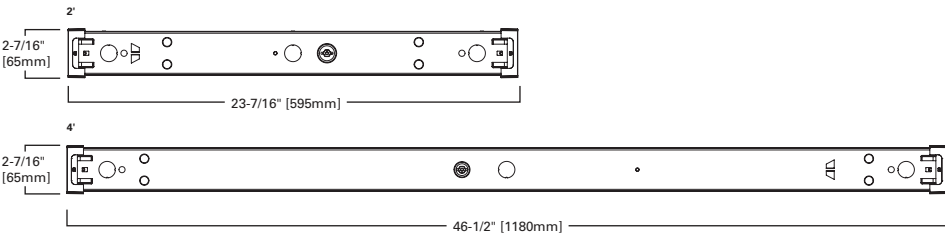


SLSTP LENSED LED

Lensed LED Striplight



MOUNTING DATA



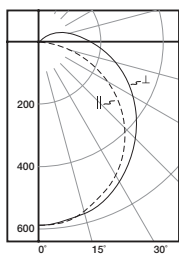
| Catalog Number | Product Description | UPC | Package |
|-------------------|---|--------------|---------|
| 2SLSTP1040DD-120V | 2 ft. Mini LED Striplight, 1000 lum 120V | 080083705771 | Unit |
| 2SLSTP2040DD-120V | 2 ft. Mini LED Striplight, 2000 lum, 120V | 080083705788 | Unit |
| 4SLSTP2040DD-120V | 4 ft. Mini LED Striplight, 2000 lum, 120V | 080083705795 | Unit |
| 4SLSTP4040DD-120V | 4 ft. Mini LED Striplight, 4000 lum, 120V | 080083705801 | Unit |
| 4SLSTP2040DD-UNV | 4 ft. Mini LED Striplight, 2000 lum, UNV | 080083705818 | Unit |
| 4SLSTP4040DD-UNV | 4 ft. Mini LED Striplight, 4000 lum, UNV | 080083705825 | Unit |



LINEAR DISCONNECT

Safe and convenient means of disconnecting power

PHOTOMETRICS



2SLSTP2040DD-120V

Electronic Driver
 Linear LED 4000K
 Spacing criterion:
 (H) 1.2 x mounting
 height, (L) 1.3 x
 mounting height
 Lumens: 2176
 Input Watts: 22.7W
 Efficacy: 95.9 lm/W
 Test Report:
 2SLSTP2040DD-120V.
 IES

Candlepower

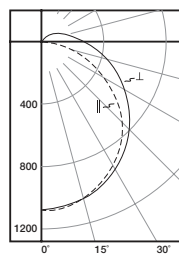
| Angle | Along H | 45° | Across L |
|-------|---------|-----|----------|
| 0 | 590 | 590 | 590 |
| 5 | 586 | 588 | 589 |
| 10 | 578 | 580 | 583 |
| 15 | 563 | 568 | 571 |
| 20 | 544 | 550 | 557 |
| 25 | 520 | 529 | 538 |
| 30 | 496 | 503 | 516 |
| 35 | 460 | 474 | 492 |
| 40 | 425 | 443 | 465 |
| 45 | 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 |

Coefficients of Utilization

| rc rw RCR | Effective floor cavity reflectance | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|----|----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|--|
| | 80% | | | | 70% | | | | 50% | | | | 30% | | | | 10% | | | | 0% | | | | | | | | | |
| | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | |
| 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 |



4SLSTP4040DD-UNV-277V

Electronic Driver
 Linear LED 4000K
 Spacing criterion:
 (H) 1.3 x mounting
 height, (L) 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 H | 45° | Across L |
|-------|---------|------|----------|
| 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

| rc rw RCR | Effective floor cavity reflectance | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|----|----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|
| | 80% | | | | 70% | | | | 50% | | | | 30% | | | | 10% | | | | 0% | | | | | | | | |
| | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |
| 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 |