

PROJECT INFORMATION

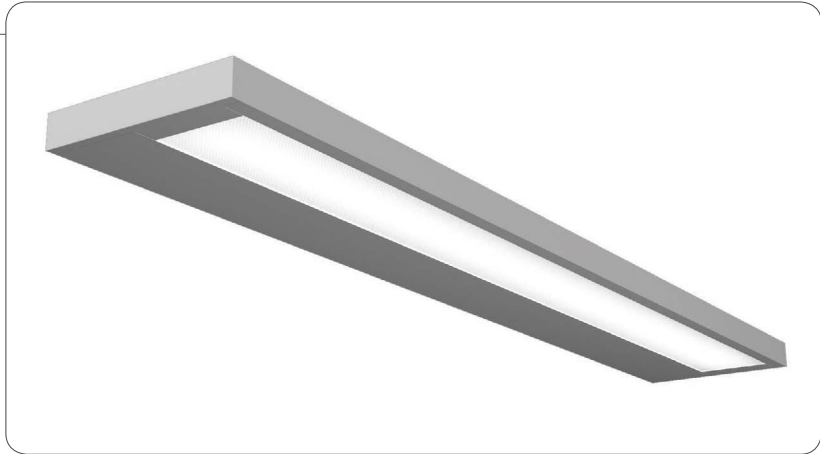
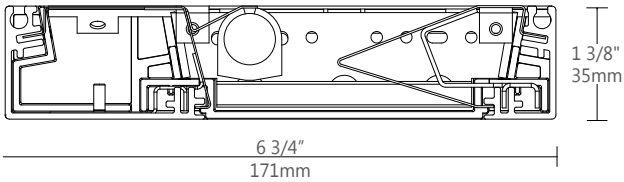
Project:

Type:

Notes:

DIMENSIONS

SECTION VIEWS



ORDERING CODE

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|

PRODUCT SPECIFICATIONS

| 1 PRODUCT ID | 2 OPTICS | 3 LIGHT DISTRIBUTION | 4 LENGTH/FT | 5 LAMP | 6 LAMP CONFIGURATION |
|--------------------------------|-------------|----------------------|-------------------------------|--------------------|----------------------|
| SLW wall | VL vl optic | 60/40 60% up 40% dn | 4 4' 8 8' S# System Run | T5 T5 T5HO T5HO | 1 1 lamp |
| Approximate light distribution | | | | | |

| 7 FINISH | 8 VOLTAGE | 9 BALLAST | 10 CIRCUITS | 11 BATTERY (OPTIONAL) | 12 OTHER (OPTIONAL) |
|---|--|---|---|-----------------------------|------------------------|
| AP aluminum paint W white BLK black C custom | 120 120V 277 277V 347 347V ⁽¹⁾ UNV universal | D dimming ERS program start BI bi-level dimming | 1 1 regular 2A/B 2 alternating +E(#) emergency section +NL(#) night light section +GTD(#) generator transfer device | B# battery pack 4' sections | D dust cover F fuse |
| (1) Consult factory | | | | Requires 120V or 277V | |

| 13 IC CONTROLS (OPTIONAL) | 14 CUSTOM (OPTIONAL) |
|---|----------------------|
| DS# daylight sensor OS# occupancy sensor DS+OS# daylight+occupancy sensor DOS# daylight&occupancy sensor | C custom |
| See integrated controls guide for further details | Please specify |

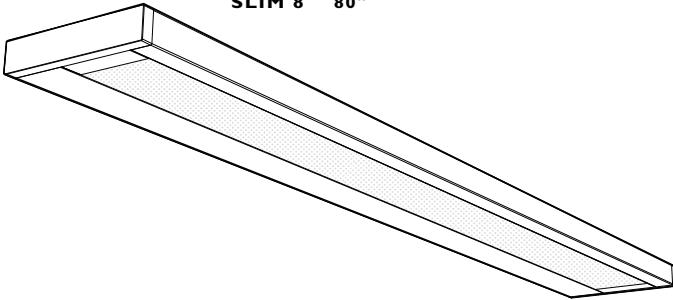
● LIGHT DISTRIBUTION



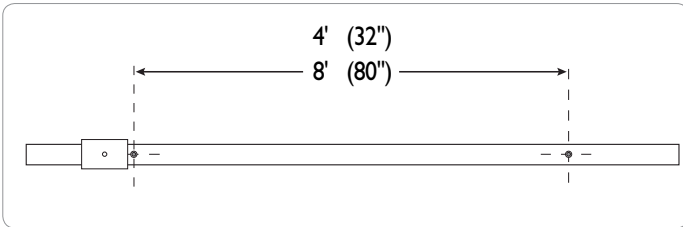
● SUSPENSION / MOUNTING SPACING

Between Mounting Points:

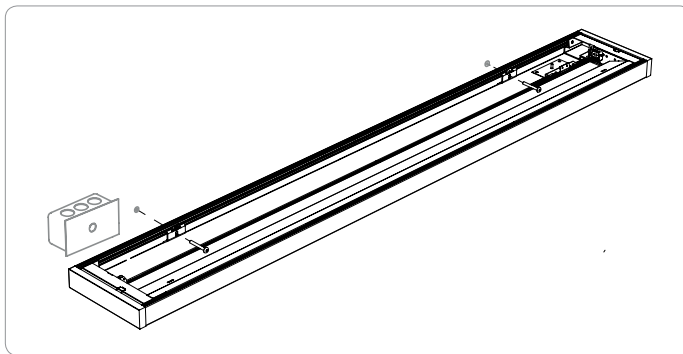
SLIM 4' 32"
SLIM 8' 80"



● MOUNTING OPTIONS



MOUNTING POINT LOCATION



MOUNTING DETAIL

i Installation sheets for all mounting options are available at: www.axislighting.com

● OTHER MOUNTING OPTIONS

SLIM is also available with pendant mounted options.

i Specification sheets for pendant mounted SLIM luminaires are available for download at www.axislighting.com

● SYSTEMS (S#)

Runs of SLIM that are greater than 8ft in length are designated as systems (S#). This means that the run is comprised of a combination 4ft and/or 8ft sections to be assembled on site using our joining system. For more information on systems and joining, please refer to the SLIM installation sheets available for download at www.axislighting.com

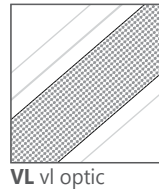
● CONSTRUCTION

| | |
|--------------------------|---|
| Housing | Extruded aluminium (0.075" nominal) |
| End Cap | Die cast zinc (0.10" nominal) |
| Joiners | Die cast zinc (0.10" nominal) |
| Interior Brackets | Die formed cold rolled sheet steel (18 gauge) |
| Reflectors | Die formed specular aluminum (0.020" nominal) |
| VL^{opti} | PMMA Precision formed microconical structure (VL Optic) 92 percent transmission that cuts off glare above 55 degrees. |

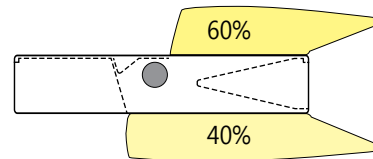
● WEIGHT

| | |
|------------------|-----------------|
| SLIM 4 ft | 10 lbs / 4.5 kg |
| SLIM 8 ft | 20 lbs / 9.1 kg |

● OPTICS



● LIGHT DISTRIBUTION OPTIONS



● FINISH

Aluminium paint, Powder Coated and custom finishes are also available.

● ELECTRICAL

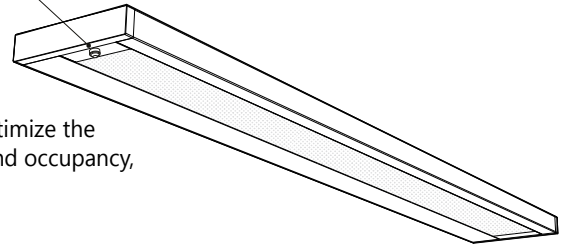
| | |
|------------------|--|
| Ballast | Electronic IS, Electronic Rapid Start, Dimming (0-10V, Line, EcoSystem, DALI), BI-level dimming With preinstalled ballast disconnect as per NEC & CEC |
| Emergency | Emergency battery pack or emergency circuit |
| Voltage | 120V, 277V, 347V, UNV |

● APPROVALS

Certified to UL and CUL standards Suitable for damp locations.



CONTROL SENSORS



● **INTEGRATED CONTROL OPTIONS**

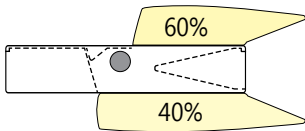
SLIM luminaires allow the use of integrated controls such as daylight sensors (DS), occupancy sensors (OS), individual daylight sensors and occupancy sensors (DS+OS), and combination daylight/occupancy sensors (DOS). These options can be seamlessly integrated into our luminaires. The control system could be used to optimize the lighting of the space by reducing energy consumption through daylight harvesting and occupancy, thereby improving the overall interior environment and allowing for LEED credits.

- Consult factory for other options.
- Refer to IC brochure for more information.

| SENSORS | BRAND | Model | TYPE | CODE | COMPATIBLE DIMMING BALLAST |
|------------------------------------|-------------|-----------|--------------------------|------|----------------------------|
| Daylight Sensor (DS) | Lutron | EC-DIR-WH | Daylight | LD | EcoSystem |
| | Wattstopper | FD-301 | Daylight | WD | 0-10V |
| | Philips | Luxsense | Daylight | PL | 0-10V |
| Occupancy Sensor (OS) | Wattstopper | FS-205 | PIR Occupancy | WP1 | Programmed Rapid Start |
| | | FS-355 | PIR Occupancy | WP2 | Programmed Rapid Start |
| | | FM-105 | High Frequency Occupancy | WH | Programmed Rapid Start |
| Daylight & Occupancy Sensors (DOS) | Philips | Actilume | Daylight & PIR Occupancy | PA | DALI or 0-10V |

● **PHOTOMETRIC DATA**

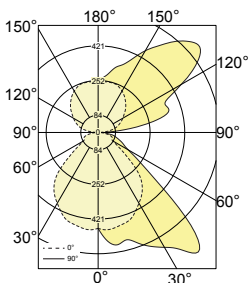
I T5



with **VL_{opti}**

LIGHT DISTRIBUTION:
60% up 40% down

PHOTOMETRIC CURVE



Test Lamp: 1xF28T5
IES FILE: SL-VL-60_40-4-T5-1.ies

Efficiency: 80.2%

CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles | | | | | Zonal Lumens |
|----------------|-------------------|------|-----|------|-----|--------------|
| | 0 | 22.5 | 45 | 67.5 | 90 | |
| 0 | 466 | 466 | 466 | 466 | 466 | |
| 5 | 530 | 529 | 474 | 424 | 408 | 25 |
| 15 | 539 | 529 | 461 | 374 | 332 | 108 |
| 25 | 610 | 544 | 426 | 289 | 225 | 178 |
| 35 | 693 | 587 | 369 | 195 | 134 | 232 |
| 45 | 637 | 552 | 274 | 120 | 99 | 264 |
| 55 | 244 | 219 | 119 | 59 | 52 | 150 |
| 65 | 136 | 124 | 74 | 43 | 33 | 86 |
| 75 | 90 | 85 | 62 | 36 | 26 | 68 |
| 85 | 33 | 30 | 21 | 18 | 12 | 36 |
| 90 | 20 | 17 | 7 | 6 | 5 | |
| 95 | 105 | 102 | 34 | 0 | 0 | 31 |
| 105 | 344 | 259 | 89 | 2 | 1 | 122 |
| 115 | 363 | 383 | 123 | 19 | 2 | 165 |
| 125 | 585 | 486 | 154 | 51 | 31 | 216 |
| 135 | 625 | 454 | 190 | 89 | 65 | 217 |
| 145 | 514 | 393 | 220 | 127 | 102 | 176 |
| 155 | 395 | 334 | 242 | 170 | 138 | 129 |
| 165 | 327 | 300 | 250 | 204 | 184 | 83 |
| 175 | 267 | 263 | 247 | 227 | 222 | 35 |
| 180 | 249 | 249 | 249 | 249 | 249 | |

COEFFICIENTS OF UTILIZATION (%)

| Ceiling | 80 | | | | | | | | | | | | 70 | | | | | | | | | | | | 50 | | | | | | | | | | | |
|---------|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|--|--|--|--|--|----|--|--|--|--|--|--|--|--|--|--|--|
| | Wall | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | | | | | | | | | | | | | | | | | | | |
| 0 | 86 | 86 | 86 | 86 | 79 | 79 | 79 | 79 | 67 | 67 | 67 | 67 | 67 | 67 | 67 | 67 | 67 | | | | | | | | | | | | | | | | | | | |
| 1 | 79 | 75 | 72 | 70 | 73 | 70 | 67 | 65 | 59 | 57 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | | | | | | | | | | | | | | | | | | | |
| 2 | 72 | 66 | 62 | 58 | 66 | 61 | 57 | 54 | 52 | 49 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | | | | | | | | | | | | | | | | | | | |
| 3 | 66 | 59 | 53 | 48 | 61 | 54 | 49 | 45 | 46 | 43 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | | | | | | | | | | | | | | | | | | | |
| 4 | 61 | 52 | 46 | 41 | 56 | 48 | 43 | 39 | 41 | 37 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | | | | | | | | | | | | | | | | | | | |
| 5 | 56 | 47 | 40 | 36 | 51 | 43 | 38 | 34 | 37 | 33 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | | | | | | | | | | | | | | | | | |
| 6 | 51 | 42 | 36 | 31 | 47 | 39 | 33 | 29 | 34 | 29 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | | | | | | | | | | | | | | | | | | | |
| 7 | 48 | 38 | 32 | 27 | 44 | 35 | 30 | 26 | 31 | 26 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | | | | | | | | | | | | | | | | | | | |
| 8 | 44 | 34 | 28 | 24 | 41 | 32 | 27 | 23 | 28 | 24 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | | | | | | | | | | | | | |
| 9 | 41 | 31 | 25 | 21 | 38 | 29 | 24 | 20 | 26 | 21 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | | | | | | | | | | | | | | | | | | | |
| 10 | 38 | 29 | 23 | 19 | 36 | 27 | 22 | 18 | 24 | 19 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | | | | | | | | | | | | | | | | | | | |

Based on floor reflectance of 20

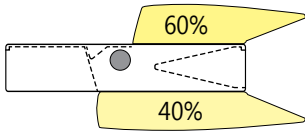
LUMINANCE DATA (CD/M²)

| Vertical Angle | Horizontal Angles | | |
|----------------|-------------------|------|------|
| | 0 | 45 | 90 |
| 45 | 3427 | 2686 | 1299 |
| 55 | 1600 | 1250 | 657 |
| 65 | 1186 | 889 | 502 |
| 75 | 1230 | 848 | 581 |
| 85 | 1105 | 510 | 324 |

i All IES files are available for download at: www.axislighting.com

PHOTOMETRIC DATA

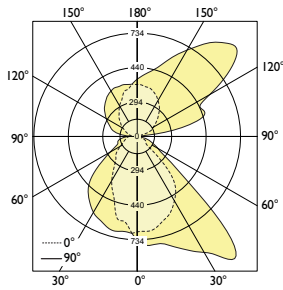
I T5HO



with **VL_{optic}**

LIGHT DISTRIBUTION:
60% up 40% down

PHOTOMETRIC CURVE



Test Lamp: **1xF54T5HO**
 IES FILE: SL-VL-60_40-4-T5HO-1.ies

Efficiency: **80.2%**

CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles | | | | | Zonal Lumens |
|----------------|-------------------|------|-----|------|-----|--------------|
| | 0 | 22.5 | 45 | 67.5 | 90 | |
| 0 | 804 | 804 | 804 | 804 | 804 | |
| 5 | 891 | 887 | 790 | 727 | 708 | 43 |
| 15 | 919 | 896 | 781 | 650 | 560 | 185 |
| 25 | 1033 | 920 | 720 | 483 | 392 | 301 |
| 35 | 1195 | 998 | 622 | 338 | 232 | 398 |
| 45 | 1108 | 951 | 463 | 207 | 168 | 453 |
| 55 | 425 | 381 | 201 | 101 | 87 | 257 |
| 65 | 236 | 212 | 129 | 72 | 58 | 147 |
| 75 | 155 | 145 | 107 | 64 | 42 | 119 |
| 85 | 55 | 49 | 36 | 30 | 21 | 62 |
| 90 | 189 | 187 | 59 | 1 | 1 | |
| 95 | 604 | 463 | 155 | 5 | 2 | 56 |
| 105 | 628 | 668 | 203 | 38 | 6 | 217 |
| 115 | 1013 | 844 | 262 | 95 | 58 | 288 |
| 125 | 1089 | 786 | 322 | 156 | 123 | 375 |
| 135 | 894 | 673 | 372 | 223 | 187 | 376 |
| 145 | 688 | 567 | 410 | 297 | 251 | 304 |
| 155 | 548 | 514 | 424 | 352 | 317 | 223 |
| 165 | 471 | 462 | 429 | 402 | 388 | 142 |
| 175 | 429 | 429 | 429 | 429 | 429 | 62 |
| 180 | 429 | 249 | 249 | 249 | 249 | |

COEFFICIENTS OF UTILIZATION (%)

| Ceiling | 80 | | | 70 | | | 50 | | | | |
|---------|----|----|----|----|----|----|----|----|----|----|----|
| | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 |
| Wall | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 |
| 0 | 86 | 86 | 86 | 86 | 79 | 79 | 79 | 79 | 67 | 67 | 67 |
| 1 | 79 | 75 | 72 | 70 | 72 | 70 | 67 | 65 | 59 | 57 | 55 |
| 2 | 72 | 66 | 61 | 57 | 66 | 61 | 57 | 54 | 52 | 49 | 46 |
| 3 | 66 | 59 | 53 | 48 | 61 | 54 | 49 | 45 | 46 | 42 | 39 |
| 4 | 61 | 52 | 46 | 41 | 56 | 48 | 43 | 39 | 41 | 37 | 34 |
| 5 | 56 | 47 | 40 | 36 | 51 | 43 | 38 | 33 | 37 | 33 | 29 |
| 6 | 51 | 42 | 35 | 31 | 47 | 39 | 33 | 29 | 34 | 29 | 26 |
| 7 | 47 | 38 | 32 | 27 | 44 | 35 | 30 | 26 | 30 | 26 | 23 |
| 8 | 44 | 34 | 28 | 24 | 41 | 32 | 27 | 23 | 28 | 23 | 20 |
| 9 | 41 | 31 | 25 | 21 | 38 | 29 | 24 | 20 | 25 | 21 | 18 |
| 10 | 38 | 29 | 23 | 19 | 35 | 27 | 22 | 18 | 23 | 19 | 16 |

Based on floor reflectance of 20

LUMINANCE DATA (CD/M²)

| Vertical Angle | Horizontal Angles | | |
|----------------|-------------------|------|------|
| | 0 | 45 | 90 |
| 45 | 5962 | 4623 | 2195 |
| 55 | 2786 | 2174 | 1108 |
| 65 | 2060 | 1512 | 878 |
| 75 | 2120 | 1452 | 999 |
| 85 | 1860 | 857 | 563 |

i All IES files are available for download at: www.axislighting.com