



PENDANT MOUNT

PROJECT INFORMATION

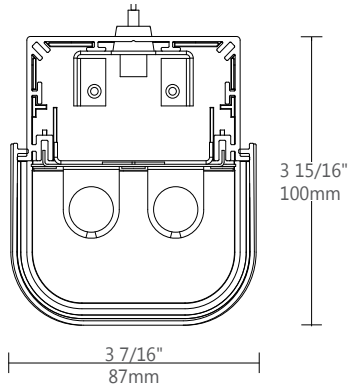
Project:

Type:

Notes:

DIMENSIONS

END VIEW



ORDERING CODE

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

PRODUCT SPECIFICATIONS

| 1 PRODUCT ID | 2 OPTICS | 3 LENGTH/FT | 4 LAMP | 5 LAMP CONFIGURATION | 6 FINISH | 7 VOLTAGE |
|-----------------------|---------------------|---|--|-------------------------------------|---|--|
| AR air pendant | S satin lens | 3 3' 4 4' 6 6' 8 8' 12 12' S# System Run | T5 T5 T5HO T5HO T8 T8 | 1 1 lamp 2 2 lamps | AP aluminum paint W white BLK Black C custom | 120 120V 277 277V 347 347V ⁽¹⁾ UNV universal |

(1) Consult factory

| 8 BALLAST | 9 CIRCUITS | 10 MOUNTING/SUSPENSION | 11 BATTERY (OPTIONAL) | 12 OTHER (OPTIONAL) |
|---|---|---|------------------------------------|---------------------|
| D dimming E instant start ⁽²⁾ ERS program start BI bi-level dimming | 1 1 regular 2 2 regular 2A/B 2 alternating +E(#) emergency section ⁽³⁾ +NL(#) night light section ⁽³⁾ +GTD(#) generator transfer device ⁽³⁾ | CA(#) drywall+cable length (36" std.) CT9(#) TB/TG 9/16+cable length (36" std.) CT15(#) TB/TG15/16+cable length (36" std.) CTS(#) ST+cable length (36" std.) SA(#) drywall+stem length >48" (18" std.) | B# battery pack 4' sections | F fuse |

(2) Available with T8 lamp only

(3) Specify quantity

Specify quantity

Requires 120V or 277V
Please consult factory

Requires 120V or 277V
Please consult factory

| 13 IC CONTROLS (OPTIONAL) | 14 CUSTOM (OPTIONAL) |
|--|----------------------|
| DS# daylight sensor OS# occupancy sensor DOS# daylight&occupancy sensor | C custom |
| Requires 8" blank. Specify quantity See integrated controls guide for further details | Please specify |





PENDANT MOUNT

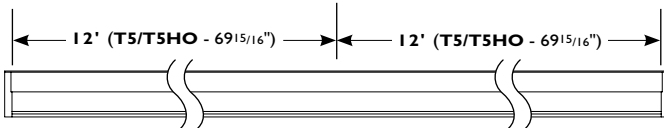
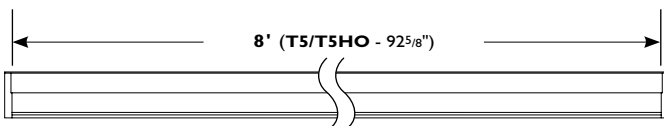
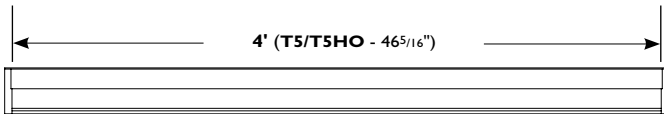
● LIGHT DISTRIBUTION



semi-direct

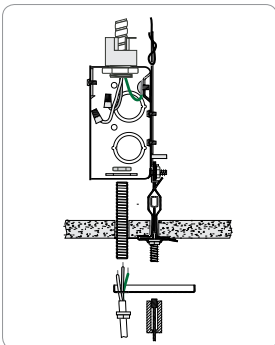
● SUSPENSION / MOUNTING SPACING

Between Mounting Points:

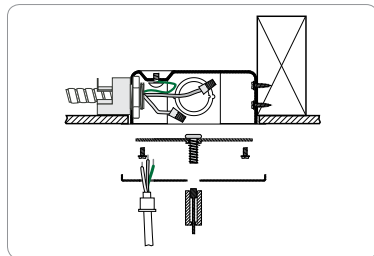


i Row configuration and mounting spacing file is available for download at: www.axislighting.com

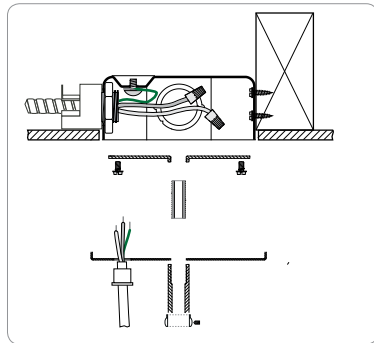
● MOUNTING OPTIONS



GT TILE CEILING - ON GRID



CA DRYWALL CEILING



SA STEM MOUNT IN DRYWALL CEILING

Mounting options are also available for slope ceiling and seismic bracing.

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

● SYSTEMS (S#)

Runs of AIR that are greater than 12ft in length are designated as systems (S#). This means that the run is comprised of a combination of sections to be assembled on site using our joining system. For more information on systems and joining, please refer to the AIR installation sheets available for download at www.axislighting.com

● OTHER MOUNTING OPTIONS

AIR is also available in wall and surface mounted options.

i Specification sheets for all mounting options are available for download at www.axislighting.com

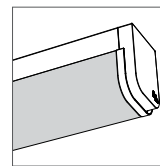
● CONSTRUCTION

| | |
|--------------------------|---|
| Housing | Extruded aluminium (0.070" nominal) up to 70% recycled content |
| End Cap | Die cast zinc (0.080" nominal) |
| Joiners | Die cast zinc (0.065" nominal) |
| Interior Brackets | Die formed Sheet Steel (18 gauge) |
| Reflectors | Die formed Sheet Steel (22 gauge) |
| Lens joiners | Die cast zinc (0.125" nominal) |
| Satin lens | Acrylic satin finish (0.060" nominal) |

● WEIGHT

| | WEIGHT |
|------------------|--------------------|
| AIR 4 ft | 9.5 lbs / 4.3 Kg |
| AIR 8 ft | 19 lbs / 8.6 Kg |
| AIR 12 ft | 28.5 lbs / 12.9 Kg |

● OPTICAL SYSTEM



S satin lens

PMMA satin finish (0.060" nominal)

With efficiencies exceeding 80%, Air delivers softly diffused and ample illumination with a Satin lens which provides maximum glare reduction and light uniformity.

● 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.

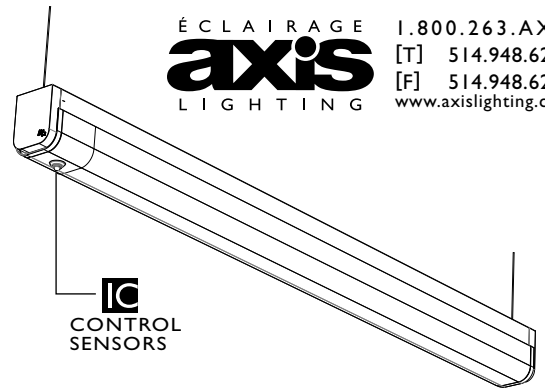


PENDANT MOUNT

● INTEGRATED CONTROL OPTIONS

AIR 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.

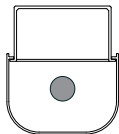
- Consult factory for other options.
- Refer to IC brochure for more information.



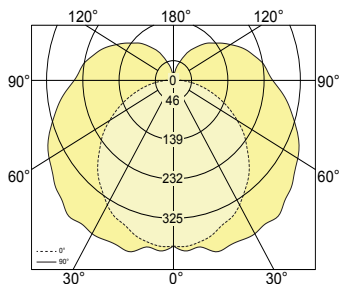
| SENSORS | BRAND | Model | TYPE | CODE | COMPATIBLE DIMMING BALLAST |
|------------------------------------|-------------|-----------|--------------------------|------|----------------------------|
| Daylight Sensor (DS) | Lutron | EC-DIR-WH | Daylight | LD | EcoSystem |
| | Wattstopper | FD-301 | Daylight | 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



PHOTOMETRIC CURVE



Test Lamp: 1xT5

IES FILE: AR-S-4-T5-1.ies

Efficiency: 83.4 %

CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles | | | | | Zonal Lumens |
|----------------|-------------------|-----|-----|-----|-----|--------------|
| | 0 | 23 | 45 | 68 | 90 | |
| 0 | 391 | 391 | 391 | 391 | 391 | |
| 5 | 393 | 391 | 400 | 402 | 404 | 21 |
| 15 | 378 | 392 | 400 | 406 | 418 | 94 |
| 25 | 355 | 369 | 391 | 417 | 415 | 165 |
| 35 | 318 | 345 | 377 | 404 | 412 | 222 |
| 45 | 274 | 306 | 353 | 386 | 403 | 262 |
| 55 | 221 | 263 | 320 | 368 | 379 | 279 |
| 65 | 158 | 211 | 282 | 332 | 355 | 273 |
| 75 | 95 | 155 | 237 | 294 | 316 | 245 |
| 85 | 40 | 107 | 193 | 253 | 276 | 205 |
| 90 | 20 | 88 | 173 | 234 | 255 | |
| 95 | 16 | 78 | 163 | 222 | 242 | 168 |
| 105 | 12 | 65 | 144 | 199 | 217 | 145 |
| 115 | 11 | 56 | 122 | 168 | 187 | 117 |
| 125 | 9 | 46 | 99 | 140 | 153 | 90 |
| 135 | 9 | 37 | 79 | 111 | 124 | 63 |
| 145 | 7 | 29 | 60 | 85 | 93 | 40 |
| 155 | 5 | 19 | 40 | 56 | 62 | 21 |
| 165 | 4 | 12 | 23 | 30 | 34 | 8 |
| 175 | 4 | 6 | 9 | 10 | 11 | 2 |
| 180 | 4 | 4 | 4 | 4 | 4 | |

COEFFICIENTS OF UTILIZATION (%)

| Ceiling | 80 | | | | 70 | | | | 50 | | | |
|---------|----|----|----|----|----|----|----|----|----|----|----|--|
| Wall | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | |
| 0 | 94 | 94 | 94 | 94 | 90 | 90 | 90 | 90 | 81 | 81 | 81 | |
| 1 | 83 | 78 | 73 | 69 | 79 | 74 | 70 | 66 | 66 | 63 | 60 | |
| 2 | 74 | 66 | 60 | 54 | 70 | 63 | 57 | 52 | 56 | 52 | 47 | |
| 3 | 67 | 57 | 50 | 44 | 63 | 54 | 47 | 42 | 49 | 43 | 38 | |
| 4 | 61 | 50 | 42 | 36 | 57 | 48 | 40 | 35 | 43 | 37 | 32 | |
| 5 | 56 | 44 | 36 | 30 | 52 | 42 | 35 | 29 | 38 | 32 | 27 | |
| 6 | 51 | 40 | 32 | 26 | 48 | 38 | 30 | 25 | 34 | 28 | 23 | |
| 7 | 47 | 36 | 28 | 23 | 45 | 34 | 27 | 22 | 31 | 25 | 20 | |
| 8 | 44 | 32 | 25 | 20 | 41 | 31 | 24 | 19 | 28 | 22 | 18 | |
| 9 | 41 | 29 | 22 | 18 | 39 | 28 | 22 | 17 | 26 | 20 | 16 | |
| 10 | 38 | 27 | 20 | 16 | 36 | 26 | 19 | 15 | 24 | 18 | 14 | |

Based on floor reflectance of 20

LUMINANCE DATA (CD/M²)

| Vertical Angle | Horizontal Angles | | |
|----------------|-------------------|------|------|
| | 0 | 45 | 90 |
| 45 | 3364 | 2510 | 2491 |
| 55 | 3229 | 2338 | 2350 |
| 65 | 2974 | 2184 | 2281 |
| 75 | 2626 | 2023 | 2167 |
| 85 | 2197 | 1903 | 2103 |

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

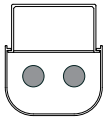




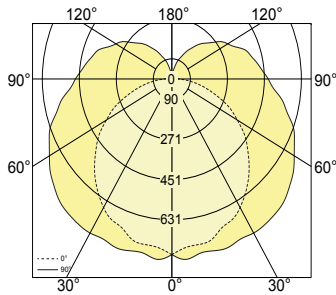
PENDANT MOUNT

PHOTOMETRIC DATA

2 T5



PHOTOMETRIC CURVE



Test Lamp: 2x**F28T5**

IES FILE: AR-S-4-T5-2.ies

Efficiency: **78.8 %**

CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles | | | | | Zonal Lumens |
|----------------|-------------------|-----|-----|-----|-----|--------------|
| | 0 | 23 | 45 | 68 | 90 | |
| 0 | 787 | 787 | 787 | 787 | 787 | |
| 5 | 759 | 770 | 769 | 762 | 812 | 42 |
| 15 | 746 | 758 | 766 | 791 | 797 | 184 |
| 25 | 696 | 723 | 761 | 785 | 792 | 318 |
| 35 | 625 | 662 | 730 | 775 | 795 | 429 |
| 45 | 532 | 587 | 672 | 746 | 774 | 503 |
| 55 | 431 | 507 | 613 | 695 | 724 | 535 |
| 65 | 314 | 397 | 532 | 629 | 659 | 517 |
| 75 | 183 | 294 | 442 | 548 | 582 | 460 |
| 85 | 76 | 200 | 356 | 467 | 498 | 380 |
| 90 | 37 | 163 | 318 | 425 | 470 | |
| 95 | 28 | 143 | 299 | 406 | 442 | 307 |
| 105 | 23 | 117 | 263 | 357 | 399 | 263 |
| 115 | 21 | 101 | 224 | 313 | 341 | 217 |
| 125 | 18 | 85 | 185 | 261 | 292 | 166 |
| 135 | 16 | 70 | 146 | 208 | 228 | 117 |
| 145 | 14 | 50 | 111 | 157 | 169 | 75 |
| 155 | 11 | 36 | 74 | 102 | 111 | 40 |
| 165 | 8 | 21 | 41 | 56 | 61 | 16 |
| 175 | 6 | 11 | 17 | 18 | 23 | 3 |
| 180 | 7 | 7 | 7 | 7 | 7 | |

COEFFICIENTS OF UTILIZATION (%)

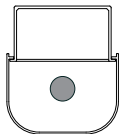
| Ceiling | 80 | | | | 70 | | | | 50 | | | |
|---------|----|----|----|----|----|----|----|----|----|----|----|--|
| | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | |
| Wall | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | |
| 0 | 89 | 89 | 89 | 89 | 85 | 85 | 85 | 85 | 77 | 77 | 77 | |
| 1 | 79 | 74 | 69 | 66 | 74 | 70 | 66 | 63 | 63 | 60 | 57 | |
| 2 | 70 | 63 | 57 | 51 | 66 | 60 | 54 | 49 | 54 | 49 | 45 | |
| 3 | 64 | 54 | 47 | 41 | 60 | 52 | 45 | 40 | 46 | 41 | 37 | |
| 4 | 58 | 48 | 40 | 34 | 54 | 45 | 38 | 33 | 41 | 35 | 30 | |
| 5 | 53 | 42 | 34 | 29 | 50 | 40 | 33 | 28 | 36 | 30 | 26 | |
| 6 | 49 | 38 | 30 | 25 | 46 | 36 | 29 | 24 | 32 | 27 | 22 | |
| 7 | 45 | 34 | 27 | 22 | 42 | 32 | 26 | 21 | 29 | 24 | 19 | |
| 8 | 42 | 31 | 24 | 19 | 39 | 29 | 23 | 18 | 27 | 21 | 17 | |
| 9 | 39 | 28 | 21 | 17 | 37 | 27 | 20 | 16 | 24 | 19 | 15 | |
| 10 | 36 | 26 | 19 | 15 | 34 | 24 | 19 | 15 | 22 | 17 | 14 | |

Based on floor reflectance of 20

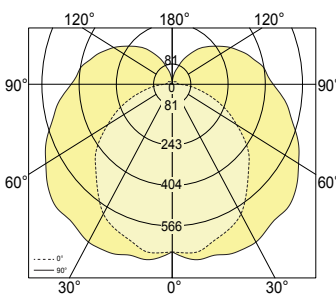
LUMINANCE DATA (CD/M²)

| Vertical Angle | Horizontal Angles | | |
|----------------|-------------------|------|------|
| | 0 | 45 | 90 |
| 45 | 6525 | 4774 | 4787 |
| 55 | 6314 | 4473 | 4489 |
| 65 | 5921 | 4125 | 4233 |
| 75 | 5082 | 3777 | 3997 |
| 85 | 4199 | 3502 | 3802 |

1 T5HO



PHOTOMETRIC CURVE



Test Lamp: 1x**F54T5HO**

IES FILE: AR-S-4-T5HO-1.ies

Efficiency: **83.4 %**

CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles | | | | | Zonal Lumens |
|----------------|-------------------|-----|-----|-----|-----|--------------|
| | 0 | 23 | 45 | 68 | 90 | |
| 0 | 669 | 669 | 669 | 669 | 669 | |
| 5 | 676 | 697 | 695 | 696 | 697 | 37 |
| 15 | 655 | 665 | 694 | 708 | 707 | 163 |
| 25 | 623 | 645 | 678 | 706 | 727 | 285 |
| 35 | 555 | 587 | 649 | 695 | 712 | 385 |
| 45 | 470 | 527 | 613 | 670 | 704 | 451 |
| 55 | 382 | 450 | 558 | 631 | 665 | 484 |
| 65 | 272 | 360 | 484 | 573 | 608 | 469 |
| 75 | 162 | 268 | 410 | 507 | 537 | 421 |
| 85 | 72 | 182 | 333 | 434 | 475 | 352 |
| 90 | 33 | 151 | 301 | 405 | 439 | |
| 95 | 26 | 132 | 282 | 383 | 415 | 289 |
| 105 | 22 | 111 | 246 | 339 | 372 | 248 |
| 115 | 19 | 95 | 212 | 289 | 319 | 202 |
| 125 | 18 | 79 | 171 | 240 | 264 | 154 |
| 135 | 14 | 65 | 140 | 192 | 212 | 110 |
| 145 | 13 | 48 | 102 | 145 | 158 | 69 |
| 155 | 8 | 35 | 70 | 96 | 104 | 36 |
| 165 | 8 | 22 | 36 | 54 | 56 | 14 |
| 175 | 7 | 10 | 14 | 17 | 18 | 3 |
| 180 | 7 | 7 | 7 | 7 | 7 | |

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 | 94 | 94 | 94 | 94 | 90 | 90 | 90 | 90 | 81 | 81 | 81 | |
| 1 | 83 | 78 | 73 | 69 | 79 | 74 | 70 | 66 | 66 | 63 | 60 | |
| 2 | 74 | 66 | 60 | 54 | 70 | 63 | 57 | 52 | 56 | 52 | 47 | |
| 3 | 67 | 57 | 50 | 44 | 63 | 54 | 47 | 42 | 49 | 43 | 38 | |
| 4 | 61 | 50 | 42 | 36 | 57 | 48 | 40 | 35 | 43 | 37 | 32 | |
| 5 | 56 | 44 | 36 | 30 | 52 | 42 | 35 | 29 | 38 | 32 | 27 | |
| 6 | 51 | 40 | 32 | 26 | 48 | 38 | 30 | 25 | 34 | 28 | 23 | |
| 7 | 47 | 36 | 28 | 23 | 45 | 34 | 27 | 22 | 31 | 25 | 20 | |
| 8 | 44 | 32 | 25 | 20 | 41 | 31 | 24 | 19 | 28 | 22 | 18 | |
| 9 | 41 | 29 | 22 | 18 | 39 | 28 | 22 | 17 | 26 | 20 | 16 | |
| 10 | 38 | 27 | 20 | 16 | 36 | 26 | 20 | 15 | 24 | 18 | 14 | |

Based on floor reflectance of 20

LUMINANCE DATA (CD/M²)

| Vertical Angle | Horizontal Angles | | |
|----------------|-------------------|------|------|
| | 0 | 45 | 90 |
| 45 | 5765 | 4353 | 4354 |
| 55 | 5597 | 4071 | 4126 |
| 65 | 5140 | 3750 | 3901 |
| 75 | 4492 | 3507 | 3684 |
| 85 | 3964 | 3277 | 3622 |

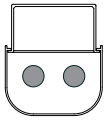
i All IES files are available for download at: www.axislighting.com



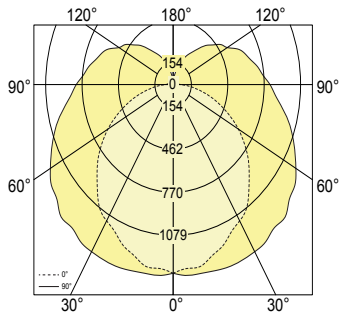
PENDANT MOUNT

PHOTOMETRIC DATA

2 T5HO



PHOTOMETRIC CURVE



Test Lamp: 2x F54T5HO
 IES FILE: AR-S-4-T5HO-2.ies

Efficiency: 78.8 %

CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles | | | | | Zonal Lumens |
|----------------|-------------------|------|------|------|------|--------------|
| | 0 | 23 | 45 | 68 | 90 | |
| 0 | 1349 | 1349 | 1349 | 1349 | 1349 | |
| 5 | 1321 | 1346 | 1339 | 1341 | 1371 | 72 |
| 15 | 1268 | 1313 | 1322 | 1358 | 1378 | 316 |
| 25 | 1164 | 1247 | 1328 | 1361 | 1386 | 549 |
| 35 | 1082 | 1156 | 1260 | 1338 | 1370 | 741 |
| 45 | 910 | 1031 | 1170 | 1275 | 1340 | 868 |
| 55 | 735 | 871 | 1058 | 1195 | 1258 | 919 |
| 65 | 530 | 695 | 917 | 1075 | 1138 | 895 |
| 75 | 321 | 503 | 769 | 936 | 1010 | 792 |
| 85 | 137 | 338 | 619 | 802 | 868 | 654 |
| 90 | 64 | 278 | 550 | 742 | 820 | |
| 95 | 46 | 248 | 519 | 691 | 763 | 530 |
| 105 | 39 | 204 | 448 | 629 | 681 | 453 |
| 115 | 35 | 173 | 382 | 543 | 602 | 374 |
| 125 | 32 | 149 | 320 | 447 | 498 | 285 |
| 135 | 27 | 119 | 257 | 356 | 397 | 203 |
| 145 | 25 | 91 | 192 | 273 | 284 | 128 |
| 155 | 18 | 63 | 123 | 178 | 202 | 68 |
| 165 | 15 | 35 | 72 | 94 | 108 | 27 |
| 175 | 7 | 20 | 26 | 32 | 36 | 6 |
| 180 | 16 | 16 | 16 | 16 | 16 | |

COEFFICIENTS OF UTILIZATION (%)

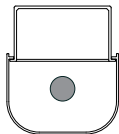
| Ceiling | 80 | | | | 70 | | | | 50 | | | |
|---------|----|----|----|----|----|----|----|----|----|----|----|--|
| | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | |
| Wall | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | |
| 0 | 89 | 89 | 89 | 89 | 85 | 85 | 85 | 85 | 77 | 77 | 77 | |
| 1 | 79 | 74 | 70 | 66 | 74 | 70 | 66 | 63 | 63 | 60 | 57 | |
| 2 | 70 | 63 | 57 | 51 | 66 | 60 | 54 | 49 | 54 | 49 | 45 | |
| 3 | 64 | 54 | 47 | 41 | 60 | 52 | 45 | 40 | 46 | 41 | 37 | |
| 4 | 58 | 48 | 40 | 34 | 54 | 45 | 38 | 33 | 41 | 35 | 31 | |
| 5 | 53 | 42 | 35 | 29 | 50 | 40 | 33 | 28 | 36 | 30 | 26 | |
| 6 | 49 | 38 | 30 | 25 | 46 | 36 | 29 | 24 | 32 | 27 | 22 | |
| 7 | 45 | 34 | 27 | 22 | 42 | 32 | 26 | 21 | 29 | 24 | 19 | |
| 8 | 42 | 31 | 24 | 19 | 39 | 29 | 23 | 18 | 27 | 21 | 17 | |
| 9 | 39 | 28 | 21 | 17 | 37 | 27 | 21 | 16 | 24 | 19 | 15 | |
| 10 | 36 | 26 | 19 | 15 | 34 | 25 | 19 | 15 | 22 | 17 | 14 | |

Based on floor reflectance of 20

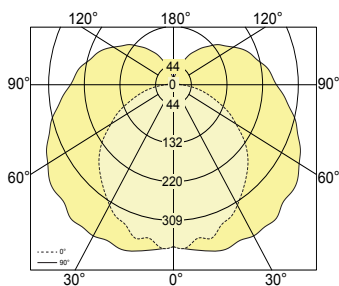
LUMINANCE DATA (CD/M²)

| Vertical Angle | Horizontal Angles | | |
|----------------|-------------------|------|------|
| | 0 | 45 | 90 |
| 45 | 11162 | 8312 | 8287 |
| 55 | 10767 | 7727 | 7801 |
| 65 | 9998 | 7110 | 7304 |
| 75 | 8896 | 6571 | 6938 |
| 85 | 7599 | 6094 | 6621 |

1 T8



PHOTOMETRIC CURVE



Test Lamp: 1x F03231
 IES FILE: AR-S-4-T8-1.ies

Efficiency: 81.0 %

CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles | | | | | Zonal Lumens |
|----------------|-------------------|-----|-----|-----|-----|--------------|
| | 0 | 23 | 45 | 68 | 90 | |
| 0 | 368 | 368 | 368 | 368 | 368 | |
| 5 | 372 | 370 | 373 | 383 | 375 | 20 |
| 15 | 362 | 363 | 375 | 393 | 391 | 89 |
| 25 | 333 | 347 | 371 | 390 | 390 | 155 |
| 35 | 297 | 322 | 357 | 385 | 394 | 210 |
| 45 | 260 | 289 | 337 | 373 | 381 | 249 |
| 55 | 210 | 246 | 309 | 355 | 375 | 268 |
| 65 | 152 | 200 | 274 | 325 | 346 | 263 |
| 75 | 91 | 149 | 232 | 288 | 312 | 239 |
| 85 | 39 | 104 | 192 | 249 | 273 | 202 |
| 90 | 20 | 88 | 171 | 231 | 255 | |
| 95 | 15 | 77 | 161 | 222 | 244 | 166 |
| 105 | 12 | 66 | 142 | 197 | 215 | 144 |
| 115 | 11 | 54 | 122 | 169 | 190 | 118 |
| 125 | 10 | 46 | 102 | 141 | 154 | 90 |
| 135 | 8 | 38 | 80 | 112 | 124 | 64 |
| 145 | 8 | 29 | 60 | 85 | 93 | 41 |
| 155 | 5 | 20 | 40 | 55 | 60 | 21 |
| 165 | 5 | 12 | 21 | 31 | 33 | 8 |
| 175 | 3 | 5 | 9 | 9 | 13 | 2 |
| 180 | 3 | 3 | 3 | 3 | 3 | |

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 | 91 | 91 | 91 | 91 | 87 | 87 | 87 | 87 | 78 | 78 | 78 | |
| 1 | 80 | 75 | 71 | 67 | 76 | 71 | 67 | 64 | 64 | 61 | 58 | |
| 2 | 72 | 64 | 58 | 52 | 68 | 61 | 55 | 50 | 54 | 50 | 46 | |
| 3 | 65 | 55 | 48 | 42 | 61 | 52 | 46 | 40 | 47 | 41 | 37 | |
| 4 | 59 | 48 | 41 | 35 | 55 | 46 | 39 | 33 | 41 | 35 | 31 | |
| 5 | 54 | 43 | 35 | 29 | 51 | 41 | 33 | 28 | 36 | 31 | 26 | |
| 6 | 50 | 38 | 31 | 25 | 47 | 36 | 29 | 24 | 33 | 27 | 22 | |
| 7 | 46 | 34 | 27 | 22 | 43 | 33 | 26 | 21 | 29 | 24 | 19 | |
| 8 | 42 | 31 | 24 | 19 | 40 | 30 | 23 | 18 | 27 | 21 | 17 | |
| 9 | 39 | 28 | 22 | 17 | 37 | 27 | 21 | 16 | 25 | 19 | 15 | |
| 10 | 37 | 26 | 19 | 15 | 35 | 25 | 19 | 15 | 23 | 17 | 14 | |

Based on floor reflectance of 20

LUMINANCE DATA (CD/M²)

| Vertical Angle | Horizontal Angles | | |
|----------------|-------------------|------|------|
| | 0 | 45 | 90 |
| 45 | 3088 | 2316 | 2275 |
| 55 | 2983 | 2180 | 2245 |
| 65 | 2785 | 2054 | 2146 |
| 75 | 2445 | 1920 | 2071 |
| 85 | 2136 | 1829 | 2015 |

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

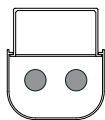




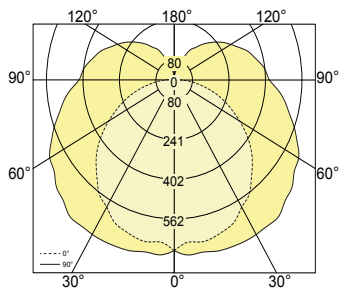
PENDANT MOUNT

PHOTOMETRIC DATA

2 T8



PHOTOMETRIC CURVE



Test Lamp: 2xFO3231

IES FILE: AR-S-4-T8-2.ies

Efficiency: 71.6 %

CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles | | | | | Zonal Lumens |
|----------------|-------------------|-----|-----|-----|-----|--------------|
| | 0 | 23 | 45 | 68 | 90 | |
| 0 | 691 | 691 | 691 | 691 | 691 | |
| 5 | 660 | 710 | 708 | 696 | 711 | 38 |
| 15 | 661 | 680 | 696 | 717 | 718 | 165 |
| 25 | 631 | 654 | 695 | 719 | 723 | 288 |
| 35 | 572 | 604 | 660 | 707 | 719 | 390 |
| 45 | 487 | 532 | 618 | 672 | 691 | 457 |
| 55 | 390 | 454 | 554 | 627 | 645 | 484 |
| 65 | 277 | 363 | 480 | 567 | 598 | 469 |
| 75 | 171 | 266 | 403 | 497 | 525 | 417 |
| 85 | 72 | 178 | 327 | 420 | 458 | 344 |
| 90 | 34 | 146 | 290 | 386 | 419 | |
| 95 | 24 | 131 | 268 | 367 | 405 | 277 |
| 105 | 22 | 109 | 240 | 328 | 363 | 240 |
| 115 | 20 | 96 | 208 | 285 | 313 | 199 |
| 125 | 18 | 78 | 172 | 243 | 265 | 153 |
| 135 | 15 | 65 | 139 | 190 | 212 | 109 |
| 145 | 14 | 49 | 104 | 147 | 159 | 70 |
| 155 | 11 | 34 | 70 | 99 | 103 | 38 |
| 165 | 10 | 23 | 41 | 54 | 55 | 15 |
| 175 | 5 | 8 | 14 | 18 | 17 | 3 |
| 180 | 6 | 6 | 6 | 6 | 6 | |

COEFFICIENTS OF UTILIZATION (%)

| Ceiling | 80 | | | | | | | | | | | | 70 | | | | | | | | | | | | 50 | | | | | | | | | | | |
|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|--|--|--|--|--|--|--|----|--|--|--|--|--|--|--|--|--|--|--|
| | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | | | | | | | | | | | | | | | | | | | | | |
| 0 | 81 | 81 | 81 | 81 | 77 | 77 | 77 | 77 | 70 | 70 | 70 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 71 | 67 | 63 | 60 | 68 | 64 | 60 | 57 | 57 | 55 | 52 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 64 | 57 | 51 | 47 | 60 | 54 | 49 | 45 | 49 | 45 | 41 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 58 | 49 | 43 | 38 | 54 | 47 | 41 | 36 | 42 | 37 | 33 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 53 | 43 | 36 | 31 | 49 | 41 | 35 | 30 | 37 | 32 | 28 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 48 | 38 | 31 | 26 | 45 | 36 | 30 | 25 | 33 | 28 | 23 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 44 | 34 | 27 | 23 | 42 | 32 | 26 | 22 | 29 | 24 | 20 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 41 | 31 | 24 | 20 | 38 | 29 | 23 | 19 | 27 | 21 | 18 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 38 | 28 | 22 | 17 | 36 | 27 | 21 | 17 | 24 | 19 | 16 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | 35 | 25 | 19 | 15 | 33 | 24 | 19 | 15 | 22 | 17 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 33 | 23 | 18 | 14 | 31 | 22 | 17 | 13 | 20 | 16 | 12 | | | | | | | | | | | | | | | | | | | | | | | | | |

Based on floor reflectance of 20

LUMINANCE DATA (CD/M²)

| Vertical Angle | Horizontal Angles | | |
|----------------|-------------------|------|------|
| | 0 | 45 | 90 |
| 45 | 5780 | 4245 | 4127 |
| 55 | 5542 | 3911 | 3868 |
| 65 | 5074 | 3604 | 3708 |
| 75 | 4604 | 3332 | 3483 |
| 85 | 3928 | 3114 | 3378 |

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