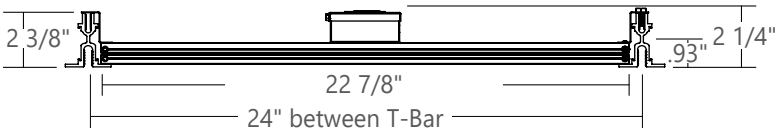


TRAYFIT 2x2

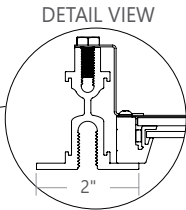
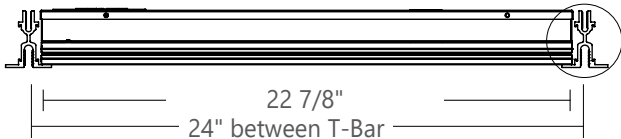
Recessed - Compatible with Dynamax™ T-Bar.



SIDE VIEW A



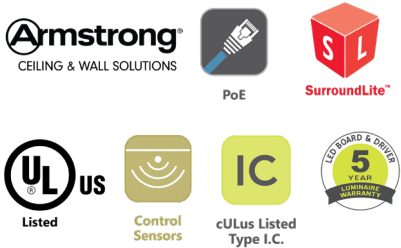
SIDE VIEW B



PERFORMANCE AT 3500K

| NOMINAL LUMEN OUTPUT | INPUT WATTS* | EFFICACY |
|----------------------|--------------|----------|
| 2000 lm              | 17.4 W       | 115 lm/W |
| 3000 lm              | 26.1 W       | 115 lm/W |
| 5000 lm              | 43.5 W       | 115 lm/W |

\* Based on a 2'x2' luminaire using one driver  
Please consult factory for custom lumen output and wattage.



Ordering Guide

| TRAYFIT    |                                             | 22   |       |                                                                                                               |               |     |        | SO          |        |           |               |
|------------|---------------------------------------------|------|-------|---------------------------------------------------------------------------------------------------------------|---------------|-----|--------|-------------|--------|-----------|---------------|
| PRODUCT ID |                                             | SIZE |       | TOTAL NOM. LUMENS                                                                                             |               | CRI |        | COLOR TEMP. |        | SHIELDING |               |
| TRAYFIT    | TrayFit -<br>DynaMax™ ceiling<br>compatible | 22   | 2'X2' | 2000                                                                                                          | 2000 lm - Min | 80  | 80 CRI | 30          | 3000 K | SO        | spotless lens |
|            |                                             |      |       | 5000                                                                                                          | 5000 lm - Max | 90  | 90 CRI | 35          | 3500 K |           |               |
|            |                                             |      |       |                                                                                                               |               |     |        | 40          | 4000 K |           |               |
|            |                                             |      |       |                                                                                                               |               |     |        |             |        |           |               |
|            |                                             |      |       | Outputs between listed min and max are available.<br>Consult factory for outputs outside of the listed range. |               |     |        |             |        |           |               |

| W                                  |                                                                         |                                                                                                  |                                                                               |                                |                        |
|------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|--------------------------------|------------------------|
| DOOR FINISH                        | VOLTAGE                                                                 | DRIVER                                                                                           | CIRCUITS                                                                      | MOUNTING/SUSPENSION            | BATTERY (OPTIONAL)     |
| W white                            | 120 120 V<br>277 277 V<br>347 347 V<br>UNV universal<br>DC low voltage* | DP dimming (0-10V) 1%<br>LT lutron<br>BI bi-level dimming<br>O(#) other**<br>POE(#) POE drivers* | 1 1 circuit<br>+E(#) emergency section*<br>+GTD(#) generator transfer device* | TBA t-bar Armstrong<br>Dynamax | B(#) battery pack      |
| * Only available with POE drivers. |                                                                         | *See page 2 to specify system<br>**Please consult factory; see page 2                            | * Specify quantity                                                            |                                | Please consult factory |

| OTHER (OPTIONAL)                                   | CUSTOM (OPTIONAL) |
|----------------------------------------------------|-------------------|
| FW flex whip (6' std)*<br>CP chicago plenum        | C custom          |
| * Other lengths available; please consult factory. | Please specify    |

### ELECTRICAL

|                                         |                                                                                                               |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------|
| <b>Lutron driver</b>                    | LDE1 - Hi-lume 1% EcoSystem with Soft-on, Fade-to-Black                                                       |
| <b>Other drivers**</b>                  | DALI - Digital Addressable Lighting Interface<br>DMX - Digital Multiplex<br>Xitanium SR - For wireless sensor |
| <b>Power over Ethernet POE drivers*</b> | MOLEX<br>IGOR<br>SMARTENGINE<br>O - Other (Consult factory)                                                   |
| <b>Emergency</b>                        | Integral emergency battery pack or emergency circuit optional.                                                |
| <b>Input Voltage</b>                    | 120V, 277V, 347V, UNV, DC.                                                                                    |

\*Choose driver from available options.

**i** Incorporating these components may have limitations or affect the length of the luminaire. Please contact factory for more details.

### SPECIFICATIONS

#### CONSTRUCTION

|                          |                                                |
|--------------------------|------------------------------------------------|
| <b>Housing</b>           | Die formed cold rolled sheet steel (22 gauge). |
| <b>Door frame</b>        | Extruded aluminum.                             |
| <b>Light Guide</b>       | 0.157" PMMA.                                   |
| <b>Lens</b>              | PMMA satin blend.                              |
| <b>Reflectors</b>        | High reflectance post painted white.           |
| <b>Luminaire support</b> | Hold-Down clips                                |

### WARRANTY

Limited 5-year warranty is available. Warranty is valid provided luminaires are installed and used according to specifications. For full terms and conditions, please consult warranty section at [axislighting.com](http://axislighting.com).

### LED SYSTEM

|                           |                                                                                                                                                                       |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CRI</b>                | Minimum 80 or 90 color rendering index.                                                                                                                               |
| <b>CCT Single Color</b>   | Choice of 2700K, 3000K, 3500K and 4000K color temperature with a great color consistency (within 3-step MacAdam ellipse). Both within fixture and fixture to fixture. |
| <b>LED life</b>           | Minimum 50,000h with 85% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.                                         |
| <b>Thermal Management</b> | Aluminum housing acting as the heat sink to maximize life.                                                                                                            |
| <b>Environment</b>        | Dry and damp rated for indoor use only in operating ambient temperatures of 0-40°C (32-104°F).                                                                        |

### APPROVALS

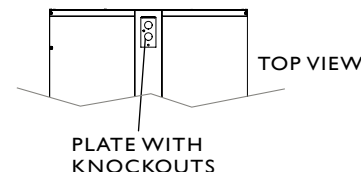
Certified to UL and CSA standards   
Chicago Plenum Certified (CCEA)  
Meets NYC requirements  
Suitable for damp locations.  
IC Rated (Insulated ceiling)

### WHITE FINISH

Aluminum paint and powder coated

### STANDARD AND END MOUNT POWER FEED

Knockouts for BX cable connection are provided on the top of the luminaire.  
(BX CABLE BY OTHER)

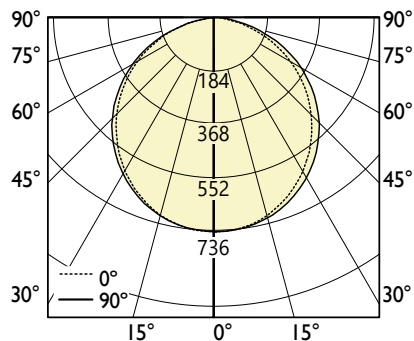


### WEIGHT

|                  |                 |
|------------------|-----------------|
| <b>2x2 panel</b> | 13 lbs / 5.9 kg |
|------------------|-----------------|

## ● PHOTOMETRIC DATA

### PHOTOMETRIC CURVE



**Total Lumens: 2000 lm**

**Input Watts: 17.4 W**

**Efficacy: 115 lm/W**

IES FILE: TRAYFIT-22-2000-80-35-SO.IES

TESTED ACCORDING TO IES LM-79-2008

### CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles |      |     |      |     |
|----------------|-------------------|------|-----|------|-----|
|                | 0                 | 22.5 | 45  | 67.5 | 90  |
| 0              | 732               | 732  | 732 | 732  | 732 |
| 5              | 726               | 726  | 727 | 728  | 729 |
| 15             | 699               | 699  | 701 | 704  | 705 |
| 25             | 644               | 644  | 649 | 652  | 653 |
| 35             | 563               | 564  | 568 | 573  | 575 |
| 45             | 462               | 462  | 466 | 472  | 474 |
| 55             | 349               | 347  | 351 | 356  | 358 |
| 65             | 231               | 229  | 230 | 233  | 236 |
| 75             | 117               | 114  | 114 | 115  | 117 |
| 85             | 26                | 24   | 23  | 23   | 24  |
| 90             | 1                 | 1    | 1   | 1    | 1   |

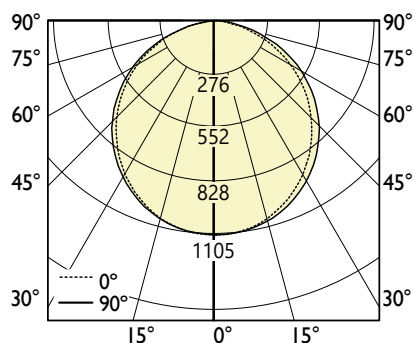
### ZONAL LUMENS

| Zone  | Lumens |
|-------|--------|
| 0     |        |
| 0-10  | 69     |
| 10-20 | 199    |
| 20-30 | 300    |
| 30-40 | 358    |
| 40-50 | 364    |
| 50-60 | 319    |
| 60-70 | 233    |
| 70-80 | 126    |
| 80-90 | 31     |
| 90    |        |

### LUMINANCE DATA (cd/m²)

| Vertical Angle | Horizontal Angles |      |      |
|----------------|-------------------|------|------|
|                | 0                 | 45   | 90   |
| 45             | 2159              | 2178 | 2217 |
| 55             | 2009              | 2021 | 2064 |
| 65             | 1806              | 1799 | 1842 |
| 75             | 1490              | 1451 | 1490 |
| 85             | 993               | 878  | 892  |

### PHOTOMETRIC CURVE



**Total Lumens: 3000 lm**

**Input Watts: 26.1 W**

**Efficacy: 115 lm/W**

IES FILE: TRAYFIT-22-3000-80-35-SO.IES

TESTED ACCORDING TO IES LM-79-2008

### CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles |      |      |      |      |
|----------------|-------------------|------|------|------|------|
|                | 0                 | 22.5 | 45   | 67.5 | 90   |
| 0              | 1099              | 1099 | 1099 | 1099 | 1099 |
| 5              | 1089              | 1089 | 1090 | 1093 | 1093 |
| 15             | 1048              | 1049 | 1052 | 1055 | 1057 |
| 25             | 966               | 967  | 973  | 978  | 980  |
| 35             | 844               | 845  | 853  | 860  | 863  |
| 45             | 693               | 693  | 699  | 708  | 712  |
| 55             | 523               | 521  | 526  | 533  | 537  |
| 65             | 347               | 343  | 345  | 350  | 353  |
| 75             | 175               | 170  | 171  | 172  | 175  |
| 85             | 39                | 36   | 35   | 34   | 35   |
| 90             | 1                 | 1    | 1    | 1    | 1    |

### ZONAL LUMENS

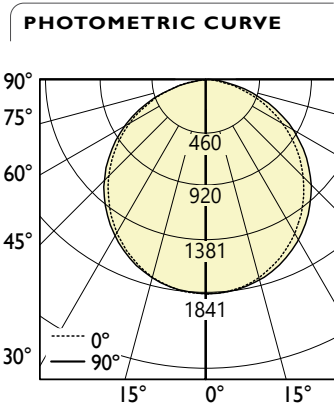
| Zone  | Lumens |
|-------|--------|
| 0     |        |
| 0-10  | 104    |
| 10-20 | 298    |
| 20-30 | 451    |
| 30-40 | 537    |
| 40-50 | 546    |
| 50-60 | 478    |
| 60-70 | 350    |
| 70-80 | 189    |
| 80-90 | 47     |
| 90    |        |

### LUMINANCE DATA (cd/m²)

| Vertical Angle | Horizontal Angles |      |      |
|----------------|-------------------|------|------|
|                | 0                 | 45   | 90   |
| 45             | 3239              | 3267 | 3326 |
| 55             | 3014              | 3031 | 3096 |
| 65             | 2710              | 2698 | 2763 |
| 75             | 2236              | 2177 | 2235 |
| 85             | 1490              | 1317 | 1338 |

**i** All IES files are available for download at: [www.axislighting.com](http://www.axislighting.com)

● PHOTOMETRIC DATA



**Total Lumens: 5000 lm**  
**Input Watts: 43.5 W**  
**Efficacy: 115 lm/W**  
IES FILE: TRAYFIT-22-5000-80-35-SO.IES  
TESTED ACCORDING TO IES LM-79-2008

| CANDELA DISTRIBUTION |                   |      |      |      |      |
|----------------------|-------------------|------|------|------|------|
| Vertical Angle       | Horizontal Angles |      |      |      |      |
|                      | 0                 | 22.5 | 45   | 67.5 | 90   |
| 0                    | 1831              | 1831 | 1831 | 1831 | 1831 |
| 5                    | 1815              | 1815 | 1817 | 1821 | 1822 |
| 15                   | 1747              | 1748 | 1754 | 1759 | 1762 |
| 25                   | 1609              | 1611 | 1621 | 1630 | 1633 |
| 35                   | 1407              | 1409 | 1421 | 1433 | 1438 |
| 45                   | 1155              | 1155 | 1165 | 1180 | 1186 |
| 55                   | 872               | 869  | 877  | 889  | 896  |
| 65                   | 578               | 571  | 575  | 583  | 589  |
| 75                   | 292               | 284  | 284  | 286  | 292  |
| 85                   | 65                | 60   | 58   | 57   | 59   |
| 90                   | 2                 | 2    | 2    | 2    | 2    |

| ZONAL LUMENS |        |
|--------------|--------|
| Zone         | Lumens |
| 0            |        |
| 0-10         | 173    |
| 10-20        | 497    |
| 20-30        | 751    |
| 30-40        | 895    |
| 40-50        | 909    |
| 50-60        | 797    |
| 60-70        | 583    |
| 70-80        | 315    |
| 80-90        | 79     |
| 90           |        |

| LUMINANCE DATA (cd/m²) |                   |      |      |
|------------------------|-------------------|------|------|
| Vertical Angle         | Horizontal Angles |      |      |
|                        | 0                 | 45   | 90   |
| 45                     | 5397              | 5445 | 5543 |
| 55                     | 5022              | 5052 | 5160 |
| 65                     | 4516              | 4497 | 4605 |
| 75                     | 3726              | 3628 | 3725 |
| 85                     | 2483              | 2196 | 2231 |

**i** All IES files are available for download at: [www.axislighting.com](http://www.axislighting.com)