



Project \_\_\_\_\_

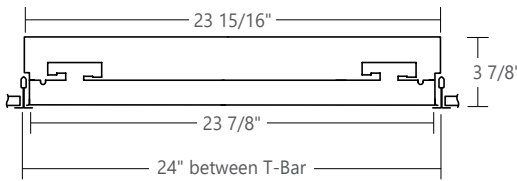
Type \_\_\_\_\_

Notes \_\_\_\_\_

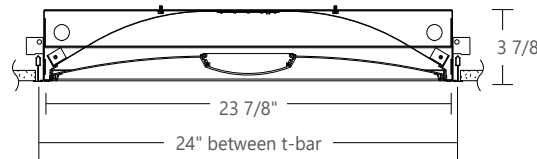
**PERFORMANCE AT 4000K**

| NOMINAL LUMEN OUTPUT | INPUT WATTS* | EFFICACY |
|----------------------|--------------|----------|
| 2500 lm              | 21.40 W      | 117 lm/W |
| 3000 lm              | 26.23 W      | 115 lm/W |
| 4000 lm              | 37.41 W      | 107 lm/W |
| 4400 lm              | 40.18 W      | 110 lm/W |

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



SIDE VIEW



SECTION VIEW

**Ordering Guide**

| PRODUCT ID                    | SIZE            | NOMINAL LUMENS                                                                                                                                      | CRI               | COLOR TEMP. (choose one)                                                                                                                                        | SHIELDING               | FINISH          |
|-------------------------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-----------------|
| <b>DAYFLED</b> DAY flat LED   | <b>22</b> 2'X2' | <b>1300</b> 1300 lm - Min                                                                                                                           | <b>80</b> 80 CRI  | <b>27</b> 2700 K                                                                                                                                                | <b>SO</b> spotless lens | <b>W</b> white  |
| <b>DAYCLED</b> DAY curve LED* |                 | <b>4300</b> 4300 lm - Max at 90 CRI                                                                                                                 | <b>90</b> 90 CRI* | <b>30</b> 3000 K                                                                                                                                                |                         | <b>C</b> custom |
|                               |                 | <b>4900</b> 4900 lm - Max at 80 CRI                                                                                                                 |                   | <b>35</b> 3500 K                                                                                                                                                |                         |                 |
|                               |                 |                                                                                                                                                     |                   | <b>40</b> 4000 K                                                                                                                                                |                         |                 |
|                               |                 |                                                                                                                                                     |                   | <b>B30</b> 3000 K - BIOS*                                                                                                                                       |                         |                 |
|                               |                 |                                                                                                                                                     |                   | <b>B35</b> 3500 K - BIOS*                                                                                                                                       |                         |                 |
|                               |                 |                                                                                                                                                     |                   | <b>B40</b> 4000 K - BIOS*                                                                                                                                       |                         |                 |
| *DLC qualified                |                 | Outputs between listed min and max are available. Consult factory for outputs outside of the listed range. Consult factory for max output with BIOS |                   | *Not available with BIOS. Consult Axitune technical sheet for more information of color technology. *Consult BIOS guide for more information on BIOS technology |                         |                 |

| VOLTAGE                                                                 | DRIVER                                           | CIRCUITS                                  | MOUNTING                   | BATTERY (OPTIONAL)                                |
|-------------------------------------------------------------------------|--------------------------------------------------|-------------------------------------------|----------------------------|---------------------------------------------------|
| <b>120</b> 120 V                                                        | <b>DP</b> dimming (0-10V) 1%                     | <b>1</b> 1 circuit                        | <b>TB9</b> t-bar 9/16"     | <b>B(#)</b> battery pack                          |
| <b>277</b> 277 V                                                        | <b>LT</b> Lutron                                 | <b>+E(#)</b> emergency circuit*           | <b>TB15</b> t-bar 15/16"   |                                                   |
| <b>347</b> 347 V                                                        | <b>BI</b> bi-level dimming                       | <b>+NL(#)</b> night light circuit*        | <b>ST</b> screw slot t-bar |                                                   |
| <b>UNV</b> universal                                                    | <b>O(#)</b> other**                              | <b>+GTD(#)</b> generator transfer device* | <b>TG9</b> tegular 9/16"   |                                                   |
| <b>DC</b> low voltage*                                                  | <b>DPB(STC)</b> dimming (0-10V) 1% with BIOS*    |                                           | <b>TG15</b> tegular 15/16" | Not available with 347V<br>Please consult factory |
|                                                                         | <b>DPB(DYN)</b> Bio-dimming™ 100%-81% with BIOS* |                                           | <b>DF</b> drywall flange   |                                                   |
|                                                                         | <b>TW(#)</b> tunable white drivers*              |                                           |                            |                                                   |
|                                                                         | <b>POE(#)</b> POE drivers*                       |                                           |                            |                                                   |
| * Only available with POE drivers.                                      |                                                  | *Specify quantity                         |                            |                                                   |
| * See page 2 to specify system<br>** Please consult factory; see page 2 |                                                  |                                           |                            |                                                   |

| OTHER (OPTIONAL)                                                                                                                                                                                                                                  | IC CONTROLS (OPTIONAL)                    | CUSTOM (OPTIONAL) |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------|
| <b>FW</b> flex whip (6' std)*                                                                                                                                                                                                                     | <b>DS(#)</b> daylight sensor              | <b>C</b> custom   |
| <b>CP</b> Chicago plenum                                                                                                                                                                                                                          | <b>OS(#)</b> occupancy sensor             |                   |
|                                                                                                                                                                                                                                                   | <b>DOS(#)</b> daylight & occupancy sensor | Please specify    |
|                                                                                                                                                                                                                                                   | <b>EN(#)</b> Enlighted integral *         |                   |
|                                                                                                                                                                                                                                                   | <b>ENR(#)</b> Enlighted remote *          |                   |
|                                                                                                                                                                                                                                                   | <b>WC(#)</b> wireless control dimming     |                   |
| * Other lengths available; please consult factory.                                                                                                                                                                                                |                                           |                   |
| *Please consult factory<br>Specify quantity. Requires 1.5" blank.<br><a href="#">See integrated controls guide for more details.</a><br>Consult factory for Tunable White.<br>Not available with DPB (DYN) driver for BIOS with Dynamic Spectrum. |                                           |                   |

SPECIFY DRIVER NAME (if needed)

SPECIFY BATTERY NAME (if needed)

## ● 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>BIOS DPB drivers*</b>                | STC - BIOS control 0-10V with static spectrum and BIOS SkyBlue enabled from 100% to 1%.<br>DYN - BIOS control 0-10V with dynamic spectrum and BIOS SkyBlue® with Bio-Dimming™, which changes spectral qualities by removing the SkyBlue component when dimming from 100% to 81%, while light output remains relatively constant; bio-dimming reduces CCT to 2700K. Dimming from 80% to 1% will then reduce light output. |
| <b>Tunable White TW drivers*</b>        | DALIDT6 - DALI Type 6 (Two DALI Addresses)<br>DALIDT8 - DALI Type 8 (One DALI Address)                                                                                                                                                                                                                                                                                                                                   |
| <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.                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Flex Whip</b>                        | Shipped in a separate box for contractors to install                                                                                                                                                                                                                                                                                                                                                                     |

\*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.

## ● FINISH

Highly reflective, matte powder coat white paint for high efficiency. Matte texture to diffuse glare and lamp image on the surface within the optical chamber exterior. Custom finishes are also available.

## ● WEIGHT

|                         |                 |
|-------------------------|-----------------|
| <b>Standard</b>         | 19 lbs / 8.6 kg |
| <b>Drywall with Kit</b> | 21 lbs / 9.6 kg |

## ● 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>CRI BIOS</b>            | Minimum 80 color rendering index with R9>75 for all CCTs.                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <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>CCT BIOS</b>            | BIOS Static (STC) Choice of 3000K, 3500K and 4000K.<br>BIOS SkyBlue® Dynamic (DYN) Choice of 3000K, 3500K, and 4000K with Bio-Dimming™<br>BIOS Tunable White (BTW) Choice of 4000-2700K and 3500-2700K; does not use a bio-dimmer, it uses TW drivers, which allow independent control of CCT and intensity; e.g., BTW4027 provides combined SkyBlue + white light at 4000K, SkyBlue is removed at 2700K. Light output can be adjusted for each CCT.<br><a href="#">Consult BIOS guide for more information on BIOS technology.</a> |
| <b>CCT Axitune Systems</b> | <a href="#">Consult Axitune technical sheet for more information on color technology.</a>                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <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).                                                                                                                                                                                                                                                                                                                                                                                                                                      |

## ● SPECIFICATIONS

|                             |                                               |
|-----------------------------|-----------------------------------------------|
| <b>Housing</b>              | Die formed cold rolled sheet steel (20 gauge) |
| <b>Central Lens Housing</b> | Extruded aluminum (0.060" nominal)            |
| <b>Lens</b>                 | Spotless acrylic lens                         |
| <b>Side lens</b>            | 0.08" PMMA satin blend                        |
| <b>Reflectors</b>           | Die formed cold rolled sheet steel (22 gauge) |
| <b>Interior Brackets</b>    | Die formed cold rolled sheet steel (20 gauge) |
| <b>Drywall Flange Kit</b>   | Extruded aluminum (0.060" nominal)            |

## ● APPROVALS

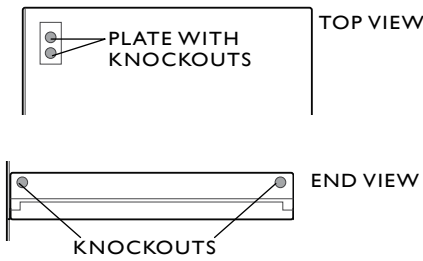
Certified to UL and CSA standards  
Chicago Plenum Certified (CCEA)  
Meets NYC requirements  
Suitable for damp locations.  
IC Rated (Insulated ceiling)



● STANDARD AND END MOUNT POWER FEED

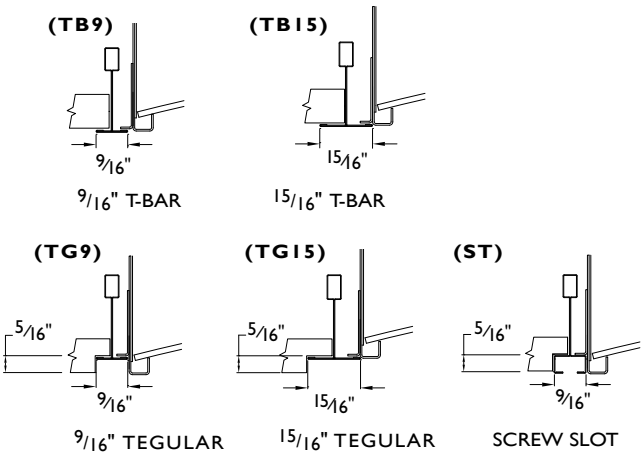
Knockouts for BX cable connection are provided both on the top and on the ends of the luminaire. This allows for an end mount power feed solution if it is required.

(BX CABLE BY OTHER)

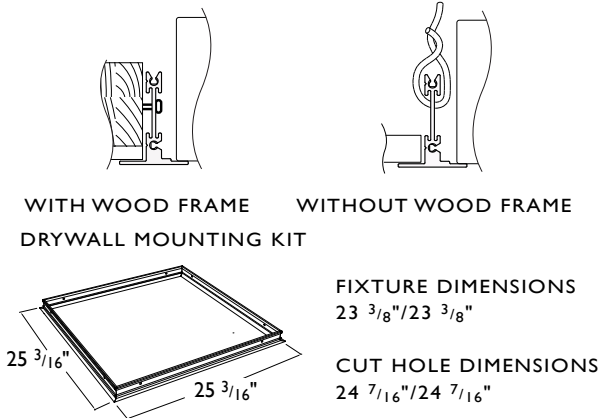


● CEILING SYSTEM

T-BAR STYLE MOUNTING



● DRYWALL WITH FLANGE KIT (DF)



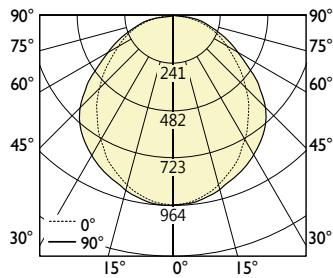
**i** Installation sheets for all mounting options are available at: [www.axislighting.com](http://www.axislighting.com)

## ● PHOTOMETRIC DATA

## LED



## PHOTOMETRIC CURVE



**Luminaire Lumens: 2500 lm**  
**Input Watts: 21.40 W**  
**Efficacy: 117 lm/W**  
 IES FILE: DAYLED-22-2500-80-40-SO.ies

TESTED ACCORDING TO IES LM-79-2008

## CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles |      |     |      |     | Zonal Lumens |
|----------------|-------------------|------|-----|------|-----|--------------|
|                | 0                 | 22.5 | 45  | 67.5 | 90  |              |
| 0              | 963               | 963  | 963 | 963  | 963 | 1            |
| 10             | 937               | 939  | 942 | 947  | 949 | 45           |
| 20             | 859               | 863  | 875 | 889  | 897 | 82           |
| 30             | 744               | 753  | 784 | 819  | 835 | 108          |
| 40             | 609               | 628  | 675 | 718  | 738 | 119          |
| 50             | 466               | 489  | 534 | 570  | 588 | 111          |
| 60             | 324               | 340  | 368 | 387  | 399 | 86           |
| 70             | 188               | 194  | 203 | 208  | 213 | 52           |
| 80             | 72                | 71   | 69  | 65   | 62  | 18           |
| 90             | 0                 | 0    | 0   | 0    | 0   | 0            |

LUMINANCE DATA (cd/m<sup>2</sup>)

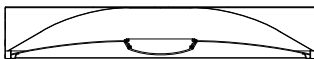
| Vertical Angle | Horizontal Angles |      |      |
|----------------|-------------------|------|------|
|                | 0                 | 45   | 90   |
| 45             | 2512              | 2840 | 3129 |
| 55             | 2267              | 2603 | 2850 |
| 65             | 1980              | 2208 | 2358 |
| 75             | 1605              | 1675 | 1698 |
| 85             | 1002              | 829  | 656  |

## COEFFICIENTS OF UTILIZATION (%)

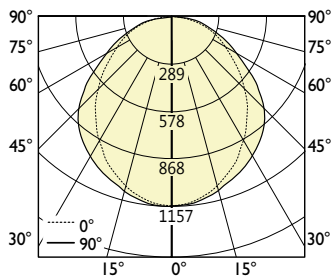
| Ceiling | 80  |     |     |     | 70  |     |     |     | 50  |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Wall    | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  | 10  |
| 0       | 119 | 119 | 119 | 119 | 117 | 117 | 117 | 117 | 111 | 111 | 111 | 111 |
| 1       | 110 | 105 | 101 | 96  | 107 | 103 | 99  | 94  | 99  | 96  | 92  | 92  |
| 2       | 100 | 92  | 86  | 78  | 98  | 90  | 84  | 77  | 87  | 82  | 75  | 75  |
| 3       | 92  | 81  | 73  | 64  | 89  | 80  | 72  | 64  | 77  | 71  | 63  | 63  |
| 4       | 84  | 72  | 64  | 54  | 82  | 71  | 63  | 54  | 68  | 62  | 54  | 54  |
| 5       | 77  | 65  | 56  | 47  | 75  | 64  | 55  | 47  | 61  | 54  | 46  | 46  |
| 6       | 71  | 58  | 50  | 41  | 70  | 57  | 49  | 41  | 56  | 48  | 40  | 40  |
| 7       | 66  | 53  | 44  | 36  | 65  | 52  | 44  | 36  | 51  | 43  | 36  | 36  |
| 8       | 62  | 48  | 40  | 32  | 60  | 48  | 40  | 32  | 46  | 39  | 32  | 32  |
| 9       | 58  | 44  | 36  | 29  | 56  | 44  | 36  | 29  | 43  | 36  | 29  | 29  |
| 10      | 54  | 41  | 33  | 26  | 53  | 41  | 33  | 26  | 40  | 33  | 26  | 26  |

Based on floor reflectance of 20

## LED



## PHOTOMETRIC CURVE



**Luminaire Lumens: 3000 lm**  
**Input Watts: 26.23 W**  
**Efficacy: 115 lm/W**  
 IES FILE: DAYLED-22-3000-80-40-SO.ies

TESTED ACCORDING TO IES LM-79-2008

## CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles |      |      |      |      | Zonal Lumens |
|----------------|-------------------|------|------|------|------|--------------|
|                | 0                 | 22.5 | 45   | 67.5 | 90   |              |
| 0              | 1156              | 1156 | 1156 | 1156 | 1156 | 2            |
| 10             | 1124              | 1126 | 1131 | 1136 | 1138 | 54           |
| 20             | 1031              | 1035 | 1050 | 1067 | 1076 | 99           |
| 30             | 893               | 904  | 941  | 983  | 1001 | 129          |
| 40             | 731               | 753  | 810  | 861  | 885  | 142          |
| 50             | 559               | 587  | 640  | 684  | 706  | 134          |
| 60             | 389               | 408  | 441  | 464  | 478  | 104          |
| 70             | 225               | 233  | 244  | 250  | 256  | 62           |
| 80             | 86                | 85   | 83   | 78   | 74   | 22           |
| 90             | 0                 | 0    | 0    | 0    | 0    | 0            |

LUMINANCE DATA (cd/m<sup>2</sup>)

| Vertical Angle | Horizontal Angles |      |      |
|----------------|-------------------|------|------|
|                | 0                 | 45   | 90   |
| 45             | 3014              | 3408 | 3755 |
| 55             | 2721              | 3124 | 3420 |
| 65             | 2376              | 2650 | 2829 |
| 75             | 1926              | 2010 | 2038 |
| 85             | 1202              | 995  | 788  |

## COEFFICIENTS OF UTILIZATION (%)

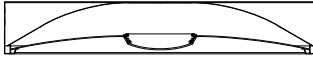
| Ceiling | 80  |     |     |     | 70  |     |     |     | 50  |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Wall    | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  | 10  |
| 0       | 119 | 119 | 119 | 119 | 117 | 117 | 117 | 117 | 111 | 111 | 111 | 111 |
| 1       | 110 | 105 | 101 | 96  | 107 | 103 | 99  | 94  | 99  | 96  | 92  | 92  |
| 2       | 100 | 92  | 86  | 78  | 98  | 90  | 84  | 77  | 87  | 82  | 75  | 75  |
| 3       | 92  | 81  | 73  | 64  | 89  | 80  | 72  | 64  | 77  | 71  | 63  | 63  |
| 4       | 84  | 72  | 64  | 54  | 82  | 71  | 63  | 54  | 68  | 62  | 54  | 54  |
| 5       | 77  | 65  | 56  | 47  | 75  | 64  | 55  | 47  | 61  | 54  | 46  | 46  |
| 6       | 71  | 58  | 50  | 41  | 70  | 57  | 49  | 41  | 56  | 48  | 40  | 40  |
| 7       | 66  | 53  | 44  | 36  | 65  | 52  | 44  | 36  | 51  | 43  | 36  | 36  |
| 8       | 62  | 48  | 40  | 32  | 60  | 48  | 40  | 32  | 46  | 39  | 32  | 32  |
| 9       | 58  | 44  | 36  | 29  | 56  | 44  | 36  | 29  | 43  | 36  | 29  | 29  |
| 10      | 54  | 41  | 33  | 26  | 53  | 41  | 33  | 26  | 40  | 33  | 26  | 26  |

Based on floor reflectance of 20

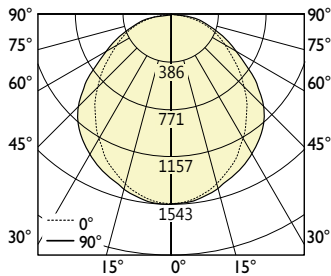
**i** All IES files are available for download at: [www.axislighting.com](http://www.axislighting.com)

## ● PHOTOMETRIC DATA

## LED



## PHOTOMETRIC CURVE



**Luminaire Lumens: 4000 lm**  
**Input Watts: 37.41 W**  
**Efficacy: 107 lm/W**  
 IES FILE: DAYLED-22-4000-80-40-SO.ies

TESTED ACCORDING TO IES LM-79-2008

## CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles |      |      |      |      | Zonal Lumens |
|----------------|-------------------|------|------|------|------|--------------|
|                | 0                 | 22.5 | 45   | 67.5 | 90   |              |
| 0              | 1541              | 1541 | 1541 | 1541 | 1541 | 2            |
| 10             | 1499              | 1502 | 1507 | 1515 | 1518 | 72           |
| 20             | 1375              | 1381 | 1399 | 1423 | 1435 | 131          |
| 30             | 1191              | 1205 | 1255 | 1310 | 1335 | 173          |
| 40             | 975               | 1004 | 1080 | 1148 | 1181 | 190          |
| 50             | 746               | 782  | 854  | 912  | 941  | 178          |
| 60             | 518               | 544  | 588  | 619  | 638  | 138          |
| 70             | 301               | 311  | 325  | 333  | 341  | 83           |
| 80             | 115               | 114  | 111  | 104  | 99   | 29           |
| 90             | 0                 | 0    | 0    | 0    | 0    | 0            |

LUMINANCE DATA (cd/m<sup>2</sup>)

| Vertical Angle | Horizontal Angles |      |      |
|----------------|-------------------|------|------|
|                | 0                 | 45   | 90   |
| 45             | 4019              | 4544 | 5007 |
| 55             | 3628              | 4165 | 4560 |
| 65             | 3169              | 3533 | 3773 |
| 75             | 2568              | 2680 | 2717 |
| 85             | 1603              | 1326 | 1050 |

## COEFFICIENTS OF UTILIZATION (%)

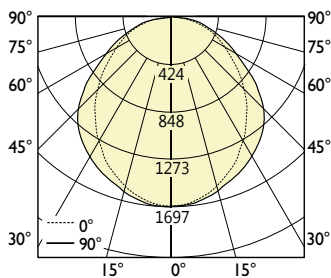
| Ceiling | 80  |     |     |     | 70  |     |     |     | 50  |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|         | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  | 10  |
| Wall    | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  | 10  |
| 0       | 119 | 119 | 119 | 119 | 117 | 117 | 117 | 117 | 111 | 111 | 111 | 111 |
| 1       | 110 | 105 | 101 | 96  | 107 | 103 | 99  | 94  | 99  | 96  | 92  | 92  |
| 2       | 100 | 92  | 86  | 78  | 98  | 90  | 84  | 77  | 87  | 82  | 75  | 75  |
| 3       | 92  | 81  | 73  | 64  | 89  | 80  | 72  | 64  | 77  | 71  | 63  | 63  |
| 4       | 84  | 72  | 64  | 54  | 82  | 71  | 63  | 54  | 68  | 62  | 54  | 54  |
| 5       | 77  | 65  | 56  | 47  | 75  | 64  | 55  | 47  | 61  | 54  | 46  | 46  |
| 6       | 71  | 58  | 50  | 41  | 70  | 57  | 49  | 41  | 56  | 48  | 40  | 40  |
| 7       | 66  | 53  | 44  | 36  | 65  | 52  | 44  | 36  | 51  | 43  | 36  | 36  |
| 8       | 62  | 48  | 40  | 32  | 60  | 48  | 40  | 32  | 46  | 39  | 32  | 32  |
| 9       | 58  | 44  | 36  | 29  | 56  | 44  | 36  | 29  | 43  | 36  | 29  | 29  |
| 10      | 54  | 41  | 33  | 26  | 53  | 41  | 33  | 26  | 40  | 33  | 26  | 26  |

Based on floor reflectance of 20

## LED



## PHOTOMETRIC CURVE



**Luminaire Lumens: 4400 lm**  
**Input Watts: 40.18 W**  
**Efficacy: 110 lm/W**  
 IES FILE: DAYLED-22-4400-80-40-SO.ies

TESTED ACCORDING TO IES LM-79-2008

## CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles |      |      |      |      | Zonal Lumens |
|----------------|-------------------|------|------|------|------|--------------|
|                | 0                 | 22.5 | 45   | 67.5 | 90   |              |
| 0              | 1695              | 1695 | 1695 | 1695 | 1695 | 3            |
| 10             | 1649              | 1652 | 1658 | 1666 | 1669 | 79           |
| 20             | 1512              | 1519 | 1539 | 1565 | 1578 | 145          |
| 30             | 1310              | 1326 | 1381 | 1442 | 1469 | 190          |
| 40             | 1072              | 1104 | 1188 | 1263 | 1299 | 209          |
| 50             | 820               | 860  | 939  | 1003 | 1035 | 196          |
| 60             | 570               | 599  | 647  | 681  | 702  | 152          |
| 70             | 331               | 342  | 358  | 366  | 376  | 91           |
| 80             | 127               | 125  | 122  | 114  | 109  | 32           |
| 90             | 0                 | 0    | 0    | 0    | 0    | 0            |

LUMINANCE DATA (cd/m<sup>2</sup>)

| Vertical Angle | Horizontal Angles |      |      |
|----------------|-------------------|------|------|
|                | 0                 | 45   | 90   |
| 45             | 4421              | 4998 | 5508 |
| 55             | 3991              | 4582 | 5016 |
| 65             | 3485              | 3887 | 4150 |
| 75             | 2825              | 2948 | 2989 |
| 85             | 1763              | 1459 | 1155 |

## COEFFICIENTS OF UTILIZATION (%)

| Ceiling | 80  |     |     |     | 70  |     |     |     | 50  |     |     |  |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| Wall    | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  |  |
| 0       | 119 | 119 | 119 | 119 | 117 | 117 | 117 | 117 | 111 | 111 | 111 |  |
| 1       | 110 | 105 | 101 | 96  | 107 | 103 | 99  | 94  | 99  | 96  | 92  |  |
| 2       | 100 | 92  | 86  | 78  | 98  | 90  | 84  | 77  | 87  | 82  | 75  |  |
| 3       | 92  | 81  | 73  | 64  | 89  | 80  | 72  | 64  | 77  | 71  | 63  |  |
| 4       | 84  | 72  | 64  | 54  | 82  | 71  | 63  | 54  | 68  | 62  | 54  |  |
| 5       | 77  | 65  | 56  | 47  | 75  | 64  | 55  | 47  | 61  | 54  | 46  |  |
| 6       | 71  | 58  | 50  | 41  | 70  | 57  | 49  | 41  | 56  | 48  | 40  |  |
| 7       | 66  | 53  | 44  | 36  | 65  | 52  | 44  | 36  | 51  | 43  | 36  |  |
| 8       | 62  | 48  | 40  | 32  | 60  | 48  | 40  | 32  | 46  | 39  | 32  |  |
| 9       | 58  | 44  | 36  | 29  | 56  | 44  | 36  | 29  | 43  | 36  | 29  |  |
| 10      | 54  | 41  | 33  | 26  | 53  | 41  | 33  | 26  | 40  | 33  | 26  |  |

Based on floor reflectance of 20

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