



Project _____

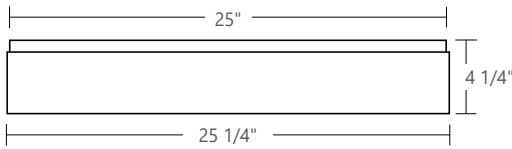
Type _____

Notes _____

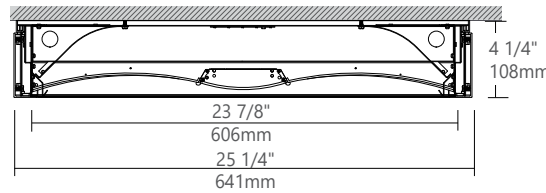
PERFORMANCE AT 4000K

| NOMINAL LUMEN OUTPUT | INPUT WATTS* | EFFICACY |
|----------------------|--------------|----------|
| 2500 lm | 23.09W | 109 lm/W |
| 3000 lm | 28.49W | 105 lm/W |
| 4000 lm | 39.22W | 102 lm/W |
| 4400 lm | 43.64W | 101 lm/W |

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



SIDE VIEW



SECTION VIEW



cULus Listed
Type I.C.



*Check the latest update on the DLC website for complete information. Not all versions may be DLC qualified.

See page 2 for DLC Approved options



CONTROL SENSORS

Ordering Guide

| WALED | | SIZE | NOMINAL LUMENS | | CRI | COLOR TEMP. | SHIELDING | FINISH |
|--|----------|-----------------|-------------------------------|------------------------|--------------------------------------|--|---------------------|---|
| PRODUCT ID | Wave LED | 22 2'X2' | 2500 2500 lm - Minimum | 4400 4400 lm - Maximum | 80 80 CRI 90 90 CRI | 27 2700 K 30 3000 K 35 3500 K 40 4000 K | VL VL optics | W white BLK black C custom |
| Outputs between listed min and max are available. Consult factory for outputs outside of the listed range. | | | | | | | | |

| VOLTAGE | DRIVER | CIRCUITS | MOUNTING/SUSPENSION | BATTERY (OPTIONAL) |
|--|--|--|-------------------------|---|
| 120 120 V 277 277 V 347 347 V UNV universal | DP dimming (0-10V) 1% LT Lutron ⁽¹⁾ BI bi-level dimming O other ⁽²⁾ | 1 1 circuit +E(#) emergency circuit ⁽³⁾ +NL(#) night light circuit ⁽³⁾ +GTD(#) generator transfer device ⁽³⁾ | SM surface mount | B# Battery Pack |
| | (1) Specify system (2) Please consult factory | (3) Specify quantity | | Not available with 347V Please consult factory |

| OTHER (OPTIONAL) | IC CONTROLS (OPTIONAL) | CUSTOM (OPTIONAL) |
|---|--|-------------------|
| F fuse ⁽⁴⁾ FW(#) flex whip (6' std) | DS# daylight sensor OS# occupancy sensor DOS# daylight & occupancy sensor EN# Enlighted integral ⁽⁵⁾ ENR# Enlighted remote ⁽⁵⁾ WC# wireless control dimming | C custom |
| (4) Requires 120V or 277V | (5) Please consult factory Specify quantity. Requires 1.5" blank. See integrated controls guide for more details. | Please specify |

SPECIFY DRIVER NAME (if needed)

SPECIFY BATTERY NAME (if needed)

● SPECIFICATIONS

- Housing** Die formed cold rolled sheet steel (20 gauge)
- Central Lens Housing** Extruded aluminum (0.060" nominal)
- Center Lens** PMMA Precision formed microconical structure
92 percent transmission, cuts off glare above 55°.
- Side lens** 0.08" PMMA satin blend
- Reflectors** Die formed cold rolled sheet steel (22 gauge)
- Interior Brackets** Die formed cold rolled sheet steel (20 gauge)
- Surface Mount Kit** Extruded aluminum (0.070" nominal)

● ELECTRICAL

- Lutron driver*** LDE1 - EcoSystem H-Series (1%)
LDE5 - EcoSystem 5-Series (5%)
LTE - Hi-Lume® A-series 2Wires Forward Phase (1%)
*Consult factory

- Other drivers** DALI - Digital Addressable Lighting Interface
DMX - Digital Multiplex
LV - line voltage - Advance Mark 10
Xitanium SR - For wireless sensor

- Emergency** Integral emergency battery pack or emergency circuit optional.

- Input Voltage** 120V, 277V, 347V, UNV.

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.

● WARRANTY

Axis Lighting will warrant defective LEDs, boards, and drivers for 5 years from date of purchase. Warranty is valid if luminaire is installed and used according to specifications. If defective, Axis will send replacement boards or drivers at no cost along with detailed replacement instructions and instructions on how to return defective components to Axis.

● APPROVALS

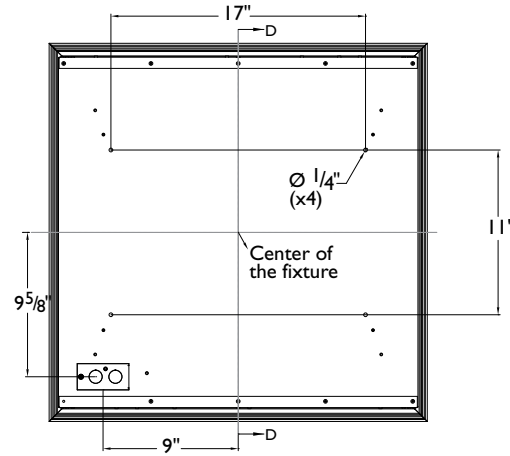
Certified to UL and CSA standards 
Meets NYC requirements
Suitable for damp locations.

● WEIGHT

Surface Mount 24 lbs / 10.9 kg

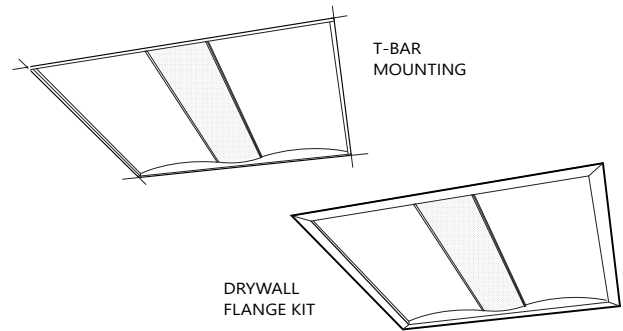
● CEILING SYSTEM

MOUNTING HOLES POSITION



RECESSED OPTION

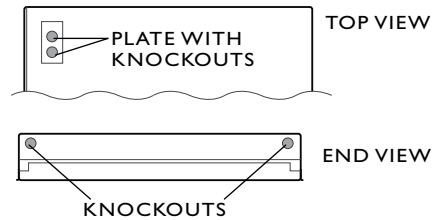
For more details see recessed specification sheets available at www.axislighting.com



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

● 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 OTHERS)



● DLC Approved Options

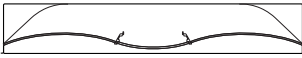


*Check the latest update on the DLC website for complete information. Not all versions may be DLC qualified.

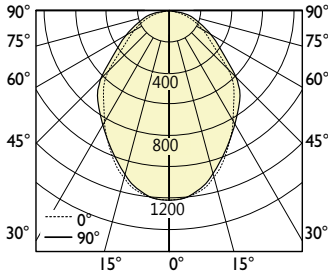
| SIZE | OUTPUT | CRI | LUMENS | SHIELDING | FINISH | VOLTAGE | DRIVER | CIRCUITS |
|-------|---------|-----|--------|-----------|--------|-----------|--------|----------|
| 2'X2' | 2500 lm | 80 | 3000 K | VL | white | universal | DP | 1 |
| | 3000 lm | | 3500 K | | | | | |
| | 4000 lm | | 4000 K | | | | | |
| | 4400 lm | | | | | | | |

● **PHOTOMETRIC DATA**

LED



PHOTOMETRIC CURVE



Luminaire Lumens: 2500 lm
Input Watts: 23.09 W
Efficacy: 109 lm/W
 IES FILE: WALED-22-2500-80-40-VL.ies

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles | | | | | Zonal Lumens |
|----------------|-------------------|------|------|------|------|--------------|
| | 0 | 22.5 | 45 | 67.5 | 90 | |
| 0 | 1209 | 1209 | 1209 | 1209 | 1209 | |
| 10 | 1164 | 1163 | 1162 | 1161 | 1160 | 55.31 |
| 20 | 1015 | 1011 | 1014 | 1017 | 1016 | 95.11 |
| 30 | 820 | 832 | 853 | 869 | 875 | 116.56 |
| 40 | 650 | 671 | 708 | 727 | 733 | 123.24 |
| 50 | 400 | 425 | 445 | 470 | 487 | 93.63 |
| 60 | 249 | 273 | 293 | 313 | 323 | 69.14 |
| 70 | 152 | 167 | 182 | 197 | 212 | 46.88 |
| 80 | 69 | 76 | 86 | 87 | 86 | 22.04 |
| 90 | 0 | 0 | 0 | 0 | 0 | |

LUMINANCE DATA (CD/M²)

| Vertical Angle | Horizontal Angles | | |
|----------------|-------------------|------|------|
| | 0 | 45 | 90 |
| 45 | 2250 | 2464 | 2570 |
| 55 | 1594 | 1885 | 2046 |
| 65 | 1410 | 1642 | 1875 |
| 75 | 1312 | 1554 | 1819 |
| 85 | 957 | 923 | 786 |

COEFFICIENTS OF UTILIZATION (%)

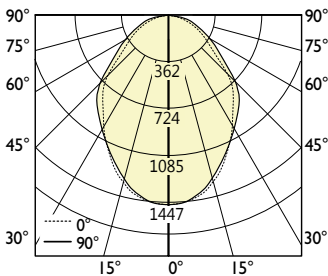
| Ceiling | 80 | | | | 70 | | | | 50 | | | |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 |
| Wall | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 |
| 0 | 119 | 119 | 119 | 119 | 117 | 117 | 117 | 117 | 111 | 111 | 111 | 111 |
| 1 | 110 | 106 | 102 | 97 | 107 | 103 | 100 | 95 | 99 | 96 | 92 | 92 |
| 2 | 101 | 93 | 87 | 79 | 98 | 91 | 86 | 79 | 88 | 83 | 77 | 77 |
| 3 | 93 | 83 | 75 | 67 | 90 | 81 | 74 | 66 | 78 | 72 | 65 | 65 |
| 4 | 86 | 74 | 66 | 57 | 83 | 73 | 65 | 57 | 71 | 64 | 56 | 56 |
| 5 | 79 | 67 | 59 | 50 | 77 | 66 | 58 | 50 | 64 | 57 | 49 | 49 |
| 6 | 73 | 61 | 52 | 44 | 72 | 60 | 52 | 44 | 58 | 51 | 44 | 44 |
| 7 | 68 | 56 | 47 | 39 | 67 | 55 | 47 | 39 | 53 | 46 | 39 | 39 |
| 8 | 64 | 51 | 43 | 35 | 62 | 50 | 43 | 35 | 49 | 42 | 35 | 35 |
| 9 | 60 | 47 | 39 | 32 | 59 | 47 | 39 | 32 | 45 | 39 | 32 | 32 |
| 10 | 56 | 44 | 36 | 29 | 55 | 43 | 36 | 29 | 42 | 35 | 29 | 29 |

Based on floor reflectance of 20

LED



PHOTOMETRIC CURVE



Luminaire Lumens: 3000 lm
Input Watts: 28.49W
Efficacy: 105 lm/W
 IES FILE: WALED-22-3000-80-40-VL.ies

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles | | | | | Zonal Lumens |
|----------------|-------------------|------|------|------|------|--------------|
| | 0 | 22.5 | 45 | 67.5 | 90 | |
| 0 | 1447 | 1447 | 1447 | 1447 | 1447 | |
| 10 | 1393 | 1392 | 1391 | 1390 | 1389 | 66 |
| 20 | 1215 | 1210 | 1214 | 1217 | 1216 | 114 |
| 30 | 982 | 996 | 1021 | 1040 | 1047 | 140 |
| 40 | 778 | 803 | 848 | 870 | 877 | 148 |
| 50 | 479 | 509 | 533 | 563 | 583 | 112 |
| 60 | 298 | 327 | 351 | 375 | 387 | 83 |
| 70 | 182 | 200 | 218 | 236 | 254 | 56 |
| 80 | 83 | 91 | 103 | 104 | 103 | 26 |
| 90 | 0 | 0 | 0 | 0 | 0 | |

LUMINANCE DATA (CD/M²)

| Vertical Angle | Horizontal Angles | | |
|----------------|-------------------|------|------|
| | 0 | 45 | 90 |
| 45 | 2693 | 2950 | 3076 |
| 55 | 1909 | 2257 | 2450 |
| 65 | 1688 | 1966 | 2245 |
| 75 | 1571 | 1860 | 2177 |
| 85 | 1146 | 1105 | 941 |

COEFFICIENTS OF UTILIZATION (%)

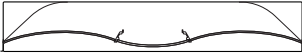
| Ceiling | 80 | | | | 70 | | | | 50 | | | |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 |
| Wall | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 |
| 0 | 119 | 119 | 119 | 119 | 117 | 117 | 117 | 117 | 111 | 111 | 111 | 111 |
| 1 | 110 | 106 | 102 | 97 | 107 | 103 | 100 | 95 | 99 | 96 | 92 | 92 |
| 2 | 101 | 93 | 87 | 79 | 98 | 91 | 86 | 79 | 88 | 83 | 77 | 77 |
| 3 | 93 | 83 | 75 | 67 | 90 | 81 | 74 | 66 | 78 | 72 | 65 | 65 |
| 4 | 86 | 74 | 66 | 57 | 83 | 73 | 65 | 57 | 71 | 64 | 56 | 56 |
| 5 | 79 | 67 | 59 | 50 | 77 | 66 | 58 | 50 | 64 | 57 | 49 | 49 |
| 6 | 73 | 61 | 52 | 44 | 72 | 60 | 52 | 44 | 58 | 51 | 44 | 44 |
| 7 | 68 | 56 | 47 | 39 | 67 | 55 | 47 | 39 | 53 | 46 | 39 | 39 |
| 8 | 64 | 51 | 43 | 35 | 62 | 50 | 43 | 35 | 49 | 42 | 35 | 35 |
| 9 | 60 | 47 | 39 | 32 | 59 | 47 | 39 | 32 | 45 | 39 | 32 | 32 |
| 10 | 56 | 44 | 36 | 29 | 55 | 43 | 36 | 29 | 42 | 35 | 29 | 29 |

Based on floor reflectance of 20

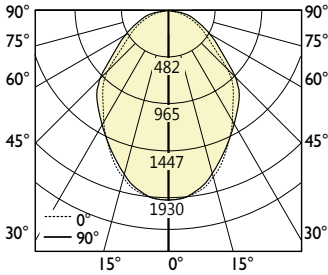
i All IES files are available for download at: www.axislighting.com

● PHOTOMETRIC DATA

LED



PHOTOMETRIC CURVE



Luminaire Lumens: 4000 lm
Input Watts: 39.22 W
Efficacy: 102 lm/W
 IES FILE: WALED-22-4000-80-40-VL.ies

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles | | | | | Zonal Lumens |
|----------------|-------------------|------|------|------|------|--------------|
| | 0 | 22.5 | 45 | 67.5 | 90 | |
| 0 | 1930 | 1930 | 1930 | 1930 | 1930 | |
| 10 | 1858 | 1856 | 1855 | 1853 | 1852 | 88 |
| 20 | 1620 | 1614 | 1619 | 1623 | 1622 | 152 |
| 30 | 1309 | 1328 | 1362 | 1387 | 1397 | 186 |
| 40 | 1038 | 1071 | 1130 | 1160 | 1170 | 197 |
| 50 | 638 | 678 | 710 | 750 | 777 | 149 |
| 60 | 397 | 436 | 468 | 500 | 516 | 110 |
| 70 | 243 | 267 | 291 | 314 | 338 | 75 |
| 80 | 110 | 121 | 137 | 139 | 137 | 35 |
| 90 | 0 | 0 | 0 | 0 | 0 | |

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 | 119 | 119 | 119 | 119 | 117 | 117 | 117 | 117 | 111 | 111 | 111 | |
| 1 | 110 | 106 | 102 | 97 | 107 | 103 | 100 | 95 | 99 | 96 | 92 | |
| 2 | 101 | 93 | 87 | 79 | 98 | 91 | 86 | 79 | 88 | 83 | 77 | |
| 3 | 93 | 83 | 75 | 67 | 90 | 81 | 74 | 66 | 78 | 72 | 65 | |
| 4 | 86 | 74 | 66 | 57 | 83 | 73 | 65 | 57 | 71 | 64 | 56 | |
| 5 | 79 | 67 | 59 | 50 | 77 | 66 | 58 | 50 | 64 | 57 | 49 | |
| 6 | 73 | 61 | 52 | 44 | 72 | 60 | 52 | 44 | 58 | 51 | 44 | |
| 7 | 68 | 56 | 47 | 39 | 67 | 55 | 47 | 39 | 53 | 46 | 39 | |
| 8 | 64 | 51 | 43 | 35 | 62 | 50 | 43 | 35 | 49 | 42 | 35 | |
| 9 | 60 | 47 | 39 | 32 | 59 | 47 | 39 | 32 | 45 | 39 | 32 | |
| 10 | 56 | 44 | 36 | 29 | 55 | 43 | 36 | 29 | 42 | 35 | 29 | |

Based on floor reflectance of 20

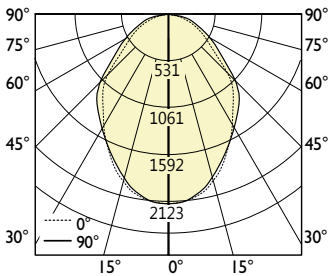
LUMINANCE DATA (CD/M²)

| Vertical Angle | Horizontal Angles | | |
|----------------|-------------------|------|------|
| | 0 | 45 | 90 |
| 45 | 3591 | 3934 | 4102 |
| 55 | 2545 | 3009 | 3266 |
| 65 | 2250 | 2621 | 2993 |
| 75 | 2094 | 2480 | 2903 |
| 85 | 1528 | 1473 | 1255 |

LED



PHOTOMETRIC CURVE



Luminaire Lumens: 4400 lm
Input Watts: 43.64 W
Efficacy: 101 lm/W
 IES FILE: WALED-22-4400-80-40-VL.ies

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles | | | | | Zonal Lumens |
|----------------|-------------------|------|------|------|------|--------------|
| | 0 | 22.5 | 45 | 67.5 | 90 | |
| 0 | 2123 | 2123 | 2123 | 2123 | 2123 | |
| 10 | 2044 | 2042 | 2040 | 2038 | 2037 | 97 |
| 20 | 1782 | 1775 | 1780 | 1786 | 1784 | 167 |
| 30 | 1440 | 1461 | 1498 | 1526 | 1536 | 205 |
| 40 | 1141 | 1178 | 1243 | 1276 | 1287 | 216 |
| 50 | 702 | 746 | 781 | 825 | 855 | 164 |
| 60 | 437 | 479 | 514 | 550 | 567 | 121 |
| 70 | 267 | 293 | 320 | 346 | 372 | 82 |
| 80 | 121 | 133 | 151 | 153 | 151 | 39 |
| 90 | 0 | 0 | 0 | 0 | 0 | |

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 | 119 | 119 | 119 | 119 | 117 | 117 | 117 | 117 | 111 | 111 | 111 | |
| 1 | 110 | 106 | 102 | 97 | 107 | 103 | 100 | 95 | 99 | 96 | 92 | |
| 2 | 101 | 93 | 87 | 79 | 98 | 91 | 86 | 79 | 88 | 83 | 77 | |
| 3 | 93 | 83 | 75 | 67 | 90 | 81 | 74 | 66 | 78 | 72 | 65 | |
| 4 | 86 | 74 | 66 | 57 | 83 | 73 | 65 | 57 | 71 | 64 | 56 | |
| 5 | 79 | 67 | 59 | 50 | 77 | 66 | 58 | 50 | 64 | 57 | 49 | |
| 6 | 73 | 61 | 52 | 44 | 72 | 60 | 52 | 44 | 58 | 51 | 44 | |
| 7 | 68 | 56 | 47 | 39 | 67 | 55 | 47 | 39 | 53 | 46 | 39 | |
| 8 | 64 | 51 | 43 | 35 | 62 | 50 | 43 | 35 | 49 | 42 | 35 | |
| 9 | 60 | 47 | 39 | 32 | 59 | 47 | 39 | 32 | 45 | 39 | 32 | |
| 10 | 56 | 44 | 36 | 29 | 55 | 43 | 36 | 29 | 42 | 35 | 29 | |

Based on floor reflectance of 20

LUMINANCE DATA (CD/M²)

| Vertical Angle | Horizontal Angles | | |
|----------------|-------------------|------|------|
| | 0 | 45 | 90 |
| 45 | 3950 | 4357 | 4512 |
| 55 | 2799 | 3310 | 3593 |
| 65 | 2475 | 2884 | 3292 |
| 75 | 2304 | 2728 | 3193 |
| 85 | 1680 | 1620 | 1380 |

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