



Project: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Cat. #: \_\_\_\_\_  
 Type: \_\_\_\_\_  
 Quantity: \_\_\_\_\_

LED

## ETL 22 | LED Lensed Troffer

### Features:

- High performance LED technology
- 0-10V dimming drivers standard
- Field replaceable LED boards and drivers
- Multiple shielding options optimized to balance efficiency and aesthetics
- Available in multiple lumen output packages for maximum flexibility

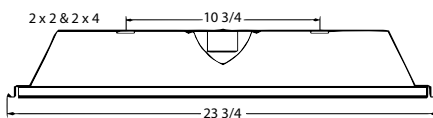
### Applications:

Suitable for most commercial and institutional applications

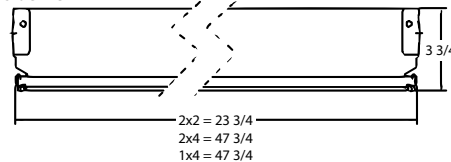
- Office
- Retail
- Classrooms
- Healthcare Facilities

### Schematic:

Cross Section



Side View



### Construction:

- Die-formed heavy-gauge cold rolled steel
- LED tray is precision brake formed from aluminum
- White enamel finish

### Certifications:

- UL 1598 listed for US and Canada, suitable for damp locations
- DesignLights Consortium qualified on specific configurations (refer to DLC qualified products list for exact model numbers) <http://designlights.org/>



### Predicted L70 Lifetime:

- Up to 189,000 hrs (calculated)  
(L70 information for specific configurations available upon request)
- For BAA compliant configurations - up to 189,000 hrs (calculated)

### Warranty:

- 5 year limited system warranty
- See [www.LumenFocus.com](http://www.LumenFocus.com) for complete warranty terms and conditions



Powered by:



EVERLINE  
LED Technology



## Ordering Guide:

example: ETL 22 LW UV A12 840 W6

| Series | Size          | Output                 | Voltage              | Shielding                                                         | CRI/CCT                    | Controls                                                       | Options                                                     |
|--------|---------------|------------------------|----------------------|-------------------------------------------------------------------|----------------------------|----------------------------------------------------------------|-------------------------------------------------------------|
| ETL    | 22            |                        |                      |                                                                   |                            |                                                                |                                                             |
| ETL    | 22<br>2' x 2' | <b>LW</b><br>Low       | <b>UV</b><br>120-277 | <b>A12</b><br>Pattern 12 Prismatic<br>Acrylic Lens                | <b>835</b><br>80 CRI/3500K | <b>Blank</b><br>No Controls                                    | <b>Blank</b><br>No Options                                  |
|        |               | <b>MD</b><br>Medium    | <b>34</b><br>347V    | <b>PW</b><br>Pattern 12 Prismatic<br>Acrylic Lens                 | <b>840</b><br>80 CRI/4000K | <b>ZOSM</b><br>Microwave Occupancy<br>Sensor                   | <b>EXT10</b><br>10-Year Extended<br>Warranty <sup>(1)</sup> |
|        |               | <b>HI</b><br>High      |                      | <b>A23F</b><br>Frosted High Efficiency<br>Pattern 23 Acrylic Lens | <b>850</b><br>80 CRI/5000K | <b>ZOSMD</b><br>0-10V Dimming<br>Microwave Occupancy<br>Sensor | <b>W6</b><br>6' Whip                                        |
|        |               | <b>VH</b><br>Very High |                      |                                                                   |                            |                                                                | <b>EM</b><br>Emergency Pack <sup>(2)</sup>                  |
|        |               |                        |                      |                                                                   |                            |                                                                | <b>F</b><br>Fuse                                            |
|        |               |                        |                      |                                                                   |                            |                                                                | <b>GC</b><br>Grid Clip                                      |
|        |               |                        |                      |                                                                   |                            |                                                                | <b>RLY</b><br>Relay                                         |
|        |               |                        |                      |                                                                   |                            |                                                                | <b>SC</b><br>Safety Cable                                   |
|        |               |                        |                      |                                                                   |                            |                                                                | <b>LVL</b><br>0-10V Dimming Leads for<br>Easy Field Access  |
|        |               |                        |                      |                                                                   |                            |                                                                | <b>BAA</b><br>Buy American Act<br>Compliant                 |

## Notes

<sup>(1)</sup> Not available on all models. Certain conditions apply. Consult factory or sales representative for details.

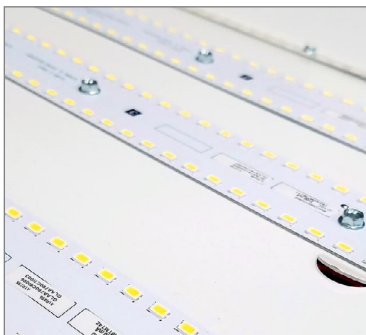
<sup>(2)</sup> Up to 12W (120-277V / 0°C-50°C ambient)

## Performance Chart:

| Catalog #            | Lumens | Watts | LPW   | Catalog #            | Lumens | Watts | LPW   | Catalog #            | Lumens | Watts | LPW   |
|----------------------|--------|-------|-------|----------------------|--------|-------|-------|----------------------|--------|-------|-------|
| ETL 22 LW UV A12 835 | 2211   | 20    | 110.6 | ETL 22 LW UV A12 840 | 2280   | 20    | 114.0 | ETL 22 LW UV A12 850 | 2348   | 20    | 117.4 |
| ETL 22 MD UV A12 835 | 3731   | 30    | 124.4 | ETL 22 MD UV A12 840 | 3847   | 30    | 128.2 | ETL 22 MD UV A12 850 | 3962   | 30    | 132.1 |
| ETL 22 HI UV A12 835 | 4318   | 36    | 119.9 | ETL 22 HI UV A12 840 | 4452   | 36    | 123.7 | ETL 22 HI UV A12 850 | 4585   | 36    | 127.4 |
| ETL 22 VH UV A12 835 | 5178   | 46    | 112.6 | ETL 22 VH UV A12 840 | 5338   | 46    | 116.1 | ETL 22 VH UV A12 850 | 5499   | 46    | 119.5 |

## LUMENFOCUS Re-boardABILITY

The ETL features field replaceable boards and drivers. This allows you to upgrade to more efficient technology in the future. Or, in the rare event of a failure, you can rapidly replace defective components. Re-boardABILITY helps to ensure you won't get stuck with an obsolete light fixture. [Learn more about Re-boardABILITY here.](#)



## Photometric Data:

### ETL 22 HI UV A12 835

Test No.: LLIA000583-007

Luminaire Lumens: 4,318 lm

Luminaire Watts: 35.7W

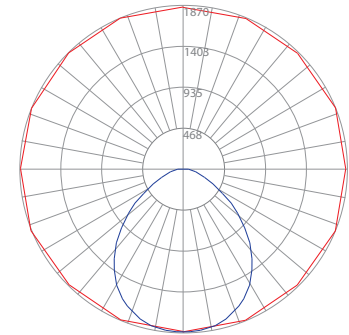
Efficacy: 121.0 LPW

Spacing Criterion (0-180): 1.22

Spacing Criterion (90-270): 1.24

#### Luminance Data (cd/sq.m)

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|------------------|---------------|----------------|----------------|
| 45               | 4860          | 4924           | 5132           |
| 55               | 3805          | 3864           | 3895           |
| 65               | 2906          | 2524           | 2863           |
| 75               | 2477          | 2027           | 2798           |
| 85               | 2732          | 2931           | 3761           |



— Vert. Plane  
— Horiz. Cone

#### Zonal Lumen Summary

| Zone   | Lumens  | %Fixt  |
|--------|---------|--------|
| 0-20   | 678.53  | 15.70  |
| 0-30   | 1429.85 | 33.10  |
| 0-40   | 2296.07 | 53.20  |
| 0-60   | 3687.79 | 85.40  |
| 0-80   | 4232.91 | 98.00  |
| 0-90   | 4317.79 | 100.00 |
| 90-120 | 0.31    | 0.00   |
| 90-130 | 0.31    | 0.00   |
| 90-150 | 0.31    | 0.00   |
| 90-180 | 0.31    | 0.00   |
| 0-180  | 4318.10 | 100.00 |

#### Coefficients Of Utilization - Zonal Cavity Method Effective Floor Cavity Reflectance 0.20

| RC |  | 80  |     |     |     | 70  |     |     |     | 50  |     |     |  | 30  |     |     |  |
|----|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|-----|-----|-----|--|
| RW |  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  |  | 50  | 30  | 10  |  |
| 0  |  | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 |  | 106 | 106 | 106 |  |
| 1  |  | 110 | 105 | 101 | 98  | 107 | 103 | 99  | 96  | 99  | 96  | 93  |  | 95  | 93  | 90  |  |
| 2  |  | 101 | 93  | 87  | 82  | 98  | 91  | 86  | 81  | 88  | 83  | 79  |  | 85  | 81  | 77  |  |
| 3  |  | 93  | 83  | 75  | 69  | 90  | 81  | 74  | 69  | 78  | 72  | 67  |  | 76  | 71  | 66  |  |
| 4  |  | 85  | 74  | 66  | 60  | 83  | 73  | 65  | 59  | 70  | 64  | 59  |  | 68  | 62  | 58  |  |
| 5  |  | 79  | 67  | 58  | 52  | 77  | 66  | 58  | 52  | 64  | 57  | 51  |  | 62  | 56  | 51  |  |
| 6  |  | 73  | 61  | 52  | 46  | 71  | 60  | 52  | 46  | 58  | 51  | 45  |  | 56  | 50  | 45  |  |
| 7  |  | 68  | 55  | 47  | 41  | 66  | 54  | 47  | 41  | 53  | 46  | 41  |  | 52  | 45  | 40  |  |
| 8  |  | 64  | 51  | 43  | 37  | 62  | 50  | 42  | 37  | 49  | 42  | 37  |  | 47  | 41  | 36  |  |
| 9  |  | 59  | 47  | 39  | 33  | 58  | 46  | 39  | 33  | 45  | 38  | 33  |  | 44  | 38  | 33  |  |
| 10 |  | 56  | 43  | 36  | 30  | 55  | 43  | 35  | 30  | 42  | 35  | 30  |  | 41  | 35  | 30  |  |

Tested in accordance with IES standards utilizing absolute photometry per LM-79-08

