



#### APPLICATION:

Retrofits Recessed Troffers Lensed or Parabolic

#### PRODUCT FEATURES:

- Total luminaire efficiency: 76.5%
- Spacing criteria 0-Deg: 1.2, 90-Deg:1.3
- Available in both T8 and T5
- Optional factory supplied lamps are available in various CRI ratings, temperature colors
- Ballast and wiring access without the use of tools
- Instant restrike
- Dimming/occupancy sensor compatible
- UL listed wire rated for required temperature and voltage
- Lamps are secured with twist-locking sockets

- Standard 2-lamp recessed troffer brackets have 9-3/4" lamp spacing
- 2-lamp parabolic troffer brackets have 8-1/8" lamp spacing to move the lamp inward to avoid being located directly above the lower blade

**Reflectors:** Precision formed, high performance, 95% total reflectance specular reflector, warranted for 25 years or 91% total reflectance white pre-painted aluminum

**Kits:** TRS Series reflector/ballast cover, socket brackets, sockets, endcaps and TEK screws

**Options:** Ballast and lamps

#### CONSTRUCTION:

- Brackets are manufactured from code-gauge cold-rolled steel and have white baked enamel finishes

#### WARRANTY

One year standard warranty on fixture  
Ballast carries 3-5 year manufacturer warranty

### Ordering Information > Example: 24-ORTK-2-32-T8-120

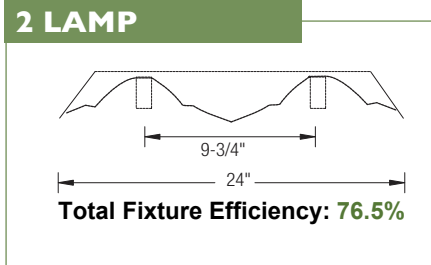
| FIXTURE SIZE | FIXTURE SIZE   | WATTAGE                       | # OF BALLAST                          | VOLTAGE  | REFLECTOR OPTIONS         |
|--------------|--|-------------------------------|---------------------------------------|--|---------------------------|
| 24 - 2' X 4' | ORTK - Oracle Retrofit Troffer Kit<br>ORPK - Oracle Retrofit Parabolic Kit | 2' X 4'                       | (Blank) - 1 Ballast<br>2 - 2 Ballasts | (Blank) - MVOLT (120/277)<br>120<br>277<br>347 | SI - Silver<br>WH - White |
| 22 - 2' X 2' |  |                               |                                       |  |                           |
| 14 - 1' X 4' |  |                               |                                       |  |                           |
|              |  | 2' X 4'                       |                                       |  |                           |
|              |  | 2-32-T8 (2 lamps/32W/T8)      |                                       |  |                           |
|              |  | 3-32-T8 (3 lamps/32W/T8)      |                                       |  |                           |
|              |  | 2-28-T5 (2 lamps/28W/T5)      |                                       |  |                           |
|              |  | 3-28-T5 (3 lamps/28W/T5)      |                                       |  |                           |
|              |  | 2-54-T5HO (2 lamps/54W/T5HO)  |                                       |  |                           |
|              |  | 3-54-T5HO (3 lamps/54W/T5HO)  |                                       |  |                           |
|              |  | 2' X 2'                       |                                       |  |                           |
|              |  | 2-17-T8 (2 lamps/17W/T8)      |                                       |  |                           |
|              |  | 3-17-T8 (3 lamps/17W/T8)      |                                       |  |                           |
|              |  | 2-32-U6-T8 (2 lamps/32W/T8)   |                                       |  |                           |
|              |  | 2-31-U1.5-T8 (2 lamps/31W/T8) |                                       |  |                           |
|              |  | 3-31-U1.5-T8 (3 lamps/31W/T8) |                                       |  |                           |
|              |  | 2-14-T5 (2 lamps/14W/T5)      |                                       |  |                           |
|              |  | 3-14-T5 (3 lamps/14W/T5)      |                                       |  |                           |
|              |  | 2-24-T5HO (2 lamps/24W/T5HO)  |                                       |  |                           |
|              |  | 3-24-T5HO (3 lamps/24W/T5HO)  |                                       |  |                           |
|              |  | 1' X 4'                       |                                       |  |                           |
|              |  | 1-32-T8 (1 lamp/32W/T8)       |                                       |  |                           |
|              |  | 2-32-T8 (2 lamps/32W/T8)      |                                       |  |                           |
|              |  | 1-28-T5 (1 lamp/28W/T5)       |                                       |  |                           |
|              |  | 2-28-T5 (2 lamps/28W/T5)      |                                       |  |                           |
|              |  | 1-54-T5HO (1 lamp/54W/T5HO)   |                                       |  |                           |
|              |  | 2-54-T5HO (2 lamps/54W/T5HO)  |                                       |  |                           |

## PHOTOMETRIC

### Coefficient of Utilization 2 FO32 Ult Fixture Report

| RC | 80 |    |    |    | 70 |    |    |    | 50 |    |    | 30 |    |    | 10 |    |    | 0  |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|    | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0  |
| 0  | 91 | 91 | 91 | 91 | 89 | 89 | 89 | 89 | 85 | 85 | 85 | 81 | 81 | 81 | 78 | 78 | 78 | 76 |
| 1  | 84 | 81 | 78 | 76 | 82 | 80 | 77 | 75 | 76 | 74 | 72 | 73 | 72 | 70 | 71 | 69 | 68 | 66 |
| 2  | 78 | 72 | 68 | 64 | 76 | 71 | 67 | 63 | 68 | 65 | 62 | 66 | 63 | 61 | 64 | 61 | 59 | 58 |
| 3  | 72 | 65 | 59 | 55 | 70 | 64 | 59 | 55 | 62 | 57 | 54 | 60 | 56 | 53 | 58 | 55 | 52 | 50 |
| 4  | 66 | 58 | 52 | 48 | 65 | 57 | 52 | 47 | 55 | 50 | 47 | 54 | 49 | 46 | 52 | 48 | 45 | 44 |
| 5  | 61 | 52 | 46 | 41 | 59 | 51 | 45 | 41 | 50 | 44 | 40 | 48 | 44 | 40 | 47 | 43 | 40 | 38 |
| 6  | 56 | 47 | 40 | 36 | 55 | 46 | 40 | 36 | 45 | 39 | 35 | 44 | 39 | 35 | 42 | 38 | 35 | 33 |
| 7  | 52 | 42 | 36 | 31 | 51 | 42 | 36 | 31 | 40 | 35 | 31 | 39 | 34 | 31 | 38 | 34 | 31 | 29 |
| 8  | 48 | 38 | 32 | 27 | 47 | 37 | 31 | 27 | 36 | 31 | 27 | 35 | 31 | 27 | 35 | 30 | 27 | 25 |
| 9  | 44 | 34 | 28 | 24 | 43 | 34 | 28 | 24 | 33 | 27 | 24 | 32 | 27 | 23 | 31 | 27 | 23 | 22 |
| 10 | 41 | 31 | 25 | 21 | 40 | 31 | 25 | 21 | 30 | 24 | 21 | 29 | 24 | 21 | 28 | 24 | 21 | 19 |

| ZONAL LUMEN SUMMARY |        |       |       |
|---------------------|--------|-------|-------|
| ZONE                | LUMENS | %LAMP | %FIXT |
| 0- 30               | 1495   | 24.1  | 31.5  |
| 0- 60               | 4048   | 65.3  | 85.4  |
| 0- 90               | 4740   | 76.5  | 100.0 |
| 90-180              | 0      | 0.0   | 0.0   |
| 0-180               | 4740   | 76.5  | 100.0 |



### Coefficient of Utilization 3 FO32 Ult Fixture Report

| RC | 80 |    |    |    | 70 |    |    |    | 50 |    |    | 30 |    |    | 10 |    |    | 0  |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|    | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0  |
| 0  | 82 | 82 | 82 | 82 | 80 | 80 | 80 | 80 | 77 | 77 | 77 | 74 | 74 | 74 | 71 | 71 | 71 | 69 |
| 1  | 76 | 73 | 71 | 68 | 74 | 72 | 69 | 67 | 69 | 67 | 65 | 66 | 65 | 63 | 64 | 63 | 61 | 60 |
| 2  | 70 | 65 | 61 | 58 | 69 | 64 | 60 | 57 | 62 | 59 | 56 | 60 | 57 | 55 | 58 | 55 | 53 | 52 |
| 3  | 65 | 59 | 54 | 50 | 63 | 58 | 53 | 49 | 56 | 52 | 49 | 54 | 50 | 48 | 52 | 49 | 47 | 46 |
| 4  | 60 | 53 | 48 | 43 | 59 | 52 | 47 | 43 | 50 | 46 | 43 | 49 | 45 | 42 | 47 | 44 | 42 | 40 |
| 5  | 56 | 48 | 43 | 38 | 55 | 47 | 42 | 38 | 46 | 41 | 38 | 45 | 41 | 37 | 43 | 40 | 37 | 36 |
| 6  | 52 | 44 | 38 | 34 | 51 | 43 | 38 | 34 | 42 | 37 | 34 | 41 | 37 | 34 | 40 | 36 | 33 | 32 |
| 7  | 49 | 40 | 35 | 31 | 48 | 40 | 34 | 31 | 39 | 34 | 31 | 38 | 34 | 30 | 37 | 33 | 30 | 29 |
| 8  | 46 | 37 | 32 | 28 | 45 | 37 | 32 | 28 | 36 | 31 | 28 | 35 | 31 | 28 | 34 | 30 | 27 | 26 |
| 9  | 43 | 34 | 29 | 26 | 42 | 34 | 29 | 26 | 33 | 29 | 25 | 32 | 28 | 25 | 32 | 28 | 25 | 24 |
| 10 | 40 | 32 | 27 | 23 | 40 | 32 | 27 | 23 | 31 | 26 | 23 | 30 | 26 | 23 | 30 | 26 | 23 | 22 |

| ZONAL LUMEN SUMMARY |        |       |       |
|---------------------|--------|-------|-------|
| ZONE                | LUMENS | %LAMP | %FIXT |
| 0- 30               | 1396   | 24.1  | 33.2  |
| 0- 60               | 3598   | 62.0  | 85.7  |
| 0- 90               | 4200   | 72.4  | 100.0 |
| 90-180              | 0      | 0.0   | 0.0   |
| 0-180               | 4200   | 72.4  | 100   |

