

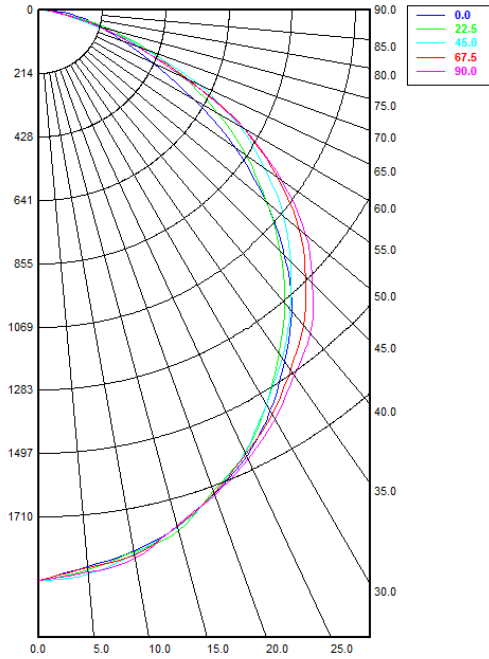


TDCW-24-332T8

Indoor Photometric Report for photometric data file:
 C:\Users\Coronet\Desktop\stl-file\TDCW_24_332T8.ies

Product Information

Test date: Tue Jul 17 13:55:37 2012
 Description: 3 light T8, 2x4 center basket fixture w/ acrylic overlay
 Lamp catalog number: FO32/31K
 Lamp description: Fluor. 32W 4' T8
 Total Luminaire Optical Efficiency = 56.8%



Candela Distribution:

| | 0.0 | 22.5 | 45.0 | 67.5 | 90.0 |
|------|---------|---------|---------|---------|---------|
| 0.0 | 1924.08 | 1924.08 | 1924.08 | 1924.08 | 1924.08 |
| 5.0 | 1885.19 | 1895.51 | 1911.47 | 1888.72 | 1904.13 |
| 10.0 | 1853.33 | 1856.13 | 1862.70 | 1866.79 | 1876.51 |
| 15.0 | 1805.10 | 1819.22 | 1806.81 | 1804.72 | 1800.77 |
| 20.0 | 1735.01 | 1725.77 | 1733.63 | 1732.99 | 1738.68 |
| 25.0 | 1660.88 | 1648.57 | 1644.30 | 1652.53 | 1672.69 |
| 30.0 | 1565.26 | 1539.48 | 1538.38 | 1578.69 | 1597.03 |
| 35.0 | 1447.81 | 1415.51 | 1435.44 | 1483.88 | 1506.56 |
| 40.0 | 1329.71 | 1292.92 | 1323.50 | 1391.29 | 1428.50 |
| 45.0 | 1177.68 | 1156.93 | 1204.26 | 1275.38 | 1307.35 |
| 50.0 | 1004.19 | 1007.86 | 1081.05 | 1151.67 | 1179.82 |
| 55.0 | 811.28 | 854.92 | 937.68 | 986.43 | 1004.63 |
| 60.0 | 604.02 | 696.73 | 781.59 | 802.03 | 801.53 |
| 65.0 | 425.33 | 539.58 | 593.00 | 564.00 | 543.94 |
| 70.0 | 297.98 | 392.37 | 374.20 | 344.57 | 346.21 |
| 75.0 | 209.86 | 239.26 | 187.18 | 202.23 | 204.88 |
| 80.0 | 143.90 | 104.89 | 80.26 | 93.03 | 95.35 |
| 85.0 | 67.46 | 34.18 | 33.05 | 40.30 | 42.39 |
| 90.0 | 11.66 | 7.43 | 6.69 | 8.23 | 9.39 |

ZONAL LUMENS

| Cone | Between | Lumens |
|-------|---------------|--------|
| 1.25 | 0.00 - 2.50 | 11.51 |
| 5.00 | 2.50 - 7.50 | 90.65 |
| 10.00 | 7.50 - 12.50 | 177.29 |
| 15.00 | 12.50 - 17.50 | 256.56 |
| 20.00 | 17.50 - 22.50 | 324.76 |
| 25.00 | 22.50 - 27.50 | 382.93 |
| 30.00 | 27.50 - 32.50 | 427.39 |
| 35.00 | 32.50 - 37.50 | 456.82 |
| 40.00 | 37.50 - 42.50 | 474.49 |
| 45.00 | 42.50 - 47.50 | 472.77 |
| 50.00 | 47.50 - 52.50 | 454.81 |
| 55.00 | 52.50 - 57.50 | 413.87 |
| 60.00 | 57.50 - 62.50 | 354.02 |
| 65.00 | 62.50 - 67.50 | 270.90 |
| 70.00 | 67.50 - 72.50 | 184.56 |
| 75.00 | 72.50 - 77.50 | 110.66 |
| 80.00 | 77.50 - 82.50 | 53.68 |
| 85.00 | 82.50 - 87.50 | 22.18 |
| 88.75 | 87.50 - 90.00 | 2.25 |

Zonal Lumen Summary

| Zone | Lumens | %Lamp | %Fixt |
|--------|--------|-------|-------|
| 0- 30 | 1457 | 16.8 | 29.5 |
| 0- 40 | 2365 | 27.2 | 47.9 |
| 0- 60 | 4121 | 47.4 | 83.4 |
| 0- 90 | 4942 | 56.8 | 100.0 |
| 90-120 | 0 | 0.0 | 0.0 |
| 90-150 | 0 | 0.0 | 0.0 |
| 90-180 | 0 | 0.0 | 0.0 |
| 0-180 | 4942 | 56.8 | 100.0 |

Average Luminaire Luminance (cd/meter^2)

| | 0 | 23 | 45 | 68 | 90 |
|----|-------|-------|-------|-------|-------|
| 0 | 12554 | 12554 | 12554 | 12554 | 12554 |
| 45 | 10867 | 10675 | 11112 | 11768 | 12063 |
| 55 | 9228 | 9725 | 10666 | 11221 | 11428 |
| 65 | 6566 | 8330 | 9155 | 8707 | 8398 |
| 75 | 5290 | 6031 | 4719 | 5098 | 5165 |
| 85 | 5050 | 2559 | 2474 | 3017 | 3173 |

Coefficients of Utilization - Zonal Cavity Method

pfc = 0.20

| pcc-> | .8 | | | | .7 | | | | .5 | | | | .3 | | | | .0 | | | |
|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| pw-> | .7 | .5 | .3 | .0 | .7 | .5 | .3 | .0 | .5 | .3 | .0 | .5 | .3 | .0 | .5 | .3 | .0 | .5 | .3 | .0 |
| RCR | | | | | | | | | | | | | | | | | | | | |
| 0 | 68 | 68 | 68 | 68 | 66 | 66 | 66 | 66 | 63 | 63 | 63 | 61 | 61 | 61 | 58 | 58 | 58 | 57 | | |
| 1 | 62 | 60 | 58 | 55 | 61 | 59 | 57 | 54 | 56 | 55 | 52 | 54 | 53 | 51 | 49 | 49 | 49 | 49 | | |
| 2 | 57 | 53 | 49 | 45 | 56 | 52 | 48 | 44 | 50 | 47 | 43 | 48 | 45 | 42 | 42 | 42 | 42 | 41 | | |
| 3 | 52 | 46 | 42 | 37 | 51 | 46 | 41 | 37 | 44 | 40 | 36 | 42 | 39 | 36 | 35 | 35 | 35 | 35 | | |
| 4 | 48 | 41 | 36 | 31 | 47 | 41 | 36 | 31 | 39 | 35 | 31 | 38 | 34 | 30 | 30 | 30 | 30 | 30 | | |
| 5 | 44 | 37 | 32 | 27 | 43 | 36 | 32 | 27 | 35 | 31 | 27 | 34 | 30 | 26 | 26 | 26 | 26 | 26 | | |
| 6 | 41 | 33 | 28 | 23 | 40 | 33 | 28 | 23 | 32 | 28 | 23 | 31 | 27 | 23 | 23 | 23 | 23 | 23 | | |
| 7 | 38 | 30 | 25 | 21 | 37 | 30 | 25 | 21 | 29 | 25 | 20 | 28 | 24 | 20 | 20 | 20 | 20 | 20 | | |
| 8 | 35 | 28 | 23 | 18 | 34 | 27 | 23 | 18 | 26 | 22 | 18 | 26 | 22 | 18 | 18 | 18 | 18 | 18 | | |
| 9 | 33 | 25 | 21 | 16 | 32 | 25 | 21 | 16 | 24 | 20 | 16 | 24 | 20 | 16 | 16 | 16 | 16 | 16 | | |
| 10 | 31 | 23 | 19 | 15 | 30 | 23 | 19 | 15 | 23 | 19 | 15 | 22 | 18 | 15 | 15 | 15 | 15 | 15 | | |