

DESCRIPTION

The ST LED Wraparound Luminaire is a true alternative to fluorescent and can save up to 30% energy cost over T8. This surface mounted LED luminaire features a wraparound lens with diffuser.

SPECIFICATION FEATURES

Construction

22 gauge galvanized steel painted high gloss white

Finish

22 gauge galvanized steel and high gloss enamel paint finish ensures maximum bonding and rust inhibition

Controls

The LED Wraparound is powered by Ultrasave drivers and module

Shielding

K12 Prismatic Lens with linear refractors on sides

Electrical

Long Life LED System complete with electrical driver to deliver the optimal performance. LED's available in a 3500K, 4000K and 5000K with a typical CRI: 80. Rated for 94,000 hours. Electronic drivers are available in 120/277 and 347 Volt applications

Compliance

Modules and Drivers are UL recognized components and luminaire is cULus / DLC listed

Warranty

5 years

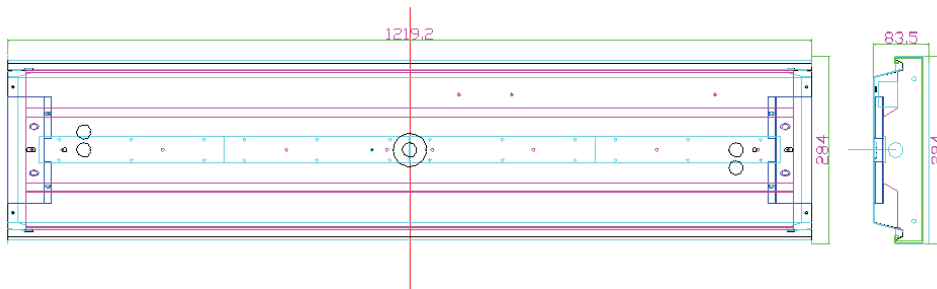
Driver and Module Access

Drivers can be accessed by removing the lens and twist lock module plate





**LED WRAPAROUND
LUMINAIRE**

powered by
ULTRASAVE



ST40LED04 / ST40LED02
Dimension
 mm | 1219(L) x 284(W) x 83(D)
 inch | 48"(L) x 11"(W) x 3.3"(D)

ORDERING CODE, ENERGY AND PERFORMANCE DATA

| | Model No. | Delivered Lumens (lm) | Input Watts (W) | Voltage (V) | Colour Temp. (K) | Efficacy (lm/W) | Status |
|--|-----------|-----------------------|-----------------|-------------|-----------------------|-----------------|--------|
|  | ST40LED04 | 4410 | 42 | 120M / 347 | 4000K | 105 | Stock |
| | | 4410 | 42 | 120M / 347 | 3500K / 5000K | 99 / 110 | MTO |
| | | 3240 | 31 | 120M / 347 | 3500K / 4000K / 5000K | 100 / 105 / 110 | MTO |
| | | 2250 | 22 | 120M / 347 | 3500K / 4000K / 5000K | 97 / 102 / 107 | MTO |
|  | ST40LED02 | 3000 | 31 | 120M / 347 | 4000K | 96 | Stock |
| | | 3000 | 31 | 120M / 347 | 3500K / 5000K | 91 / 100 | MTO |

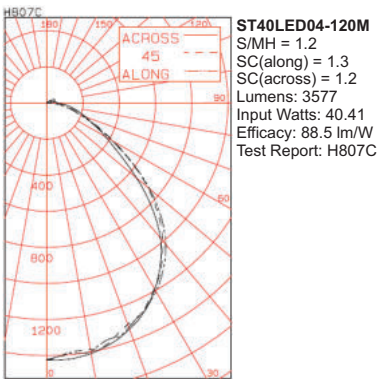
OPTIONAL ACCESSORIES
Dimming Drivers (D) 120M/347V

SHIPPING DATA
Model No.
ST40LED04
ST40LED02

Weight
3.2kg / 7lbs
3.2kg / 7lbs

PHOTOMETRICS

Note: Photometric data result was obtained under prismatic wrap lens with white interior condition.



Candlepower

| ANGLE | ALONG | 22.5 | 45 | 67.5 | ACROSS |
|-------|-------|------|------|------|--------|
| 0 | 1422 | 1422 | 1422 | 1422 | 1422 |
| 5 | 1390 | 1393 | 1392 | 1414 | 1424 |
| 15 | 1352 | 1352 | 1367 | 1345 | 1379 |
| 25 | 1270 | 1268 | 1267 | 1271 | 1275 |
| 35 | 1122 | 1118 | 1101 | 1091 | 1092 |
| 45 | 893 | 887 | 869 | 841 | 821 |
| 55 | 571 | 582 | 570 | 515 | 485 |
| 65 | 294 | 310 | 309 | 296 | 289 |
| 75 | 139 | 152 | 160 | 173 | 181 |
| 85 | 39 | 49 | 64 | 87 | 96 |
| 90 | 0 | 4 | 22 | 43 | 55 |
| 95 | 0 | 4 | 25 | 44 | 45 |
| 105 | 0 | 8 | 26 | 40 | 41 |
| 115 | 0 | 6 | 24 | 40 | 44 |
| 125 | 0 | 2 | 9 | 17 | 19 |
| 135 | 0 | 1 | 4 | 7 | 8 |
| 145 | 0 | 0 | 2 | 4 | 4 |
| 155 | 0 | 0 | 1 | 2 | 2 |
| 165 | 0 | 0 | 0 | 1 | 1 |

Zonal Lumen Summary

| ZONE | LUMENS | % LAMP | % LUMINAIRE |
|--------|--------|--------|-------------|
| 0-30 | 1101 | 30.79 | 30.79 |
| 0-40 | 1788 | 50.02 | 50.02 |
| 0-60 | 2943 | 82.29 | 82.29 |
| 0-90 | 3490 | 97.59 | 97.59 |
| 40-90 | 1701 | 47.57 | 47.57 |
| 60-90 | 547 | 15.31 | 15.31 |
| 90-180 | 86 | 2.41 | 2.41 |
| 0-180 | 3577 | 100.00 | 100.00 |

Coefficient of Utilization
Effective floor cavity reflectance = 20%

| CC | 80 | 70 | 50 | 30 | 10 | 0 |
|------|-------|-------|-------|-------|-------|-------|
| WALL | 70 | 50 | 30 | 10 | 70 | 50 |
| RCR | 10 | 30 | 50 | 70 | 100 | 100 |
| 0 | 1.181 | 1.181 | 1.181 | 1.181 | 1.151 | 1.151 |
| 1 | 1.101 | 1.051 | 1.02 | .98 | 1.071 | 1.031 |
| 2 | 1.01 | .94 | .89 | .84 | .99 | .92 |
| 3 | .93 | .84 | .77 | .72 | .91 | .83 |
| 4 | .87 | .76 | .69 | .63 | .85 | .75 |
| 5 | .80 | .69 | .61 | .55 | .78 | .68 |
| 6 | .74 | .62 | .54 | .48 | .72 | .61 |
| 7 | .68 | .56 | .48 | .42 | .67 | .55 |
| 8 | .64 | .51 | .43 | .37 | .62 | .50 |
| 9 | .59 | .46 | .38 | .33 | .58 | .46 |
| 10 | .55 | .42 | .34 | .29 | .54 | .42 |



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Specifications and dimensions subject to change without notice.
Consult your Energy Efficient Lighting Representative
for availability and ordering information.