

Features

The Stylelite is a low profile contemporary design indirect fluorescent luminaire. The Stylelite is available in ten architectural design perforations and utilizes energy efficient T5 technology. The highly reflective specular reflector creates high efficiency optics. The Stylelite is available in suspended or wall-mounted applications. The steel luminaire is an excellent choice where affordability, design, and technology are required in a lighting system.

Specifications

HOUSING: One piece die formed 20-gauge cold rolled steel welded construction forming a 2 1/4" x 9" curved profile. Finished end caps are laser cut 18-gauge cold rolled steel, welded with no exposed hardware or knockouts. Aligner brackets are provided to eliminate light leaks and for precision alignment of continuous rows.

REFLECTOR: Die formed .025 specular reflector minimum 90% reflectivity.

ELECTRICAL: Ballast is electronic, low-profile, universal voltage 120/277, high power factor, thermally protected, sound rated A with less than 10% total harmonic distortion. Luminaires in rows are pre-wired with quick connect through wiring. The minimum number of ballasts will be used unless otherwise specified. Please consult factory for lamp/ballast availability.

BALLAST DISCONNECT: Luminaires are pre-wired with integrated locking disconnects.

MOUNTING: Standard Installation is an adjustable self-locking aircraft cable assembly 48" x 3/32" in diameter with 5" canopy. One 16/4 SJT straight 54" cord is supplied with each power feed. Standard pendants are available in 24" lengths. See Mounting Options pages for additional mounting.

FINISH: Fixture housing and steel components are finished in baked white enamel applied over a five stage pretreatment process.

LAMPS: Fixtures are provided for use with one, two or three T8, T5 or T5HO lamps. (Supplied by Others)

CERTIFICATION: Luminaires are U. L. listed, C.S.A. certified and are Union Made in the United States of America. I.B.E.W.

TYPE

Ordering Guide

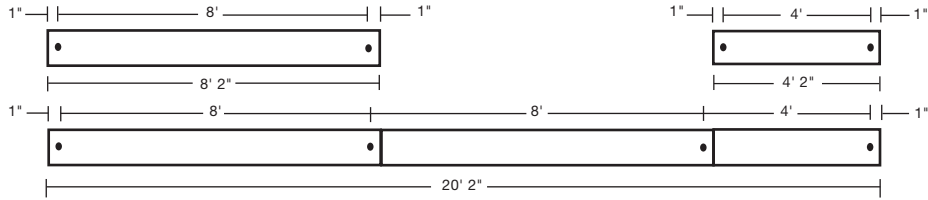
| MODEL NO. | DIRECTION | SHIELDING | NUMBER OF LAMPS | LAMPS | MOUNTING | ROW LENGTH | FINISH | VOLTAGE | OPTIONS |
|-------------|--------------|-----------|-----------------|------------------|---|---|--------------------------------|---------------|---|
| STYS | I | | | | | | | | |
| STYS | I = Indirect | 1 | 1 2 3 | T8 T5 T5HO | AC = Cable PD = Pendant WM = Wall Mount Other mounting options available, see pgs. 357-359 | 4 = 4 ft 8 = 8 ft For other, please enter row length (eg. 48 = 48 ft) | W = White CC = Custom Color | UNV = 120/277 | DIM = Dimming Ballast EPC = Emergency Battery Pack EMC = Emergency Circuit TWC = Two Circuit Wiring OTH = Other options available, see page 355 |

Example » STYS-I-1 | DI | 2T5HO | AC | 4 | W | UNV

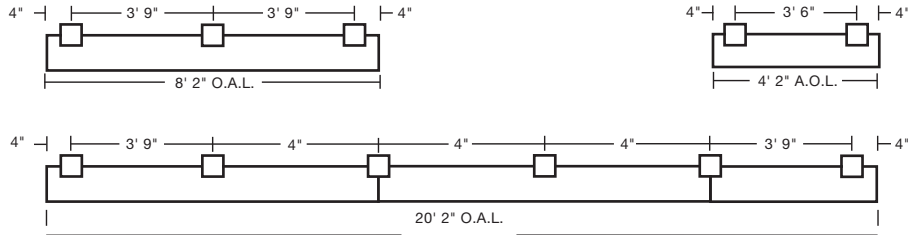
Stylelite shallow curved shape profile for two 54 watt T5HO lamps with two 48 inch aircraft cables and power feed four foot fixture finished in baked white with universal voltage electronic ballast less than 10% total harmonic distortion.

Linear Sections and Suspension Location

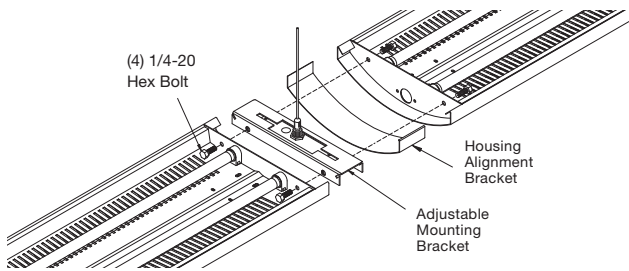
SUSPENSION MOUNTING - T5



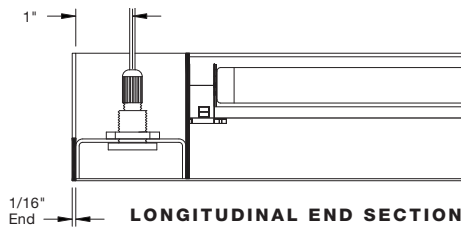
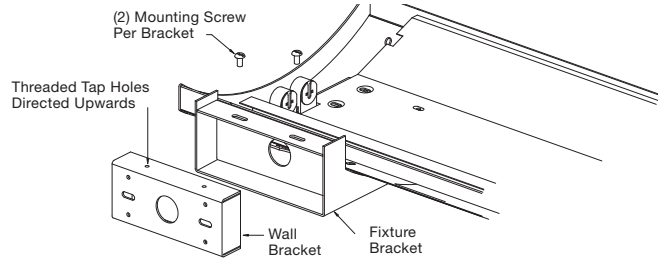
WALL MOUNTING



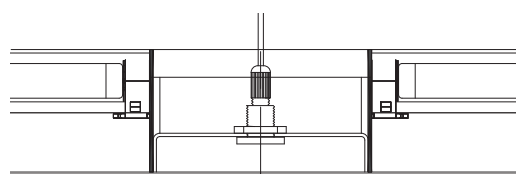
Installation Preparation



WALL BRACKET



JOINT DETAIL



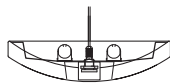
Photometry

COEFFICIENTS OF UTILIZATION-ZONAL CAVITY METHOD

pfc = 0.20

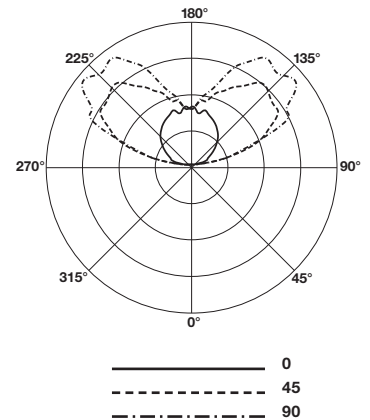
| pcc | .8 | | | .7 | | | .5 | | | .3 | | | .1 | | | 0 | | |
|------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|
| pw | .7 | .5 | .3 | .1 | .7 | .5 | .3 | .1 | .5 | .3 | .1 | .5 | .3 | .1 | .5 | .3 | .1 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 86 | 86 | 86 | 86 | 73 | 73 | 73 | 73 | 50 | 50 | 50 | 28 | 28 | 28 | 9 | 9 | 9 | 0 |
| 1 | 78 | 74 | 71 | 68 | 67 | 64 | 61 | 59 | 43 | 42 | 40 | 25 | 24 | 23 | 8 | 7 | 7 | 0 |
| 2 | 71 | 65 | 60 | 56 | 60 | 55 | 51 | 48 | 38 | 35 | 33 | 22 | 20 | 19 | 7 | 6 | 6 | 0 |
| 3 | 65 | 57 | 51 | 46 | 55 | 49 | 44 | 40 | 33 | 30 | 28 | 19 | 17 | 16 | 6 | 5 | 5 | 0 |
| 4 | 59 | 50 | 43 | 38 | 50 | 43 | 37 | 33 | 29 | 26 | 23 | 17 | 15 | 14 | 5 | 5 | 4 | 0 |
| 5 | 54 | 44 | 37 | 33 | 46 | 38 | 32 | 28 | 26 | 22 | 20 | 15 | 13 | 12 | 4 | 4 | 3 | 0 |
| 6 | 49 | 39 | 33 | 28 | 42 | 34 | 28 | 24 | 23 | 20 | 17 | 13 | 11 | 10 | 4 | 3 | 3 | 0 |
| 7 | 45 | 35 | 29 | 24 | 38 | 30 | 25 | 21 | 21 | 17 | 15 | 12 | 10 | 8 | 3 | 3 | 2 | 0 |
| 8 | 42 | 32 | 25 | 21 | 35 | 27 | 22 | 18 | 19 | 15 | 13 | 11 | 9 | 7 | 3 | 3 | 2 | 0 |
| 9 | 39 | 28 | 22 | 18 | 33 | 24 | 19 | 16 | 17 | 13 | 11 | 10 | 8 | 6 | 3 | 2 | 2 | 0 |
| 10 | 36 | 26 | 20 | 16 | 30 | 22 | 17 | 14 | 15 | 12 | 10 | 9 | 7 | 6 | 2 | 2 | 1 | 0 |

Total Luminaire
Efficiency = 89.5%



CANDELA DISTRIBUTION

| Vert. Angle | 0 | 22.5 | 45 | 67.5 | 90 |
|-------------|------|------|------|------|------|
| 90 | 47.2 | 56.4 | 64.6 | 67.9 | 66.0 |
| 95 | 219 | 301 | 385 | 403 | 405 |
| 100 | 346 | 676 | 709 | 814 | 850 |
| 105 | 430 | 974 | 1187 | 1126 | 1107 |
| 110 | 489 | 1182 | 1616 | 1684 | 1650 |
| 115 | 581 | 1310 | 1873 | 2115 | 2186 |
| 120 | 655 | 1376 | 2114 | 2291 | 2341 |
| 125 | 742 | 1448 | 2147 | 2622 | 2676 |
| 130 | 814 | 1465 | 2184 | 2621 | 2814 |
| 135 | 887 | 1439 | 2241 | 2523 | 2667 |
| 140 | 959 | 1411 | 2240 | 2604 | 2662 |
| 145 | 1017 | 1373 | 2047 | 2573 | 2697 |
| 150 | 1074 | 1355 | 1842 | 2310 | 2486 |
| 155 | 1115 | 1328 | 1711 | 2050 | 2176 |
| 160 | 1145 | 1328 | 1569 | 1761 | 1894 |
| 165 | 1182 | 1259 | 1427 | 1613 | 1622 |
| 170 | 1149 | 1231 | 1341 | 1405 | 1443 |
| 175 | 1158 | 1225 | 1275 | 1276 | 1313 |
| 180 | 1233 | 1233 | 1233 | 1233 | 1233 |



Lamp (2) 54w T5HO
Lumens: 5000 Per Lamp

Optical Distribution:
100% Indirect

Day-O-Lite reserves the right to change product specifications without notice for product improvement.