

DATE

JOB NAME

TYPE

| Features | Applications |
|---|---|
| <ul style="list-style-type: none"> • Clean Appearance • No exposed fasteners • Continuous row capability • 86% Efficiency | <ul style="list-style-type: none"> • Offices • Corridors • Retail Stores |

| Series | Size | Lamps | Watts | Voltage | Mounting | Option |
|--------|---------------------------|-------|---------|---------|---|---|
| HE1 | 4FT | 2 | 32WT8 | 120 | AC-Aircraft Cable (24", 48") | EM-Emergency Pack* (*Must specify voltage) EM2-2 Light Emergency* (*Must specify voltage) DB-Dimming Ballast SC-Separate Circuit |
| | 8FT | 3 | 28WT5 | 277 | | |
| | XFT | 4 | 54WT5HO | UNV | PS-Pendant Stem (12", 24", 36", 48") | |
| | (CONTINUOUS ROW MOUNTING) | | | | | |

Ordering Example: HE1-4FT-3-28WT5-120V-AC48"-DB

Details

Application Features: Specification grade, suspended, high performance architectural luminaire. For use in indoor applications where a T8, T5 or T5HO direct/indirect luminaire with maximum uplight as well as glare-free downlight is required. Available as individual fixtures or with end and intermediate units for mounting in continuous rows. Fixtures designed to mount on 4 foot and 8 foot centers.

Construction: Durable cold rolled 20 ga. steel body. Sufficient knock-outs provided for connections and through wiring.

Finish: Pre-treated phosphate bonded (rust inhibitor), white powder coated finish.

Electrical: Electronic ballasts used are class P, thermally protected.

Approvals: UL Listed for damp location.

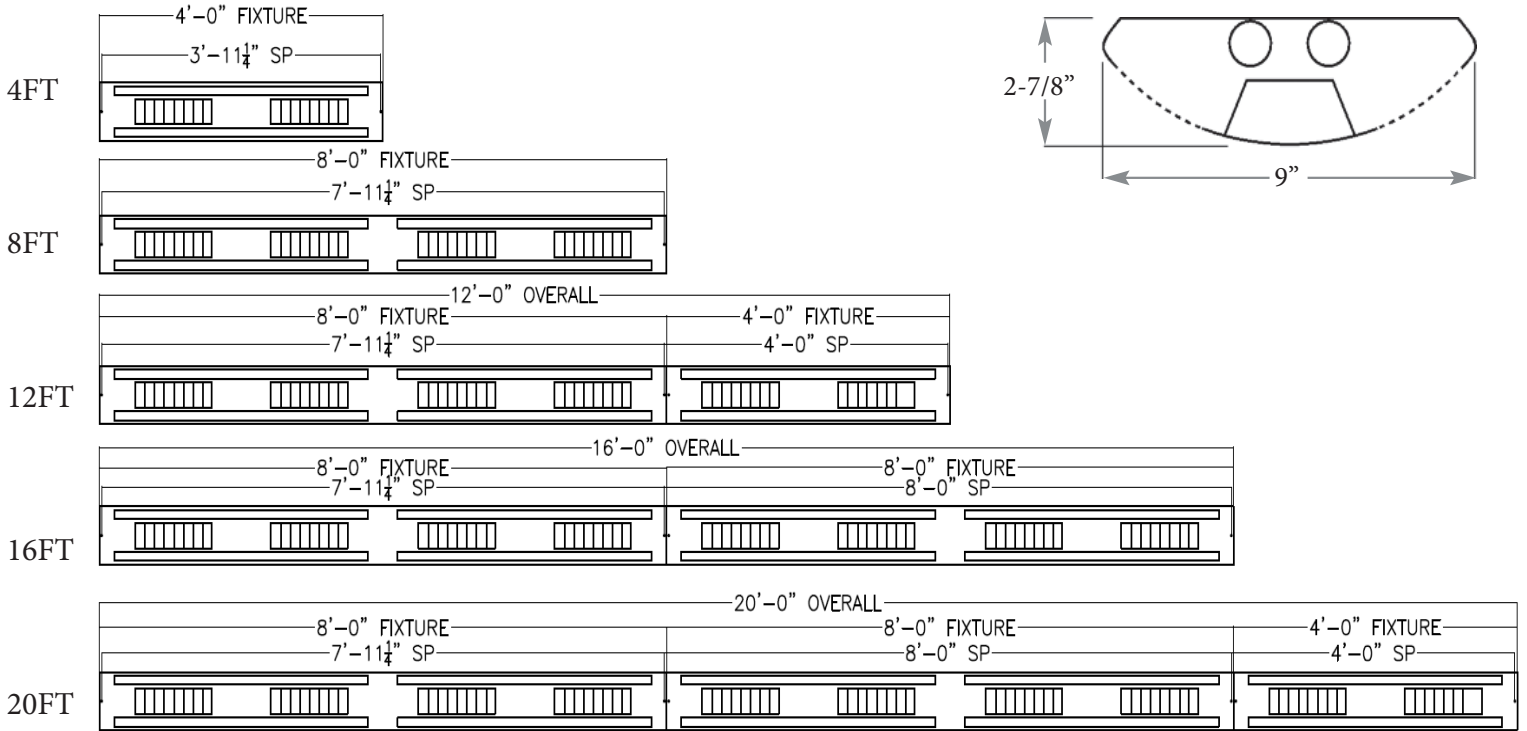
Optics: Semi-perforated housing with mid-band white cross baffle sections.

Options: Emergency Battery Backup, Dimming Ballast, Separate Circuit.

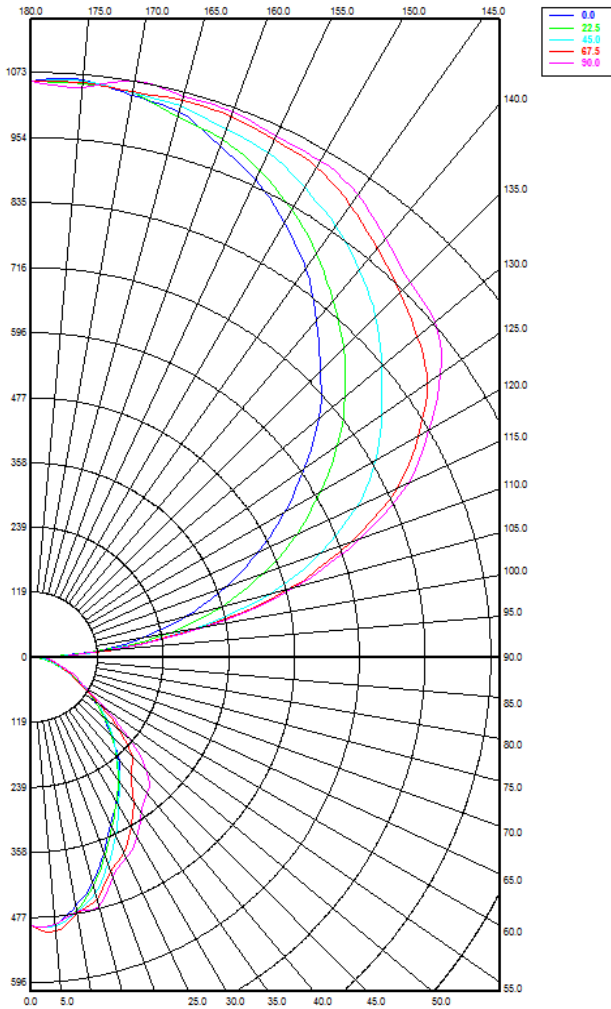
Light Distribution: Indirect-80%. Direct-20%

DISCLAIMER: CORONET INC RESERVES THE RIGHT TO MAKE ANY DESIGN CHANGES FOR CONTINUOUS IMPROVEMENT WHICH WILL NOT AFFECT THE OVERALL APPEARANCE OR PERFORMANCE. ALL CEILINGS ARE TO BE ADEQUATELY REINFORCED BY OTHERS BEFORE INSTALLATION. ALL FIXTURES ARE TO BE WIRED BY A CERTIFIED ELECTRICIAN ONLY. THIS INFORMATION IS PROPERTY OF CORONET INC., AND THE INFORMATION IT CONTAINS MAY NOT BE USED WITHOUT ANY WRITTEN CONSENT OF CORONET INC.

FIXTURE DIMENSIONS/HANGING POINTS:



HE1-4FT-232T8



Candela Distribution:

| | 0.0 | 22.5 | 45.0 | 67.5 | 90.0 |
|-------|---------|---------|---------|---------|---------|
| 0.0 | 493.01 | 493.01 | 493.01 | 493.01 | 493.01 |
| 5.0 | 491.49 | 494.20 | 494.44 | 504.70 | 492.16 |
| 10.0 | 463.44 | 470.85 | 474.32 | 477.51 | 473.95 |
| 15.0 | 428.75 | 433.22 | 447.43 | 458.71 | 472.11 |
| 20.0 | 382.41 | 387.78 | 405.02 | 420.16 | 429.49 |
| 25.0 | 338.56 | 345.78 | 361.11 | 395.96 | 405.47 |
| 30.0 | 307.39 | 307.75 | 315.25 | 359.97 | 382.34 |
| 35.0 | 277.96 | 273.94 | 279.03 | 322.29 | 347.08 |
| 40.0 | 246.66 | 239.42 | 241.89 | 280.27 | 326.37 |
| 45.0 | 204.87 | 206.88 | 208.89 | 259.33 | 297.18 |
| 50.0 | 171.75 | 171.71 | 177.07 | 207.23 | 228.55 |
| 55.0 | 138.13 | 139.37 | 145.58 | 149.07 | 162.92 |
| 60.0 | 107.00 | 111.12 | 110.12 | 104.06 | 112.46 |
| 65.0 | 78.80 | 83.03 | 78.73 | 82.42 | 93.13 |
| 70.0 | 56.79 | 55.78 | 58.02 | 61.76 | 65.92 |
| 75.0 | 38.76 | 34.61 | 40.75 | 48.66 | 51.32 |
| 80.0 | 22.45 | 19.79 | 27.24 | 35.28 | 38.28 |
| 85.0 | 10.20 | 9.66 | 15.25 | 23.64 | 28.01 |
| 90.0 | 10.51 | 11.01 | 15.53 | 23.02 | 25.65 |
| 95.0 | 108.42 | 118.41 | 129.73 | 138.39 | 138.85 |
| 100.0 | 207.05 | 255.69 | 297.71 | 313.22 | 320.23 |
| 105.0 | 291.05 | 355.79 | 446.98 | 485.26 | 496.35 |
| 110.0 | 375.50 | 447.45 | 561.13 | 618.90 | 636.13 |
| 115.0 | 451.47 | 530.48 | 652.69 | 732.92 | 754.74 |
| 120.0 | 529.41 | 606.01 | 722.33 | 812.16 | 834.47 |
| 125.0 | 601.48 | 680.72 | 777.40 | 878.54 | 908.43 |
| 130.0 | 683.08 | 744.21 | 831.38 | 915.64 | 957.07 |
| 135.0 | 744.13 | 802.89 | 885.32 | 948.31 | 974.17 |
| 140.0 | 807.84 | 854.17 | 928.25 | 979.41 | 1002.69 |
| 145.0 | 868.93 | 904.56 | 965.98 | 1012.24 | 1035.76 |
| 150.0 | 918.24 | 945.91 | 993.70 | 1037.98 | 1052.23 |
| 155.0 | 965.08 | 983.39 | 1019.50 | 1046.79 | 1053.50 |
| 160.0 | 998.76 | 1011.46 | 1031.38 | 1056.08 | 1066.01 |
| 165.0 | 1035.54 | 1026.88 | 1046.95 | 1057.68 | 1065.55 |
| 170.0 | 1047.01 | 1051.78 | 1052.77 | 1053.91 | 1073.28 |
| 175.0 | 1063.99 | 1057.07 | 1061.77 | 1057.99 | 1050.52 |
| 180.0 | 1056.55 | 1056.55 | 1056.55 | 1056.55 | 1056.55 |

Total Luminaire Optical Efficiency = 86.5%

Zonal Lumen Summary:

| Zone | Lumens | %Lamp | %Fixt |
|--------|--------|-------|-------|
| 0- 30 | 342 | 5.9 | 6.8 |
| 0- 40 | 527 | 9.1 | 10.5 |
| 0- 60 | 834 | 14.4 | 16.6 |
| 0- 90 | 982 | 16.9 | 19.6 |
| 90-120 | 1204 | 20.8 | 24.0 |
| 90-150 | 3166 | 54.6 | 63.1 |
| 90-180 | 4036 | 69.6 | 80.4 |
| 0-180 | 5018 | 86.5 | 100.0 |

Coefficients of Utilization - Zonal Cavity Method

pfc = 0.20

pcc-> .8

pw-> .7 .5 .3 .0 .7 .5 .3 .0 .5 .3 .0 .5 .3 .0 .5 .3 .0

RCR

| | | | | | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 0 | 87 | 87 | 87 | 87 | 77 | 77 | 77 | 77 | 58 | 58 | 58 | 40 | 40 | 40 | 24 | 24 | 24 | 17 |
| 1 | 79 | 76 | 72 | 68 | 70 | 67 | 64 | 61 | 51 | 49 | 47 | 36 | 35 | 33 | 21 | 21 | 21 | 15 |
| 2 | 72 | 66 | 61 | 55 | 64 | 59 | 55 | 50 | 45 | 42 | 38 | 31 | 30 | 28 | 18 | 18 | 18 | 13 |
| 3 | 66 | 58 | 52 | 46 | 58 | 52 | 47 | 41 | 39 | 36 | 32 | 28 | 26 | 23 | 15 | 15 | 15 | 11 |
| 4 | 60 | 52 | 45 | 38 | 53 | 46 | 40 | 35 | 35 | 31 | 27 | 25 | 23 | 20 | 13 | 13 | 13 | 9 |
| 5 | 55 | 46 | 39 | 32 | 49 | 41 | 35 | 29 | 31 | 27 | 23 | 22 | 20 | 17 | 11 | 11 | 11 | 8 |
| 6 | 51 | 41 | 34 | 28 | 45 | 37 | 31 | 25 | 28 | 24 | 20 | 20 | 18 | 15 | 10 | 10 | 10 | 7 |
| 7 | 47 | 37 | 30 | 24 | 41 | 33 | 27 | 22 | 25 | 21 | 17 | 18 | 16 | 13 | 9 | 9 | 9 | 7 |
| 8 | 43 | 33 | 27 | 21 | 38 | 30 | 24 | 19 | 23 | 19 | 15 | 17 | 14 | 12 | 8 | 8 | 8 | 6 |
| 9 | 40 | 30 | 24 | 18 | 36 | 27 | 22 | 17 | 21 | 17 | 14 | 15 | 13 | 10 | 7 | 7 | 7 | 5 |
| 10 | 37 | 28 | 22 | 16 | 33 | 25 | 20 | 15 | 19 | 16 | 12 | 14 | 12 | 9 | 6 | 6 | 6 | 5 |