

**FEATURES**

- Available 4', 6', and 8'
- Heavy die formed steel channel
- Telescopic spring loaded lampholders
- Channel ends double as joiners
- Individual or row mounting. Surface or suspended
- ¼ turn fasteners retain the ballast cover for quick and easy installation
- T12 slimline available internationally only

**PROJECT INFORMATION**

Project Name \_\_\_\_\_

Type \_\_\_\_\_

Catalog No. \_\_\_\_\_

Date \_\_\_\_\_

**CONSTRUCTION**

Steel housing die formed with heat sink embossments for cooler running ballasts. Socket saddles are factory installed.

**CERTIFICATION**

All luminaires are built to UL 1598 standards and bear appropriate UL and CUL or CSA labels. Damp location labeling is standard. Emergency-equipped fixtures labeled UL 924.

**FINISH**

White painted parts are treated with a five stage phosphate bonding process and finished with a high reflectance baked enamel.

**ELECTRICAL**

Standard class "P," thermally protected, auto-resetting HPF ballast, sound rated A. All ballast leads extend a minimum of 6" through access location. NEC/CEC-compliant ballast disconnect is standard.

**ORDERING INFORMATION**

**EXAMPLE CS8-296-EU-EL-GLR**

| MODEL                             | SIZE  | NO. OF LAMPS IN CROSS SECTION | LAMP TYPE  | BALLAST  | VOLTAGE                 | OPTIONS   |
|-----------------------------------|---|-------------------------------|--|--|-------------------------|---|
| CS Straight-Sided Utility Channel | 4 4'<br>6 6'<br>8 8' (8' or tandem 4' lamps)<br>16 16' (Tandem) | 1 One<br>2 Two                | 48 4', T12: 40 Watt Slimline<br>72 6', 72" T12: Slimline<br>96T8 8', T8: 59 Watt<br>96 8', T12: 75 or 60 Watt Slimline | E Electronic T8, Instant Start<br><br>For a specific ballast vendor, show as option. Not all lamp-ballast combinations are available. Contact factory for details. | U 120V-277V<br>347 347V | GLR Fast Blow Fuse<br>GMF Slow Blow Fuse<br>EL Emergency Battery Pack<br>BC Branch Circuit Plug-on Wiring System. See options section for details.<br>PAF Paint After Fabrication |

**ACCESSORIES (ORDER SEPARATELY)**

- ITB4** Hanger for Close Mounting on a T-Bar Ceiling
- CSZT** Zip Tee Hanger - 1½" Spacer on T-Bar Ceiling
- CSTH** Slide Tong Hanger with 7/8" Hole
- CSWG4** 4' Wire Guard, 2 Required for 8' Fixture
- CSWG3** 3' Wire Guard, 2 Required for 6' Fixture
- CSRA4** 4' Asymmetric Reflector<sup>1</sup>
- CSR4** 4' Symmetric Reflector<sup>1</sup>

For complete list of options and accessories, see options and accessories section.

<sup>1</sup> Center saddles are required if reflectors are to be mounted on 8 foot and 16 foot fixtures. See options and accessories section for proper saddle.

## PHOTOMETRIC DATA

Test 11314 Test Date 1/8/03

### LUMINAIRE DATA

|                          |   |
|--------------------------|---|
| Luminaire                | CS8-296-LE<br>CS Striplight<br>8' Pendant mount striplight with white enamel reflector. |
| Ballast                  | R-2E75-S  |
| Ballast Factor           | 0.94  |
| Lamp                     | F96T12  |
| Lumens per Lamp          | 6100  |
| Watts                    | 158   |
| Shielding Angle          | N/A   |
| Spacing Criterion        | 0° = 1.25 90° = 1.58  |
| Luminous Opening in Feet | Length: 8.00<br>Width: 0.35<br>Height: 0.00   |

### ZONAL LUMEN SUMMARY

| Zone  | Lumens | Lamp | Fixt. |
|-------|--------|------|-------|
| 0-30  | 1720   | 14.1 | 15.6  |
| 0-40  | 2930   | 24.0 | 26.6  |
| 0-60  | 5726   | 46.9 | 52.0  |
| 0-90  | 8805   | 72.2 | 80.0  |
| 0-180 | 11010  | 90.2 | 100.0 |

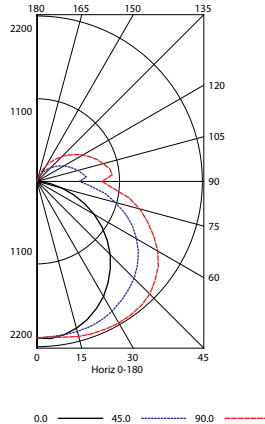
### ENERGY DATA

|   |  |
|---|--|
| Total Luminaire Efficiency                              | 90.2%  |
| Luminaire Efficacy Rating (LER)                         | 65   |
| IESNA RP-1-1993 Compliance                              | Noncompliant                                 |
| Comparative Yearly Lighting Energy Cost per 1000 Lumens | \$3.69 based on 3000 hrs. and \$0.08 per KWH |

### COEFFICIENTS OF UTILIZATION (%)

| RCR | 80 |    |    | 70 |    |    | 50 |    |    | 0  |    |    |    |
|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|     | RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 0  |
| 1   | 91 | 86 | 81 | 77 | 77 | 87 | 82 | 78 | 74 | 75 | 72 | 68 | 55 |
| 2   | 82 | 73 | 66 | 61 | 78 | 70 | 64 | 58 | 64 | 59 | 54 | 43 |    |
| 3   | 74 | 64 | 55 | 49 | 70 | 61 | 53 | 47 | 55 | 49 | 44 | 35 |    |
| 4   | 67 | 56 | 47 | 41 | 64 | 53 | 45 | 39 | 49 | 42 | 37 | 29 |    |
| 5   | 62 | 49 | 41 | 34 | 58 | 47 | 39 | 33 | 43 | 36 | 31 | 25 |    |
| 6   | 57 | 44 | 36 | 29 | 54 | 42 | 34 | 29 | 39 | 32 | 27 | 21 |    |
| 7   | 52 | 40 | 31 | 26 | 50 | 38 | 30 | 25 | 35 | 28 | 23 | 19 |    |
| 8   | 48 | 36 | 28 | 23 | 46 | 34 | 27 | 22 | 32 | 25 | 21 | 16 |    |
| 9   | 45 | 33 | 25 | 20 | 43 | 31 | 24 | 19 | 29 | 23 | 18 | 15 |    |
| 10  | 42 | 30 | 23 | 18 | 40 | 29 | 22 | 17 | 27 | 21 | 17 | 13 |    |

### INDOOR CANDELA PLOT



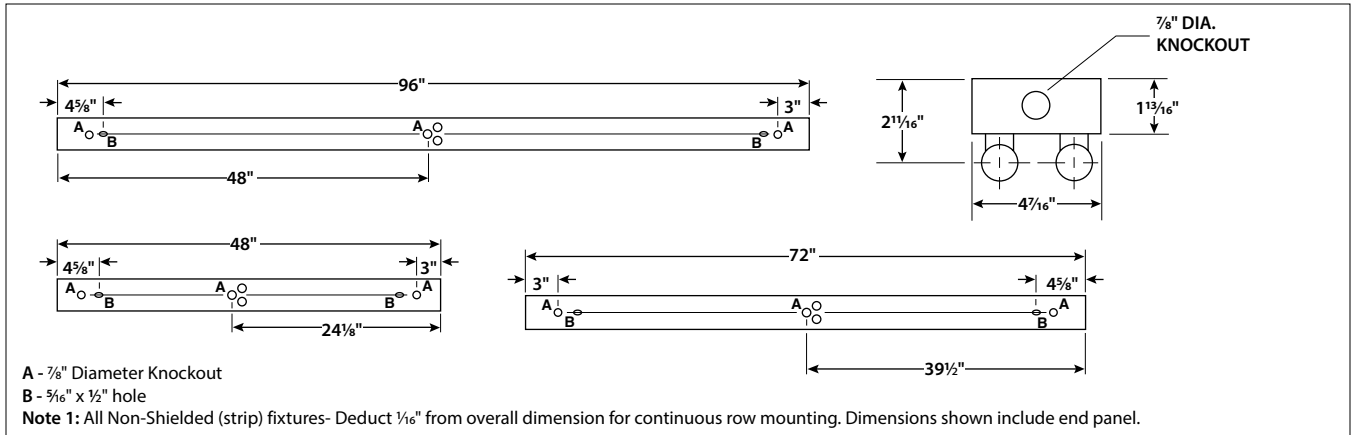
### AVG. LUMINANCE (Candela/Sq. M.)

| Average Luminance Angle | 0.0  | 22.5  | 45.0  | 67.5  | 90.0  |
|-------------------------|------|-------|-------|-------|-------|
| 0                       | 8004 | 8004  | 8004  | 8004  | 8004  |
| 30                      | 7848 | 8181  | 8851  | 9415  | 9637  |
| 40                      | 7608 | 8280  | 9465  | 10463 | 10809 |
| 45                      | 7492 | 8345  | 9916  | 11107 | 11515 |
| 50                      | 7278 | 8498  | 10418 | 11806 | 12254 |
| 55                      | 7051 | 8639  | 11012 | 12661 | 13190 |
| 60                      | 6727 | 8896  | 11733 | 13616 | 14247 |
| 65                      | 6340 | 9287  | 12744 | 14863 | 15573 |
| 70                      | 5789 | 9835  | 13994 | 16590 | 17557 |
| 75                      | 5065 | 10724 | 16041 | 19695 | 21002 |
| 80                      | 4184 | 12464 | 20323 | 25636 | 27408 |
| 85                      | 2955 | 17864 | 31538 | 41198 | 44595 |

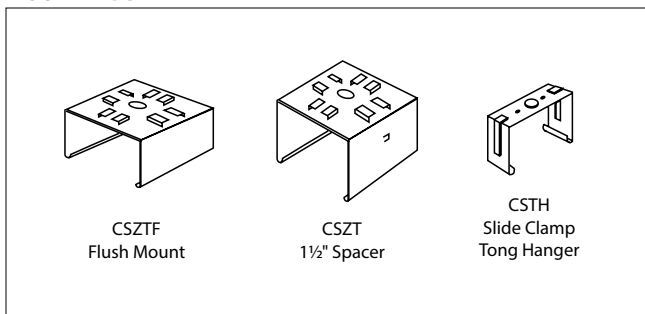
RCR = Room Cavity Ratio

RC = Effective Ceiling Cavity Reflectance RW = Wall Reflectance

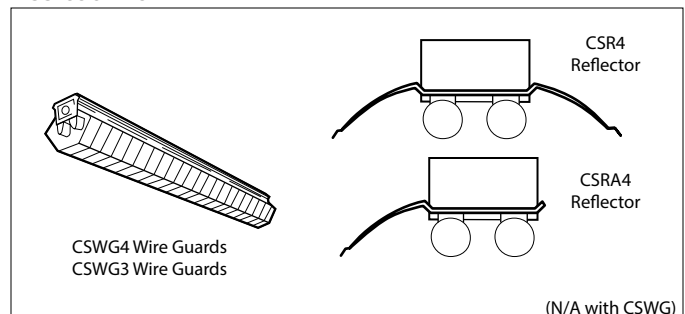
### DIMENSIONAL DATA



### MOUNTING DATA



### ACCESSORIES



**NOTE:** All dimensions are in inches; dimensions and specifications are subject to change without notice. Please consult factory or check sample for verification.