

Ordering information

| SL | 4 | | A | | | | | |
|------------------------|-------------------------------|---|----------------------------|-----------------------------|--|---|--|---|
| Family | Luminaire Length ¹ | Mounting | Optics | Lamp Qty in a cross section | Lamp | Voltage | Ballast | Options |
| SL: Spectral H-Profile | 4: 4' | G: Recessed standard T-grid or Recessed Narrow (Slim) T-grid T: Recessed Slotted T-grid F: Recessed Flanged Drywall L: Recessed Flangeless | A: Parabolic Louver | 1 2 | 2: 28WT5 5: 54WT5HO | U: UNV, 120-277V 1: 120V 2: 277V 3: 347V | PG: Electronic Program Start T5/T5HO DA: iGEN DALI Addressable T5/T5HO (120V or 277V only) NW: iGEN EZ Sensor Integral Daylight Sensor Control with 1-10VDC ballast (120V or 277V only) | E: T5/T5HO Emergency Lighting System (Canada) (n/a in 347V) EM: T5/T5HO Emergency Lighting System (USA) CP: Chicago Plenum |

¹ For 8' luminaires, consult factory

Features

- Slim 3" aperture
- Direct optic up to 76.3% efficient using T5 lamp technology (1-lamp version)
- Meets ANSI/IESNA RP-1-2004 maximum luminous intensity criteria for normal VDT use (1 or 2-lamp 28W T5)
- Light weight construction (48" luminaire weight 8.5 lb / 3.85 kg)
- Chicago Plenum available

Construction

- Post-painted 20-gauge steel housing
- Optic made of highly reflective textured matte aluminum
- Parabolic Louver with built-in light stop to prevent light leaks

Electrical

- Ballast access from below for easy maintenance
- Suitable for damp location

Options and accessories

- Emergency circuiting

Mounting

- Suitable for row-mounting.

Finish

- Post-painted 20-gauge steel housing

Labels

- cCSAus listed

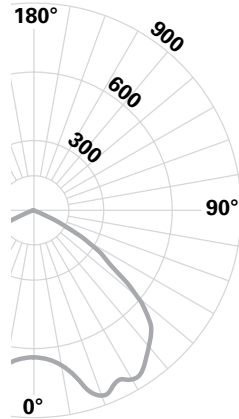
| Job Information | Type: |
|------------------|-------|
| Job Name: | |
| Cat. No.: | |
| Lamp(s): | |
| Notes: | |

Lightolier www.lightolier.com
 631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
 We reserve the right to change details of design, materials and finish.
 © 2008 Philips Group • **H-Profile R_Louver.pdf**

Canlyte www.canlyte.com
 3015 Louis-Amos, Lachine, Québec H8T 1C4 • (514) 636-0670 • (514) 636-0460

Performance 1 Lamp

CANDLEPOWER CURVE



CANDLEPOWER

| ZONE DEG | ALONG | | | | ACROSS | | | |
|----------|-------|-----|------|-----|--------|-----|------|-----|
| | 22.5 | 45 | 67.5 | | 22.5 | 45 | 67.5 | |
| 0 | 636 | 636 | 636 | 636 | 636 | 636 | 636 | 636 |
| 5 | 634 | 638 | 647 | 652 | 646 | 650 | 659 | 664 |
| 10 | 628 | 645 | 675 | 688 | 681 | 694 | 707 | 719 |
| 15 | 607 | 644 | 697 | 759 | 770 | 781 | 792 | 802 |
| 20 | 580 | 638 | 751 | 855 | 862 | 873 | 884 | 894 |
| 25 | 535 | 623 | 802 | 840 | 832 | 843 | 854 | 864 |
| 30 | 505 | 620 | 768 | 830 | 850 | 860 | 870 | 880 |
| 35 | 486 | 629 | 730 | 835 | 836 | 846 | 856 | 866 |
| 40 | 436 | 609 | 727 | 771 | 779 | 788 | 797 | 806 |
| 45 | 367 | 541 | 651 | 701 | 723 | 745 | 767 | 789 |
| 50 | 320 | 458 | 552 | 590 | 601 | 622 | 643 | 664 |
| 55 | 241 | 364 | 428 | 402 | 392 | 413 | 434 | 455 |
| 60 | 143 | 223 | 270 | 270 | 266 | 271 | 276 | 281 |
| 65 | 57 | 84 | 130 | 132 | 121 | 126 | 131 | 136 |
| 70 | 28 | 34 | 44 | 49 | 43 | 48 | 53 | 58 |
| 75 | 15 | 16 | 16 | 20 | 21 | 22 | 23 | 24 |
| 80 | 7 | 7 | 7 | 9 | 10 | 11 | 12 | 13 |
| 85 | 2 | 2 | 2 | 3 | 3 | 4 | 4 | 5 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

REPORT NO: C08062
 CAT. NO: SL4GA121PG
 1 X 28W T5 at 2610 Lumens
 Efficiency: 76.3%
 Candela at Nadir: 636 cd

COEFFICIENTS OF UTILIZATION

ZONAL CAVITY METHOD * EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

| Room Cavity Ratio | Wall Reflectance | | | | | | | | | | | |
|-------------------|------------------|----|----|----|----|----|----|----|----|----|----|--|
| | 80 | | | | 70 | | | | 50 | | | |
| | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | |
| 0 | 91 | 91 | 91 | 91 | 89 | 89 | 89 | 89 | 85 | 85 | 85 | |
| 1 | 85 | 82 | 80 | 77 | 83 | 81 | 78 | 76 | 77 | 76 | 74 | |
| 2 | 79 | 74 | 70 | 67 | 77 | 73 | 69 | 66 | 70 | 67 | 64 | |
| 3 | 73 | 67 | 62 | 58 | 71 | 65 | 61 | 57 | 63 | 59 | 56 | |
| 4 | 68 | 60 | 54 | 50 | 66 | 59 | 54 | 49 | 57 | 52 | 49 | |
| 5 | 62 | 53 | 47 | 43 | 60 | 53 | 47 | 43 | 51 | 46 | 42 | |
| 6 | 57 | 48 | 42 | 37 | 56 | 47 | 41 | 37 | 46 | 41 | 37 | |
| 7 | 52 | 43 | 37 | 32 | 51 | 42 | 36 | 32 | 41 | 36 | 32 | |
| 8 | 48 | 38 | 32 | 28 | 47 | 38 | 32 | 28 | 37 | 31 | 28 | |
| 9 | 44 | 34 | 28 | 24 | 43 | 34 | 28 | 24 | 33 | 27 | 24 | |
| 10 | 41 | 31 | 25 | 21 | 40 | 30 | 25 | 21 | 30 | 24 | 21 | |

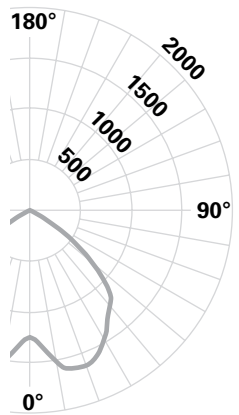
DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES
 LUMINAIRE INPUT WATTS = 32.7

DISTRIBUTION

| ZONE | LUMENS | % LAMP | % LUMINAIRE |
|--------|--------|--------|-------------|
| 0-30 | 602 | 23.07 | 30.22 |
| 0-40 | 1046 | 40.09 | 52.53 |
| 0-60 | 1849 | 70.88 | 92.86 |
| 0-90 | 1992 | 76.33 | 100.00 |
| 40-90 | 945 | 36.24 | 47.47 |
| 60-90 | 142 | 5.45 | 7.14 |
| 90-180 | 0 | 0.00 | 0.00 |
| 0-180 | 1992 | 76.33 | 100.00 |

Performance 2 Lamp

CANDLEPOWER CURVE



CANDLEPOWER

| ZONE DEG | ALONG | | | | ACROSS | | | |
|----------|-------|------|------|------|--------|------|------|------|
| | 22.5 | 45 | 67.5 | | 22.5 | 45 | 67.5 | |
| 0 | 1249 | 1249 | 1249 | 1249 | 1249 | 1249 | 1249 | 1249 |
| 5 | 1234 | 1269 | 1313 | 1344 | 1341 | 1376 | 1411 | 1442 |
| 10 | 1215 | 1302 | 1421 | 1506 | 1509 | 1544 | 1579 | 1614 |
| 15 | 1176 | 1324 | 1536 | 1620 | 1615 | 1650 | 1685 | 1720 |
| 20 | 1129 | 1344 | 1544 | 1628 | 1631 | 1666 | 1701 | 1736 |
| 25 | 1064 | 1357 | 1521 | 1585 | 1579 | 1614 | 1649 | 1684 |
| 30 | 998 | 1326 | 1450 | 1483 | 1472 | 1507 | 1540 | 1573 |
| 35 | 942 | 1247 | 1335 | 1346 | 1341 | 1376 | 1411 | 1442 |
| 40 | 862 | 1149 | 1192 | 1199 | 1230 | 1265 | 1300 | 1335 |
| 45 | 749 | 1013 | 1022 | 1083 | 1104 | 1139 | 1174 | 1209 |
| 50 | 637 | 838 | 841 | 840 | 828 | 863 | 898 | 933 |
| 55 | 498 | 631 | 630 | 548 | 529 | 563 | 598 | 633 |
| 60 | 294 | 382 | 382 | 292 | 242 | 276 | 311 | 346 |
| 65 | 115 | 143 | 180 | 112 | 87 | 121 | 155 | 190 |
| 70 | 54 | 57 | 58 | 58 | 44 | 61 | 78 | 95 |
| 75 | 28 | 28 | 25 | 25 | 25 | 34 | 43 | 52 |
| 80 | 13 | 13 | 12 | 13 | 13 | 17 | 21 | 25 |
| 85 | 4 | 4 | 5 | 5 | 5 | 7 | 9 | 11 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

REPORT NO: C08059
 CAT. NO: SL4GA221PG
 2 X 28W T5 at 2610 Lumens
 Efficiency: 66.4%
 Candela at Nadir: 1249 cd

COEFFICIENTS OF UTILIZATION

ZONAL CAVITY METHOD * EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

| Room Cavity Ratio | Wall Reflectance | | | | | | | | | | | |
|-------------------|------------------|----|----|----|----|----|----|----|----|----|----|--|
| | 80 | | | | 70 | | | | 50 | | | |
| | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | |
| 0 | 79 | 79 | 79 | 79 | 77 | 77 | 77 | 77 | 71 | 71 | 71 | |
| 1 | 74 | 72 | 70 | 68 | 73 | 71 | 69 | 67 | 65 | 64 | 63 | |
| 2 | 69 | 65 | 62 | 59 | 68 | 64 | 61 | 58 | 60 | 58 | 56 | |
| 3 | 64 | 59 | 55 | 51 | 63 | 58 | 54 | 51 | 54 | 52 | 49 | |
| 4 | 60 | 53 | 48 | 45 | 58 | 52 | 48 | 44 | 49 | 46 | 43 | |
| 5 | 55 | 48 | 43 | 39 | 54 | 47 | 42 | 39 | 45 | 41 | 38 | |
| 6 | 51 | 43 | 38 | 34 | 50 | 43 | 38 | 34 | 40 | 37 | 34 | |
| 7 | 47 | 39 | 34 | 30 | 46 | 38 | 34 | 30 | 36 | 33 | 29 | |
| 8 | 43 | 35 | 30 | 26 | 42 | 34 | 30 | 26 | 33 | 29 | 26 | |
| 9 | 40 | 31 | 26 | 23 | 39 | 31 | 26 | 23 | 30 | 25 | 22 | |
| 10 | 37 | 28 | 23 | 20 | 36 | 28 | 23 | 20 | 27 | 23 | 20 | |

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES
 LUMINAIRE INPUT WATTS = 65.6

DISTRIBUTION

| ZONE | LUMENS | % LAMP | % LUMINAIRE |
|--------|--------|--------|-------------|
| 0-30 | 1206 | 23.11 | 34.80 |
| 0-40 | 1996 | 38.25 | 57.59 |
| 0-60 | 3276 | 62.78 | 94.52 |
| 0-90 | 3466 | 66.42 | 100.00 |
| 40-90 | 1470 | 28.17 | 42.41 |
| 60-90 | 189 | 3.64 | 5.48 |
| 90-180 | 0 | 0.00 | 0.00 |
| 0-180 | 3466 | 66.42 | 100.00 |

Job Information Type:

Lightolier www.lightolier.com
 631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
 We reserve the right to change details of design, materials and finish.
 © 2008 Philips Group • **H-Profile R_Louver.pdf**

Canlyte www.canlyte.com
 3015 Louis-Amos, Lachine, Québec H8T 1C4 • (514) 636-0670 • (514) 636-0460