

Ordering information

| SL | | | A | | | | | | |
|------------------------|------------------|---|---------------------|--|-----------------------------|------------------------|---|---|--|
| Family | Luminaire Length | Pendant Finish | Optics | Wiring | Lamp Qty in a cross section | Lamp | Voltage | Ballast | Options |
| SL: Spectral H-Profile | 4: 4' 8: 8' | W: Textured White finish A: Ano textured metallic paint finish | A: Parabolic Louver | S: Double Circuit Ready ¹ N: Double Circuit Network Ready (DALI or Dimming) I: Individual Feed G: Group Feed | 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) |

¹ Double Circuit Ready: all 2-lamp luminaires are shipped with single switching (one ballast)
All 3-lamp luminaires are shipped with double switching (two ballasts).

Features

- Direct optics up to 76.7% efficient using T5 lamp technology (1-lamp version).
- Rugged construction (46-3/8" luminaire weight 10.5 lb / 4.75 kg)
- Trouble-free luminaire-to-luminaire connectability and luminaire-to-end-cap installation.
- Special die-cast aluminum joining mechanism providing continuous trouble-free, mechanical and electrical connections (plus network connections Network version), as well as no-hassle end-cap installation.
- Built-in network connectors and wiring (Network).

Construction

- Extruded aluminum luminaire with 20-gauge steel ballast channel
- Highly resistant die-cast aluminum end-cap
- Optic made of highly reflective matte aluminum
- Unique contoured semi-specular louver design with integral light stop

Electrical

- Standard product offering (DS and DN version, 120V and 277V only) includes continuous 2-circuit wiring, one circuit for the upper compartment (if applicable) and one circuit for the lower compartment (if applicable). Single and double compartment luminaires can be mixed.
- Quick connectors for power and network cable (Network-Ready only) and easy plug-in connections system between luminaires.
- 18-gauge wire, maximum 10A per circuit.
- Suitable for damp location.

Options and accessories

- Emergency circuiting

Mounting

- Suspension points on module: every 44-3/16" or every 90-3/16" (4' or 8' luminaire.)
- Fast installation using mounting clip for Standard T-bar and Slim T-bar or for Slot T-bar (see last page).
- Suitable for row-mounting.

Finish

- Seamless color and texture finish between luminaire and end-caps.
- Available with textured (white or ano) high resistant powder-based coating.

Labels

- cCSAus listed

See page 2 for Fixture Length & mounting locations

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

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H-Profile Accessories

Suspension Kit Part Number Logic

| SL | H | AC | | |
|--------------|--------------|-------------------------------|-----------------------|---|
| Family | Product | Suspension Type | Aircraft Cable Length | Colour |
| SL: Spectral | H: H-Profile | AC: Aircraft cable c/w canopy | 24: 24" 36: 36" | XW: Textured White finish XA: Ano textured metallic paint finish |

Powerfeed Kit Part Number Logic

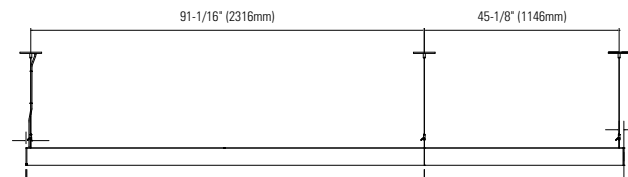
| SL | H | EC | | | | |
|--------------|--------------|-------------------------------------|-----------------------|---|--|---|
| Family | Product | Suspension Type | Aircraft Cable Length | Colour | Voltage | Wiring |
| SL: Spectral | H: H-Profile | EC: Powerfeed c/w end caps & canopy | 24: 24" 36: 36" | WW: Textured White finish AA: Ano textured metallic paint finish | U: universal voltage 120-277V 3: 347V | DS: Double Circuit Ready ¹ DN: Double Circuit Network Ready |

Mounting Elements

| | |
|-------------------|--|
| AGTB | One-piece T-bar wraparound clip for standard T or narrow T |
| AGSB | One-piece T-bar wraparound clip for slot T (consult your Lightolier representative for availability) |
| AGOG | Off-grid holding bar |
| AGEB [†] | One-piece T-bar wraparound clip for standard T or narrow T with integrated easy-access Lightolier electrical box |
| AGES [†] | One-piece T-bar wraparound clip for slot T with integrated easy-access Lightolier electrical box (consult your Lightolier representative for availability) |
| AGEO [†] | Off-grid holding bar with integrated easy-access Lightolier electrical box |

Powerfeed IGEN Multisense™ Sensor Kit Part Number Logic

| SL | H | EM | | | | |
|--------------|--------------|--|-----------------------|---|--------------------|----------------------------------|
| Family | Product | Suspension Type | Aircraft Cable Length | Colour | Voltage | Wiring |
| SL: Spectral | H: H-Profile | EM: Powerfeed c/w end caps, canopy & sensor module | 24: 24" 36: 36" | WW: Textured White finish AA: Ano textured metallic paint finish | 1: 120V 2: 277V | DN: Double Circuit Network Ready |



Fixture Lengths & mounting locations

- ¹ Double Circuit Ready: all 2-lamp luminaires are shipped with single switching (one ballast). All 3-lamp luminaires are shipped with double switching (two ballasts). If electrical junction box is needed to connect emergency wiring, order AGE^B, AGE^S or AGE^O.
- ^{**} 18-gauge wire. Maximum of 10A per breaker. 2 circuits using 2 breakers with common neutral.
- [▼] For maximum flexibility, DS & DN wiring options include continuous 2-circuit wiring: one circuit for upper compartment, one circuit for lower compartment (single and double compartment luminaires can be mixed).
- [†] Listed as a standard electrical box for through-branch wiring.
- ^{††} Consult your Lightolier representative for other adapter shapes.
- [▲] To order the latest network type ballast for the H-Profile luminaire, consult you Lightolier representative for availability.

Ordering instructions

1. Choose H-Profile luminaire.
2. Choose Power Feed Suspension Kit. One Kit per individual luminaire or one per row at row extremity (18-gauge wire feed, maximum of 10A per circuit).
3. Choose Suspension kit. One per luminaire.
4. Choose Mounting Elements. One per Suspension Kit.
5. Choose Mounting Elements with Junction Box. One per Power Feed Suspension Kit as needed.

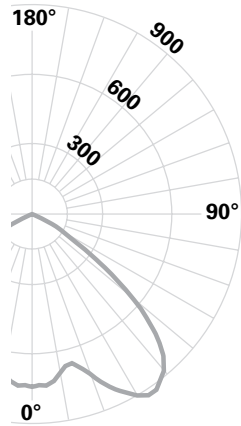
| | |
|------------------------|--------------|
| Job Information | Type: |
|------------------------|--------------|

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Performance 1 lamp DOWN

CANDLEPOWER CURVE



REPORT NO: C08068
 CAT. NO: SL4AAS12UPG
 1 X 28W T5 at 2610 lumens.
 Efficiency: 76.7%
 Candela at Nadir: 749 cd

CANDLEPOWER

| ZONE DEG | CANDLEPOWER | | | | |
|----------|-------------|------|-----|------|--------|
| | ALONG | 22.5 | 45 | 67.5 | ACROSS |
| 0 | 749 | 749 | 749 | 749 | 749 |
| 5 | 744 | 751 | 755 | 758 | 745 |
| 10 | 731 | 742 | 752 | 724 | 701 |
| 15 | 705 | 723 | 691 | 670 | 668 |
| 20 | 673 | 686 | 640 | 722 | 741 |
| 25 | 632 | 626 | 674 | 808 | 832 |
| 30 | 584 | 561 | 725 | 871 | 908 |
| 35 | 539 | 516 | 749 | 906 | 929 |
| 40 | 493 | 517 | 766 | 852 | 879 |
| 45 | 430 | 514 | 705 | 758 | 766 |
| 50 | 355 | 460 | 593 | 580 | 564 |
| 55 | 278 | 376 | 434 | 361 | 314 |
| 60 | 167 | 241 | 258 | 173 | 138 |
| 65 | 70 | 97 | 119 | 98 | 78 |
| 70 | 36 | 45 | 47 | 49 | 39 |
| 75 | 22 | 26 | 23 | 21 | 21 |
| 80 | 13 | 15 | 13 | 12 | 11 |
| 85 | 8 | 7 | 6 | 6 | 5 |
| 90 | 0 | 0 | 0 | 0 | 0 |

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 | 83 | 80 | 78 | 83 | 81 | 79 | 76 | 78 | 76 | 74 | |
| 2 | 79 | 75 | 70 | 67 | 78 | 73 | 69 | 66 | 70 | 67 | 65 | |
| 3 | 73 | 67 | 62 | 58 | 72 | 66 | 61 | 57 | 64 | 60 | 56 | |
| 4 | 68 | 60 | 54 | 50 | 66 | 59 | 54 | 50 | 57 | 53 | 49 | |
| 5 | 63 | 54 | 48 | 43 | 61 | 53 | 47 | 43 | 51 | 46 | 43 | |
| 6 | 58 | 48 | 42 | 38 | 56 | 48 | 42 | 37 | 46 | 41 | 37 | |
| 7 | 53 | 43 | 37 | 33 | 52 | 43 | 37 | 32 | 41 | 36 | 32 | |
| 8 | 48 | 38 | 32 | 28 | 47 | 38 | 32 | 28 | 37 | 32 | 28 | |
| 9 | 44 | 34 | 28 | 24 | 43 | 34 | 28 | 24 | 33 | 28 | 24 | |
| 10 | 41 | 31 | 25 | 21 | 40 | 31 | 25 | 21 | 30 | 24 | 21 | |

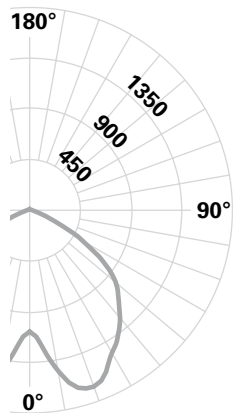
DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES
 LUMINAIRE INPUT WATTS = 33

DISTRIBUTION

| ZONE | LUMENS | % LAMP | % LUMINAIRE |
|--------|--------|--------|-------------|
| 0-30 | 597 | 22.91 | 29.87 |
| 0-40 | 1050 | 40.26 | 52.49 |
| 0-60 | 1862 | 71.36 | 93.05 |
| 0-90 | 2001 | 76.69 | 100.00 |
| 40-90 | 950 | 36.43 | 47.51 |
| 60-90 | 139 | 5.33 | 6.95 |
| 90-180 | 0 | 0.00 | 0.00 |
| 0-180 | 2001 | 76.69 | 100.00 |

Performance 2 lamp DOWN

CANDLEPOWER CURVE



REPORT NO: C08071
 CAT. NO: SL4WAS22UPG
 2 X 28W T5 at 2610 lumens.
 Efficiency: 69.7%
 Candela at Nadir: 1084 cd

CANDLEPOWER

| ZONE DEG | CANDLEPOWER | | | | |
|----------|-------------|------|------|------|--------|
| | ALONG | 22.5 | 45 | 67.5 | ACROSS |
| 0 | 1084 | 1084 | 1084 | 1084 | 1084 |
| 5 | 1078 | 1116 | 1183 | 1230 | 1222 |
| 10 | 1065 | 1180 | 1346 | 1450 | 1456 |
| 15 | 1034 | 1236 | 1484 | 1632 | 1633 |
| 20 | 998 | 1279 | 1571 | 1670 | 1665 |
| 25 | 955 | 1306 | 1561 | 1617 | 1590 |
| 30 | 896 | 1317 | 1482 | 1488 | 1456 |
| 35 | 829 | 1269 | 1336 | 1355 | 1362 |
| 40 | 775 | 1177 | 1194 | 1229 | 1241 |
| 45 | 722 | 1045 | 1056 | 1076 | 1106 |
| 50 | 624 | 876 | 900 | 950 | 986 |
| 55 | 490 | 669 | 715 | 751 | 780 |
| 60 | 302 | 415 | 493 | 513 | 525 |
| 65 | 125 | 161 | 241 | 270 | 250 |
| 70 | 60 | 67 | 76 | 94 | 80 |
| 75 | 31 | 32 | 31 | 35 | 38 |
| 80 | 14 | 14 | 14 | 16 | 18 |
| 85 | 4 | 4 | 4 | 5 | 6 |
| 90 | 0 | 0 | 0 | 0 | 0 |

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 | 83 | 83 | 83 | 83 | 81 | 81 | 81 | 81 | 77 | 77 | 77 | |
| 1 | 78 | 75 | 73 | 71 | 76 | 74 | 72 | 70 | 71 | 69 | 68 | |
| 2 | 72 | 68 | 64 | 61 | 71 | 66 | 63 | 60 | 64 | 61 | 59 | |
| 3 | 67 | 61 | 56 | 53 | 65 | 60 | 56 | 52 | 58 | 54 | 51 | |
| 4 | 62 | 55 | 50 | 46 | 60 | 54 | 49 | 45 | 52 | 48 | 45 | |
| 5 | 57 | 49 | 43 | 39 | 55 | 48 | 43 | 39 | 47 | 42 | 39 | |
| 6 | 52 | 44 | 38 | 35 | 51 | 43 | 38 | 34 | 42 | 38 | 34 | |
| 7 | 48 | 40 | 34 | 30 | 47 | 39 | 34 | 30 | 38 | 33 | 30 | |
| 8 | 44 | 35 | 30 | 26 | 43 | 35 | 30 | 26 | 34 | 29 | 26 | |
| 9 | 41 | 32 | 26 | 22 | 40 | 31 | 26 | 22 | 30 | 26 | 22 | |
| 10 | 38 | 29 | 23 | 20 | 37 | 28 | 23 | 20 | 28 | 23 | 20 | |

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES
 LUMINAIRE INPUT WATTS = 64

DISTRIBUTION

| ZONE | LUMENS | % LAMP | % LUMINAIRE |
|--------|--------|--------|-------------|
| 0-30 | 1178 | 22.57 | 32.38 |
| 0-40 | 1966 | 37.68 | 54.06 |
| 0-60 | 3362 | 64.41 | 92.42 |
| 0-90 | 3637 | 69.69 | 100.00 |
| 40-90 | 1671 | 32.02 | 45.94 |
| 60-90 | 275 | 5.29 | 7.58 |
| 90-180 | 0 | 0.00 | 0.00 |
| 0-180 | 3637 | 69.69 | 100.00 |

| | |
|------------------------|--------------|
| Job Information | Type: |
|------------------------|--------------|

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