

Ordering information

SL			B						
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: Anodized textured metallic paint finish	B: Flat Frosted Acrylic Lens	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 DP: iGEN MultiSense IR/DH Integral motion sensor C/W DALI Ballast 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 64.4% efficient using T5 lamp technology (2-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
- Precision snap-in Frosted Acrylic Lens features flat, even surface that sits flush with housing, and includes diffusion properties to eliminate lamp image

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:	

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 end canopy	24: 24" 36: 36"	XW: Textured White finish XA: Ano textured metallic paint finish

Powerfeed Kit Part Number Logic

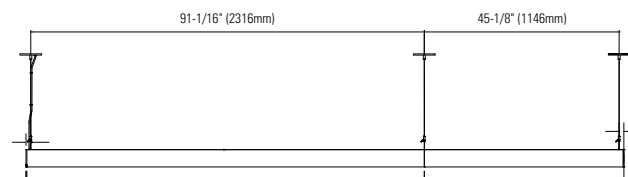
SL	H	EC				
Family	Product	Suspension Type	Aircraft Cable Length	Colour	Voltage	Wiring
SL: Spectral	H: H-Profile	EC: Powerfeed c/w end caps & canopy	24: 24" 36: 36"	WW: Textured White finish AA: Ano textured metallic paint finish	U: universal voltage 120-277V 3: 347V	DS: Double Circuit Ready ¹ DN: Double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

Lightolier
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.
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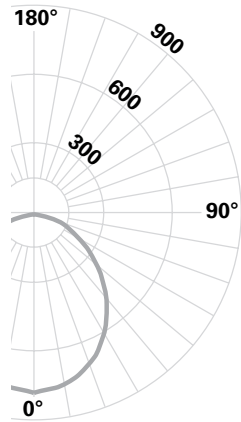
www.lightolier.com

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

www.canlyte.com

Performance 1 lamp DOWN

CANDLEPOWER CURVE



CANDLEPOWER

ZONE DEG	CANDLEPOWER				
	ALONG	22.5	45	67.5	ACROSS
0	597	597	597	597	597
5	593	597	600	601	591
10	584	590	598	602	594
15	569	579	590	596	589
20	547	560	575	585	580
25	520	534	555	567	561
30	488	505	527	537	530
35	450	468	490	499	491
40	408	426	447	452	444
45	363	380	398	399	391
50	316	331	345	343	336
55	269	282	292	287	281
60	222	234	240	234	228
65	177	187	190	183	178
70	135	143	143	137	132
75	97	102	101	96	94
80	63	65	63	61	59
85	33	32	30	30	30
90	0	0	0	0	0

REPORT NO: C08070
 CAT. NO: SL4WBS12UPG
 1 X 28W T5 at 2610 lumens.
 Efficiency: 63.2%
 Candela at Nadir: 597 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	75	75	75	75	74	74	74	74	70	70	70	
1	69	67	64	62	68	65	63	61	62	61	59	
2	64	59	55	51	62	58	54	51	55	52	50	
3	58	52	47	44	57	51	47	43	49	46	42	
4	54	47	41	37	52	46	41	37	44	40	37	
5	49	41	36	32	48	41	35	32	39	35	31	
6	45	37	32	28	44	36	31	27	35	31	27	
7	42	33	28	24	41	33	28	24	32	27	24	
8	38	30	25	21	38	29	24	21	29	24	21	
9	35	27	22	18	35	27	22	18	26	21	18	
10	33	25	19	16	32	24	19	16	23	19	16	

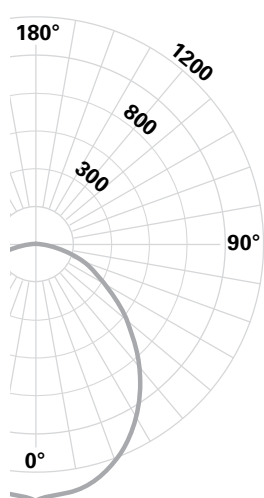
DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES
 LUMINAIRE INPUT WATTS = 33

DISTRIBUTION

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	475	18.21	28.81
0-40	775	29.72	47.02
0-60	1328	50.89	80.51
0-90	1649	63.21	100.00
40-90	874	33.49	52.98
60-90	321	12.32	19.49
90-180	0	0.00	0.00
0-180	1649	63.21	100.00

Performance 2 lamp DOWN

CANDLEPOWER CURVE



CANDLEPOWER

ZONE DEG	CANDLEPOWER				
	ALONG	22.5	45	67.5	ACROSS
0	1355	1355	1355	1355	1355
5	1345	1355	1359	1355	1329
10	1321	1333	1341	1339	1314
15	1281	1297	1303	1298	1275
20	1226	1241	1248	1243	1223
25	1157	1172	1181	1176	1152
30	1076	1094	1100	1088	1063
35	984	1000	1004	989	965
40	885	898	902	882	859
45	779	791	791	768	745
50	672	680	679	656	636
55	566	571	568	546	529
60	462	467	463	443	428
65	365	368	363	346	334
70	275	277	272	258	250
75	193	195	189	181	176
80	120	120	116	112	109
85	57	55	53	52	52
90	0	0	0	0	0

REPORT NO: C08072
 CAT. NO: SL4WBS22UPG
 2 X 28W T5 DOWN at 2610 lumens
 Efficiency: 64.4%
 Candela at Nadir: 1355 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	77	77	77	77	75	75	75	75	72	72	72	
1	71	68	66	63	69	67	64	62	64	62	60	
2	65	60	56	53	64	59	55	52	57	54	51	
3	60	54	49	45	58	53	48	45	51	47	44	
4	55	48	43	39	54	47	42	39	46	41	38	
5	51	43	37	33	49	42	37	33	41	36	33	
6	47	38	33	29	45	38	33	29	37	32	29	
7	43	35	29	26	42	34	29	25	33	28	25	
8	40	31	26	22	39	31	26	22	30	25	22	
9	37	28	23	19	36	28	23	19	27	22	19	
10	34	26	20	17	33	25	20	17	25	20	17	

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

DISTRIBUTION

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1031	19.77	30.70
0-40	1650	31.62	49.10
0-60	2748	52.65	81.77
0-90	3361	64.40	100.00
40-90	1710	32.78	50.90
60-90	612	11.74	18.23
90-180	0	0.00	0.00
0-180	3361	64.40	100.00

Job Information	Type:
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