

Ordering information

SL			K							
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	K: Flat Frosted Acrylic Lens Down / Indirect Up	S: Double Circuit Ready ¹ N: Double Circuit Network Ready (DALI or Dimming) I: Individual Feed G: Group Feed	2 3	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) D ¹ : Double Switching 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-Indirect up to 79.4% efficient (59% up, 41% down) using T5 lamp technology (1-lamp up / 1-lamp down configuration).
- Separate optics for maximum control options.
- Rugged construction (46-3/8" luminaire weighs only 10.5lbs (4.75kg))
- Wide indirect distribution for uniform ceiling luminance.
- 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 white paint
- 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 every 44-3/16" (4ft luminaire) or every 90-3/16" (8ft 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:	

Separate Optics

H-Profile features separate optics enabling the independent lighting control of upper and lower H-Profile compartments, whether the luminaire is installed individually or in a row.

INDIVIDUAL CONTROL

- One circuit for H-Profile upper compartment controls 1 ballast and 1 T5 lamp(s) for indirect lighting (per 4' of luminaire).
- One circuit for H-Profile lower compartment controls 1 ballast and 1 or 2 T5 lamp(s) for direct lighting (per 4' of luminaire).
- Two ballasts allow independent control of compartments (e.g. uniform ceiling luminance and no direct light).
- Separate dimming of compartments available with H-Profile Network version.

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: Anco textured metallic paint finish

Powerfeed Kit Part Number Logic

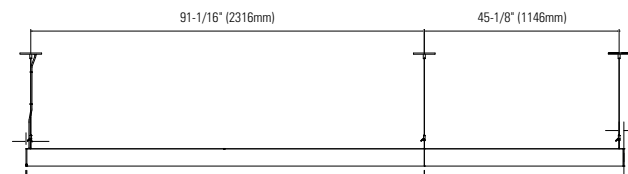
SL	H	EC				
Family	Product	Suspension Type	Aircraft Cable Length	Colour	Voltage	Wiring
SL: Spectral	H: H-Profile	EC: Powerfeed c/w end caps & canopy	24: 24" 36: 36"	WW: Textured White finish AA: Anco textured metallic paint finish	U: universal voltage 120-277V 3: 347V	DS: Double Circuit Ready ¹ DN: Double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

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: Anco textured metallic paint finish	1: 120V 2: 277V	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



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 AGEB, AGES or AGEO.
- *** 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.

CONTINUOUS-ROW CONTROL

All H-Profile luminaires are available with double-circuit wiring (suffixes DS and DN). When H-Profile is installed in a row with other H-Profile luminaires, the two continuous-wired circuits maintain the integrity of separate controls for the H-Profile luminaire.

- Rows combining H-Profile Direct/Indirect and H-Profile Indirect only useful for applications requiring specially located direct light for task illumination.
- When the upper-compartment circuit is switched on, upper-compartment lighting for the entire row is activated.
- When the lower-compartment circuit is switched on, lower-compartment lighting for the entire row is activated.
- Mixed rows including different models of H-Profile Network enable precise control of each circuit in each luminaire.

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
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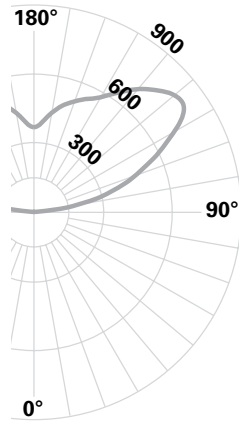
www.lightolier.com

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

www.canlyte.com

Performance Upper Compartment

CANDLEPOWER CURVE



CANDLEPOWER

ZONE DEG	CANDLEPOWER				
	ALONG	22.5	45	67.5	ACROSS
180	364	364	364	364	364
175	360	366	378	387	387
170	355	376	408	428	434
165	346	386	435	465	475
160	334	393	455	495	508
155	319	395	470	521	537
150	301	393	481	549	570
145	280	387	493	592	627
140	258	376	507	654	688
135	232	361	546	704	744
130	205	345	577	751	786
125	176	327	600	773	793
120	146	322	609	714	706
115	117	324	580	596	582
110	88	316	460	478	473
105	60	290	344	360	353
100	35	184	221	223	215
95	15	84	91	84	78
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	88	88	88	88	75	75	75	75	51	51	51	
1	80	76	73	70	68	65	63	59	45	43	42	
2	73	66	61	57	62	57	53	49	39	36	34	
3	66	58	52	47	57	50	45	41	34	31	29	
4	60	51	45	40	51	44	39	34	30	27	24	
5	55	45	39	34	47	39	33	29	27	23	21	
6	51	41	34	29	43	35	29	25	24	20	18	
7	47	36	29	25	40	31	26	22	21	18	15	
8	43	33	26	21	37	28	22	19	19	16	13	
9	40	29	23	19	34	25	20	16	17	14	12	
10	37	27	21	16	31	23	18	14	16	13	10	

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

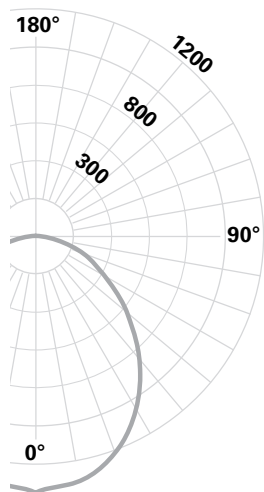
DISTRIBUTION

ZONE	LUMENS	% LAMP	% LUMINAIRE
180-150	367	14.09	15.24
180-140	670	25.70	27.80
180-120	1559	59.77	64.63
180-90	2413	92.47	100.00
140-90	1742	66.77	72.20
120-90	853	32.71	35.37
0-90	0	0.00	0.00
0-180	2413	92.47	100.00

REPORT NO: C08067U
CAT. NO: SL4WCS12UPG
1 X 28W T5 UP at 2610 Lumens
Efficiency: 92.5%
Indirect maximum Candela: 793 cd
Indirect Peak at: 125°

Performance Lower Compartment

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

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

REPORT NO: C08072
CAT. NO: SL4WBS22UPG
2 X 28W T5 DOWN at 2610 lumens
Efficiency: 64.4%
Candela at Nadir: 1355 cd

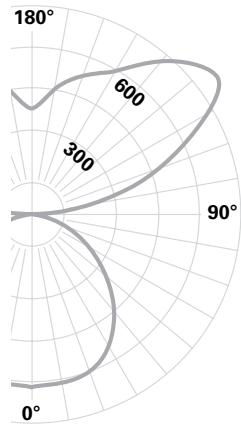
Job Information Type:

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Performance 2 Lamp

CANDLEPOWER CURVE

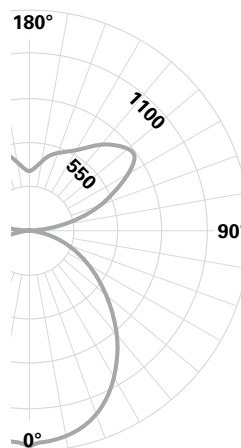


REPORT NO: C08070A
 CAT. NO: SL4WKS22UPG
 1 X 28W T5 DOWN and 1 X 28W T5 UP at 2610 Lumens
 Efficiency: 79.4%
 Indirect Maximum Candela: 808 cd
 Candela at Nadir: 609 cd

ZONE DEG	CANDLEPOWER				
	ALONG	22.5	45	67.5	ACROSS
0	609	609	609	609	609
5	604	609	612	612	603
10	595	602	610	614	605
15	580	590	601	608	601
20	558	571	586	596	592
25	530	545	566	578	572
30	497	515	537	548	541
35	459	477	500	509	501
40	416	434	456	460	453
45	370	388	405	406	398
50	322	338	352	350	343
55	274	287	297	293	286
60	226	239	245	239	232
65	181	191	194	187	181
70	138	146	146	140	135
75	99	104	103	98	96
80	65	66	64	62	60
85	34	32	30	30	30
90	0	0	0	0	0
95	15	86	93	85	80
100	35	188	225	227	219
105	61	296	351	367	360
110	89	322	469	487	482
115	119	330	591	607	594
120	149	329	621	728	720
125	180	333	612	788	808
130	209	352	589	765	802
135	237	368	556	717	759
140	263	383	517	667	701
145	286	395	502	604	640
150	307	401	490	559	581
155	325	403	480	531	548
160	340	400	464	504	518
165	352	393	443	474	485
170	362	384	416	436	442
175	367	374	386	394	395
180	371	371	371	371	371

Performance 3 Lamp

CANDLEPOWER CURVE



REPORT NO: C08072A
 CAT. NO: SL4WKS32UPG
 2 X 28W T5 DOWN and 1 X 28W T5 UP
 at 2610 Lumens
 Efficiency: 73.7%
 Indirect Maximum Candela: 801 cd
 Candela at Nadir: 1343 cd

ZONE DEG	CANDLEPOWER				
	ALONG	22.5	45	67.5	ACROSS
0	1343	1343	1343	1343	1343
5	1334	1344	1347	1343	1318
10	1310	1322	1329	1328	1303
15	1270	1285	1292	1287	1264
20	1216	1231	1237	1233	1213
25	1147	1162	1171	1165	1142
30	1067	1085	1090	1079	1054
35	976	991	996	981	957
40	877	891	894	874	852
45	773	784	784	762	739
50	666	675	674	650	631
55	561	566	563	541	525
60	458	463	459	439	425
65	362	365	360	343	332
70	272	275	269	256	248
75	192	193	188	179	174
80	119	119	115	111	108
85	56	55	52	52	52
90	0	0	0	0	0
95	15	85	92	84	79
100	35	186	223	226	217
105	60	293	348	363	357
110	88	319	465	483	478
115	118	327	586	602	589
120	148	326	616	722	713
125	178	330	607	781	801
130	207	349	584	759	795
135	235	365	552	711	752
140	260	380	512	661	695
145	283	391	498	599	634
150	304	398	486	555	576
155	322	400	475	527	543
160	337	397	460	500	513
165	349	390	439	470	480
170	359	380	412	433	439
175	364	370	383	391	392
180	368	368	368	368	368

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	76	76	76	76	62	62	62	
1	76	73	70	67	69	67	64	61	55	53	51	
2	69	64	59	55	63	58	54	51	48	45	43	
3	64	56	51	46	58	52	47	43	43	39	36	
4	58	50	44	39	53	46	41	36	38	34	31	
5	53	44	38	33	48	41	35	31	34	30	26	
6	49	40	33	29	44	36	31	27	30	26	23	
7	45	35	29	25	41	33	27	23	27	23	20	
8	41	32	26	22	38	29	24	20	24	20	17	
9	38	29	23	19	35	26	21	18	22	18	15	
10	36	26	20	17	32	24	19	15	20	16	13	

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES
 LUMINAIRE INPUT WATTS = 64.0

DISTRIBUTION

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	484	9.28	11.70
0-40	790	15.15	19.09
0-60	1354	25.94	32.69
0-90	1681	32.22	40.60
40-90	891	17.07	21.51
60-90	327	6.28	7.91
90-180	2460	47.14	59.40
0-180	4142	79.36	100.00

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	80	80	80	80	75	75	75	75	65	65	65	
1	74	71	68	65	69	66	64	61	57	56	54	
2	67	62	58	54	63	58	54	51	51	48	45	
3	62	55	50	46	58	52	47	43	45	42	39	
4	57	49	43	39	53	46	41	37	40	36	33	
5	52	43	38	33	48	41	36	32	36	32	29	
6	48	39	33	29	45	37	31	28	32	28	25	
7	44	35	29	25	41	33	28	24	29	25	22	
8	41	32	26	22	38	30	25	21	26	22	19	
9	38	29	23	19	35	27	22	18	24	20	17	
10	35	26	20	17	33	24	20	16	22	18	15	

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES
 LUMINAIRE INPUT WATTS = 97.0

DISTRIBUTION

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1022	13.06	17.72
0-40	1636	20.90	28.35
0-60	2724	34.80	47.21
0-90	3332	42.56	57.74
40-90	1696	21.66	29.39
60-90	607	7.76	10.53
90-180	2439	31.16	42.26
0-180	5772	73.72	100.00

Job Information	Type:
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