

Ordering information

SL			H							
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	H: Parabolic Louver 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: 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 86.2% efficient (55% up, 45% 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 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 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 anodized) high resistant powder-based coating.

Labels

. cCSAus listed

See page 2 for Fixture Lengths & 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 for indirect lighting (per 4' of luminaire).
- One circuit for H-Profile lower compartment controls 1 ballast and 1 or 2 T5 lamps for direct lighting (per 4' of luminaire).
- Two ballasts allow independent control of compartments (e.g. uniform ceiling lumina- nance 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: Ano metallic paint finish

Powerfeed Kit Part Number Logic

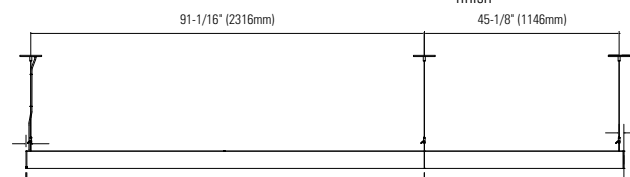
SL	H	EC				
Family	Product	Suspension Type	Aircraft Cable Length	Colour	Voltage	Wiring
SL: Spectral	H: H-Profile	EC: Powerfeed c/w end caps & canopy	24: 24" 36: 36"	WW: Textured White finish AA: Ano metallic paint finish	U: universal voltage 120-277V 3: 347V	DS: Double Circuit Ready ¹ DN: Double Circuit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

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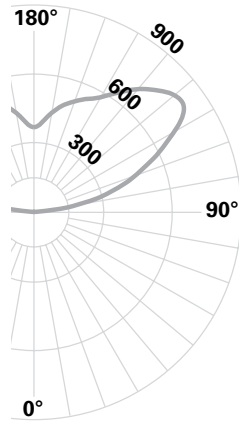
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Performance Upper Compartment

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

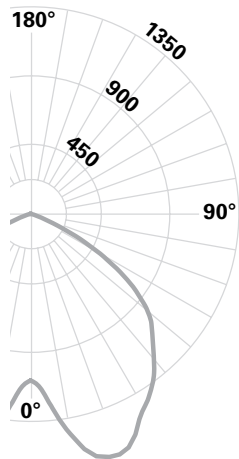
REPORT NO: C08067U
CAT. NO: SL4WCS12UPG
1 X 28W T5 UP at 2610 Lumens
Efficiency: 92.5% Indirect maximum candela: 793 cd
Indirect Peak at: 125°

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

Performance Lower compartment

CANDLEPOWER CURVE



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

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

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

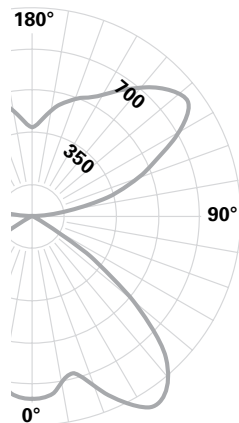
Job Information Type:

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Performance 2 Lamp

CANDLEPOWER CURVE



REPORT NO: C08068A
 CAT. NO: SL4WHS22UPG
 1 X 28W T5 DOWN and
 1 X 28W T5 UP at 2610 Lumens
 Efficiency: 86.2%
 Indirect Maximum Candela: 808 cd
 Candela at Nadir: 763 cd

ZONE DEG	CANDLEPOWER				
	ALONG	22.5	45	67.5	ACROSS
0	763	763	763	763	763
5	759	766	770	773	760
10	745	757	767	739	715
15	719	737	704	683	681
20	686	700	653	736	755
25	645	638	687	824	849
30	596	571	740	888	926
35	550	526	763	924	947
40	503	527	781	869	896
45	438	524	719	773	781
50	362	469	604	591	575
55	284	383	443	368	320
60	170	245	263	177	141
65	71	99	122	100	79
70	37	46	48	50	40
75	22	26	23	22	21
80	14	15	13	12	12
85	8	8	6	6	6
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

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	84	84	84	84	70	70	70	
1	84	81	78	75	77	75	72	69	62	61	59	
2	78	72	67	63	71	66	62	59	56	53	50	
3	71	64	58	54	65	59	54	50	50	46	43	
4	65	57	51	46	60	53	47	43	45	41	37	
5	60	50	44	39	55	47	41	37	40	36	32	
6	55	45	39	34	51	42	36	32	36	31	28	
7	51	40	34	29	47	38	32	28	32	27	24	
8	47	36	30	25	43	34	28	24	29	24	21	
9	43	33	26	22	39	30	25	21	26	21	18	
10	40	29	23	19	36	27	22	18	23	19	16	

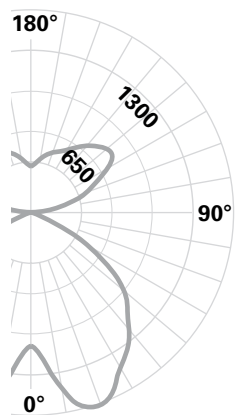
DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES
 LUMINAIRE INPUT WATTS = 64.0

DISTRIBUTION

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	609	11.68	13.54
0-40	1071	20.52	23.80
0-60	1898	36.38	42.18
0-90	2040	39.09	45.34
40-90	969	18.57	21.54
60-90	141	2.72	3.15
90-180	2460	47.14	54.66
0-180	4501	86.23	100.00

Performance 3 Lamp

CANDLEPOWER CURVE



REPORT NO: C08071A
 CAT. NO: SL4WHS32UPG
 2 X 28W T5 DOWN and
 1 X 28W T5 UP at 2610 Lumens
 Efficiency: 77.2%
 Indirect Maximum Candela: 801 cd
 Candela at Nadir: 1075 cd

ZONE DEG	CANDLEPOWER				
	ALONG	22.5	45	67.5	ACROSS
0	1075	1075	1075	1075	1075
5	1068	1107	1173	1219	1211
10	1056	1170	1334	1437	1444
15	1025	1226	1471	1618	1619
20	989	1268	1558	1656	1650
25	947	1295	1547	1604	1577
30	888	1305	1470	1456	1444
35	822	1258	1325	1343	1350
40	769	1167	1184	1218	1230
45	715	1036	1047	1067	1097
50	619	868	892	941	978
55	486	663	709	744	774
60	299	412	489	509	520
65	124	160	239	268	248
70	59	66	75	93	80
75	31	32	30	35	38
80	14	14	14	16	18
85	4	4	4	5	6
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	85	85	85	85	79	79	79	79	68	68	68	
1	78	75	73	70	73	71	68	66	62	60	59	
2	72	67	63	59	68	63	59	56	55	53	50	
3	67	60	55	51	62	56	52	48	50	47	44	
4	61	54	48	44	57	51	46	42	45	41	38	
5	56	47	42	37	52	45	40	36	40	36	33	
6	52	43	37	33	48	40	35	31	36	32	28	
7	48	38	32	28	45	36	31	27	32	28	25	
8	44	34	28	24	41	32	27	23	29	25	21	
9	40	31	25	21	38	29	24	20	26	22	19	
10	37	28	22	19	35	26	21	18	24	19	16	

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

DISTRIBUTION

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1167	14.92	19.32
0-40	1949	24.90	32.25
0-60	3333	42.57	55.13
0-90	3606	46.06	59.65
40-90	1656	21.16	27.41
60-90	273	3.49	4.52
90-180	2439	31.16	40.35
0-180	6046	77.22	100.00

Job Information	Type:
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