

## Ordering information

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

<sup>1</sup> For 8' luminaires, consult factory

## Features

- Slim 3" aperture
- Direct optic up to 73.8% efficient using T5 lamp technology (1-lamp version)
- Meets ANSI/IESNA RP-1-2004 maximum luminous intensity criteria for normal VDT use (1-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
- Precision snap-in Frosted Acrylic Lens features flat, even surface that sits flush with housing, and includes diffusion properties to eliminate lamp image

## 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

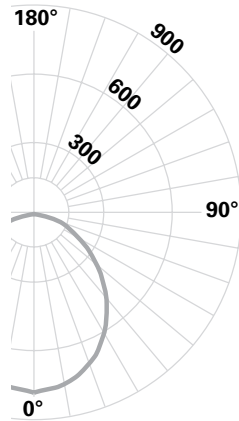
## Labels

- cCSAus listed

Job Information	Type:
<b>Job Name:</b>	
<b>Cat. No.:</b>	
<b>Lamp(s):</b>	
<b>Notes:</b>	

## Performance 1 Lamp

### CANDLEPOWER CURVE



### CANDLEPOWER

ZONE DEG	ALONG				ACROSS			
	22.5	45	67.5		22.5	45	67.5	
0	788	788	788	788	788	788	788	788
5	782	788	790	787	774	774	774	774
10	768	775	777	774	762	762	762	762
15	745	752	752	746	734	734	734	734
20	713	719	717	710	699	699	699	699
25	673	678	676	667	654	654	654	654
30	626	631	627	615	601	601	601	601
35	572	577	572	558	545	545	545	545
40	514	518	512	496	483	483	483	483
45	453	456	449	432	420	420	420	420
50	391	393	386	369	358	358	358	358
55	330	330	323	308	298	298	298	298
60	269	271	264	251	242	242	242	242
65	213	213	207	197	190	190	190	190
70	160	161	156	147	142	142	142	142
75	113	113	109	103	100	100	100	100
80	70	70	67	64	62	62	62	62
85	34	32	31	30	30	30	30	30
90	0	0	0	0	0	0	0	0

REPORT NO: C08057  
 CAT. NO: SL4GB121PG  
 1 X 28W T5 at 2610 Lumens  
 Efficiency: 73.8%  
 Candela at Nadir: 788 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	88	88	88	88	86	86	86	86	79	79	79	
1	81	78	75	73	79	76	74	71	70	69	67	
2	74	69	65	61	73	68	63	60	63	60	57	
3	69	61	56	52	67	60	55	51	56	53	50	
4	63	55	49	44	62	54	49	44	51	46	43	
5	58	49	43	38	56	48	42	38	45	41	37	
6	54	44	38	33	52	43	37	33	41	36	33	
7	49	40	34	29	48	39	33	29	37	32	29	
8	46	36	30	26	45	35	29	25	33	29	25	
9	42	32	26	22	41	32	26	22	30	25	22	
10	39	30	24	20	38	29	24	20	28	23	19	

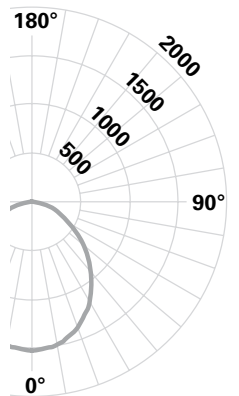
DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES  
 LUMINAIRE INPUT WATTS = 32.8

### DISTRIBUTION

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	594	22.76	30.84
0-40	947	36.29	49.18
0-60	1573	60.29	81.70
0-90	1925	73.79	100.00
40-90	978	37.50	50.82
60-90	352	13.50	18.30
90-180	0	0.00	0.00
0-180	1925	73.79	100.00

## Performance 2 Lamp

### CANDLEPOWER CURVE



### CANDLEPOWER

ZONE DEG	ALONG				ACROSS			
	22.5	45	67.5		22.5	45	67.5	
0	1528	1528	1528	1528	1528	1528	1528	1528
5	1528	1523	1521	1532	1510	1510	1510	1510
10	1509	1492	1503	1496	1487	1487	1487	1487
15	1466	1441	1451	1452	1437	1437	1437	1437
20	1398	1380	1389	1382	1366	1366	1366	1366
25	1330	1307	1300	1296	1278	1278	1278	1278
30	1238	1213	1203	1197	1178	1178	1178	1178
35	1129	1105	1098	1083	1058	1058	1058	1058
40	1006	991	976	952	941	941	941	941
45	884	864	851	826	812	812	812	812
50	757	735	721	696	690	690	690	690
55	627	622	600	577	564	564	564	564
60	510	499	480	461	453	453	453	453
65	386	392	373	354	351	351	351	351
70	291	284	277	264	256	256	256	256
75	202	192	181	172	173	173	173	173
80	116	115	105	97	95	95	95	95
85	46	48	42	41	39	39	39	39
90	0	0	0	0	0	0	0	0

REPORT NO: CB950  
 CAT. NO: SL4GB22UPG  
 2 X 28W T5 at 2610 Lumens  
 Efficiency: 69.9%  
 Candela at Nadir: 1528 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	83	83	83	83	81	81	81	81	78	78	78	
1	77	74	72	69	75	73	70	68	70	68	66	
2	71	66	62	58	69	65	61	57	62	59	56	
3	65	59	54	50	64	58	53	49	56	52	48	
4	60	53	47	43	59	52	47	42	50	46	42	
5	55	47	41	37	54	46	41	37	45	40	36	
6	51	42	36	32	50	42	36	32	40	36	32	
7	47	38	32	28	46	38	32	28	37	32	28	
8	44	34	29	25	43	34	28	25	33	28	24	
9	40	31	25	22	39	31	25	22	30	25	21	
10	37	28	23	19	37	28	23	19	27	22	19	

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES  
 LUMINAIRE INPUT WATTS = 60.5

### DISTRIBUTION

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1152	22.16	31.69
0-40	1834	35.27	50.45
0-60	3020	58.08	83.07
0-90	3635	69.92	100.00
40-90	1801	34.65	49.55
60-90	615	11.84	16.93
90-180	0	.00	.00
0-180	3635	69.92	100.00

## Job Information Type:

**Lightolier** [www.lightolier.com](http://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\_Lens.pdf**

**Canlyte** [www.canlyte.com](http://www.canlyte.com)  
 3015 Louis-Amos, Lachine, Québec H8T 1C4 • (514) 636-0670 • (514) 636-0460