

### PROJECT INFORMATION

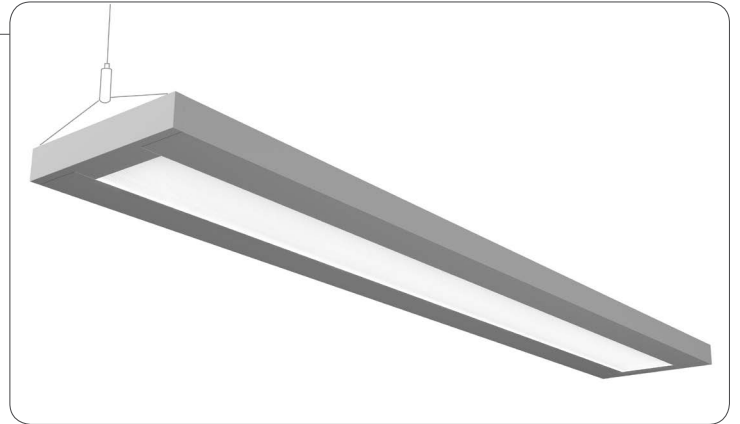
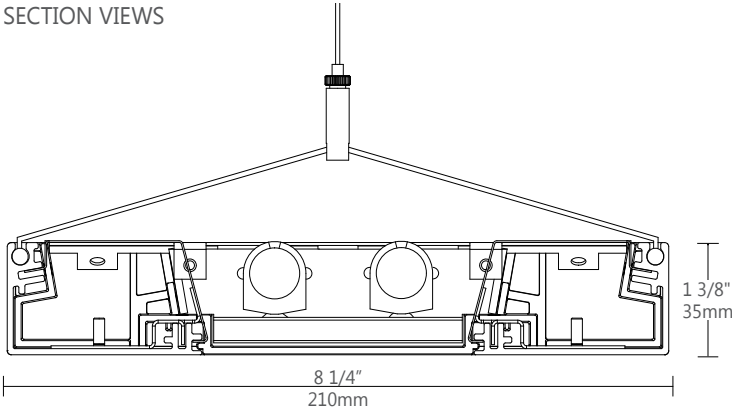
Project:

Type:

Notes:

### DIMENSIONS

SECTION VIEWS



### ORDERING CODE

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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### PRODUCT SPECIFICATIONS

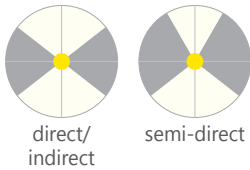
1 PRODUCT ID	2 OPTICS	3 LIGHT DISTRIBUTION	4 LENGTH/FT	5 LAMP	6 LAMP CONFIGURATION	7 FINISH
<b>SL</b> pendant	<b>VL</b> vl optic	<b>60/40</b> 60% up 40% dn <b>30/70</b> 30% up 70% dn <b>15/85</b> 15% up 85% dn <b>0/100</b> 0% up 100% dn <small>Approximate light distribution</small>	<b>4</b> 4' <b>8</b> 8' <b>S#</b> System Run	<b>T5</b> T5 <b>T5HO</b> T5HO	<b>1</b> 1 lamp <b>2</b> 2 lamps <b>3</b> 3 lamps	<b>AP</b> aluminum paint <b>W</b> white <b>BLK</b> black <b>C</b> custom

8 VOLTAGE	9 BALLAST	10 CIRCUITS	11 MOUNTING/SUSPENSION	12 BATTERY (OPTIONAL)
<b>120</b> 120V <b>277</b> 277V <b>347</b> 347V <sup>(1)</sup> <b>UNV</b> universal	<b>D</b> dimming <b>ERS</b> program start <b>BI</b> bi-level dimming	<b>1</b> 1 regular <b>2</b> 2 regular <b>2A/B</b> 2 alternating <b>+E(#)</b> emergency section <b>+NL(#)</b> night light section <b>+GTD(#)</b> generator transfer device	<b>CA(#)</b> drywall+cable length (36" std.) <b>CT9(#)</b> TB/TG 9/16+cable length (36" std.) <b>CT15(#)</b> TB/TG15/16+cable length (36" std.) <b>CTS(#)</b> ST+cable length (36" std.) <b>SA(#)</b> drywall+stem length >48" (18" std.)	<b>B#</b> battery pack 4' sections

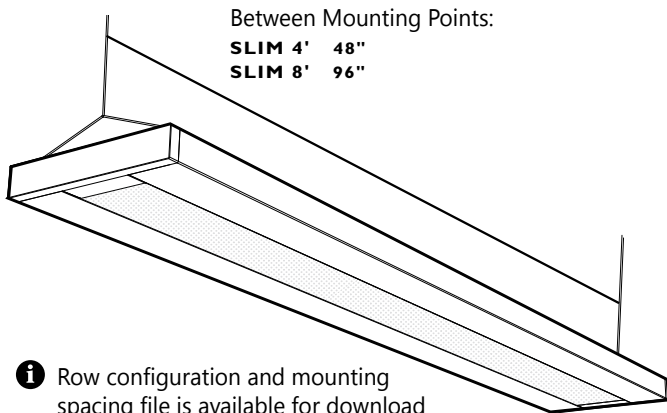
(1) Consult factory

13 OTHER (OPTIONAL)	14 IC CONTROLS (OPTIONAL)	15 CUSTOM (OPTIONAL)
<b>D</b> dust cover <b>F</b> fuse	<b>DS#</b> daylight sensor <b>OS#</b> occupancy sensor <b>DS+OS#</b> daylight+occupancy sensor <b>DOS#</b> daylight&occupancy sensor <small>See integrated controls guide for further details</small>	<b>C</b> custom <small>Please specify</small>

## ● LIGHT DISTRIBUTION



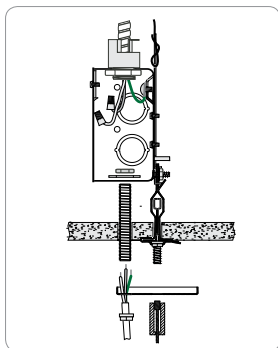
## ● SUSPENSION / MOUNTING SPACING



Between Mounting Points:  
**SLIM 4' 48"**  
**SLIM 8' 96"**

**i** Row configuration and mounting spacing file is available for download at: [www.axislighting.com](http://www.axislighting.com)

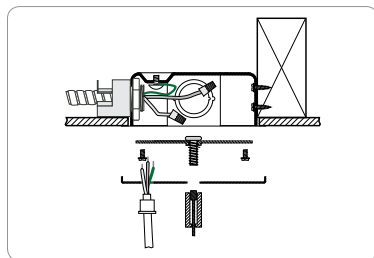
## ● MOUNTING OPTIONS



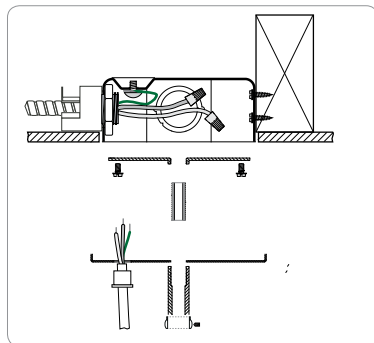
**CT TILE CEILING - ON GRID**

Mounting options are also available for slope ceiling and seismic bracing.

**i** Installation sheets for all mounting options are available at: [www.axislighting.com](http://www.axislighting.com)



**CA DRYWALL CEILING**



**SA STEM MOUNT IN DRYWALL CEILING**

## ● SYSTEMS (S#)

Runs of SLIM that are greater than 8ft in length are designated as systems (S#). This means that the run is comprised of a combination 4ft and/or 8ft sections to be assembled on site using our joining system. For more information on systems and joining, please refer to the SLIM installation sheets available for download at [www.axislighting.com](http://www.axislighting.com)

## ● OTHER MOUNTING OPTIONS

SLIM is also available with a wall mounted option.

**i** Specification sheets for wall mounted SLIM luminaires are available for download at [www.axislighting.com](http://www.axislighting.com)

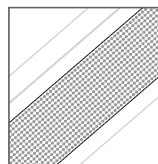
## ● CONSTRUCTION

Housing	Extruded aluminium (0.075" nominal)
End Cap	Die cast zinc (0.10" nominal)
Joiners	Die cast zinc (0.10" nominal)
Interior Brackets	Die formed cold rolled sheet steel (18 gauge)
Reflectors	Die formed specular aluminum (0.020" nominal)
<b>VL<sup>opti</sup></b>	PMMA Precision formed microconical structure (VL Optic) 92 percent transmission that cuts off glare above 55 degrees.

## ● WEIGHT

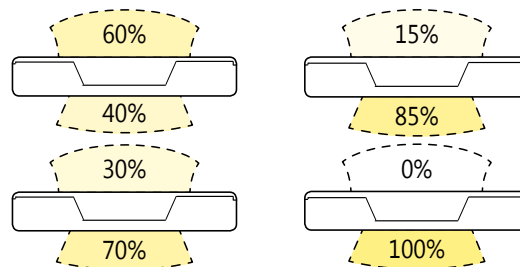
<b>SLIM 4 ft</b>	10 lbs / 4.5 kg
<b>SLIM 8 ft</b>	20 lbs / 9.1 kg

## ● OPTICS



VL vl optic

## ● LIGHT DISTRIBUTION OPTIONS




## ● FINISH

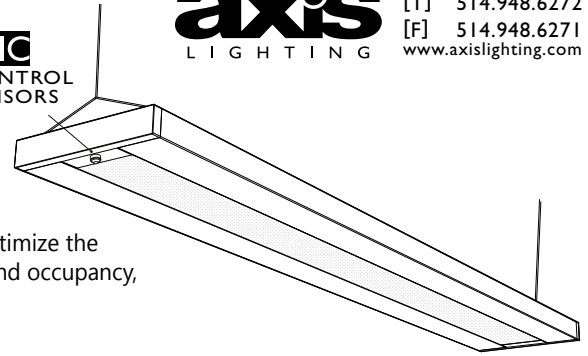
Aluminium paint, Powder Coated and custom finishes are also available.

## ● ELECTRICAL

<b>Ballast</b>	Electronic IS, Electronic Rapid Start, Dimming (0-10V, Line, EcoSystem, DALI), BI-level dimming With preinstalled ballast disconnect as per NEC & CEC
<b>Emergency</b>	Emergency battery pack or emergency circuit
<b>Voltage</b>	120V, 277V, 347V, UNV

## ● APPROVALS

Certified to UL and CUL standards   
 Suitable for damp locations.



## ● INTEGRATED CONTROL OPTIONS

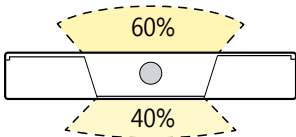
SLIM luminaires allow the use of integrated controls such as daylight sensors (DS), occupancy sensors (OS), individual daylight sensors and occupancy sensors (DS+OS), and combination daylight/occupancy sensors (DOS). These options can be seamlessly integrated into our luminaires. The control system could be used to optimize the lighting of the space by reducing energy consumption through daylight harvesting and occupancy, thereby improving the overall interior environment and allowing for LEED credits.

- Consult factory for other options.
- Refer to IC brochure for more information.

SENSORS	BRAND	Model	TYPE	CODE	COMPATIBLE DIMMING BALLAST
Daylight Sensor (DS)	Lutron	EC-DIR-WH	Daylight	LD	EcoSystem
	Wattstopper	FD-301	Daylight	WD	0-10V
	Philips	Luxsense	Daylight	PL	0-10V
Occupancy Sensor (OS)	Wattstopper	FS-205	PIR Occupancy	WP1	Programmed Rapid Start
		FS-355	PIR Occupancy	WP2	Programmed Rapid Start
		FS-155	PIR Occupancy	WP3	Programmed Rapid Start
		FS-505	Ultrasonic Occupancy	WU1	Programmed Rapid Start
		FS-505C	Ultrasonic Occupancy	WU2	Programmed Rapid Start
		FM-105	High Frequency Occupancy	WH	Programmed Rapid Start
Daylight & Occupancy Sensors (DOS)	Philips	Actilume	Daylight & PIR Occupancy	PA	DALI or 0-10V

## ● PHOTOMETRIC DATA

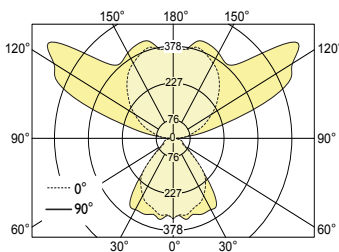
### I T5



with **VL<sup>optc</sup>**

LIGHT DISTRIBUTION:  
**60% up 40% down**

### PHOTOMETRIC CURVE



**Test Lamp: 1x F28T5**  
 IES FILE: SL-VL-60\_40-4-T5-1.ies

**Efficiency: 93.5%**

### CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	329	329	329	329	329	
5	315	326	338	323	318	18
15	308	317	321	319	324	76
25	289	298	313	327	337	132
35	249	269	303	333	336	178
45	185	198	198	187	182	167
55	77	81	79	81	83	88
65	45	53	50	47	50	51
75	40	41	46	37	33	45
85	12	12	16	16	15	22
90	6	5	5	7	7	
95	46	60	50	45	42	30
105	100	213	309	268	251	203
115	167	223	461	544	578	377
125	233	264	376	603	680	392
135	291	317	347	396	445	299
145	342	360	388	395	391	246
155	369	385	407	418	415	200
165	387	386	400	407	412	132
175	370	357	368	374	359	54
180	382	382	382	382	382	

### COEFFICIENTS OF UTILIZATION (%)

Ceiling	80				70				50			
	70	50	30	10	70	50	30	10	50	30	10	
Wall	70	50	30	10	70	50	30	10	50	30	10	
0	96	96	96	96	86	86	86	86	67	67	67	
1	87	84	80	77	78	75	72	70	59	57	55	
2	80	73	68	63	71	66	61	58	52	49	46	
3	73	65	58	53	65	58	53	48	46	42	39	
4	67	57	50	45	60	52	46	41	41	37	34	
5	61	51	44	39	55	46	40	36	37	33	29	
6	57	46	39	34	51	42	35	31	33	29	25	
7	52	41	34	29	47	37	31	27	30	26	22	
8	48	37	31	26	43	34	28	24	27	23	20	
9	45	34	27	23	40	31	25	21	25	21	18	
10	42	31	25	20	38	28	23	19	23	19	16	

Based on floor reflectance of 20

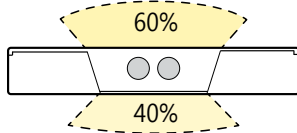
### LUMINANCE DATA (CD/M<sup>2</sup>)

Vertical Angle	Horizontal Angles		
	0	45	90
45	998	962	866
55	507	451	455
65	393	357	338
75	541	456	305
85	405	280	232

**i** All IES files are available for download at: [www.axislighting.com](http://www.axislighting.com)

**PHOTOMETRIC DATA**

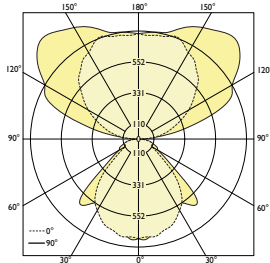
**2 T5**



with **VL optic™**

**LIGHT DISTRIBUTION:**  
**60% up 40% down**

**PHOTOMETRIC CURVE**



**Test Lamp: 2xF28T5**  
 IES FILE: SL-VL-60\_40-4-T5-2.ies

**Efficiency: 90.0%**

**CANDELA DISTRIBUTION**

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	713	713	713	713	713	
5	703	738	713	725	717	39
15	681	685	670	670	651	162
25	634	616	596	577	577	258
35	544	517	513	543	559	320
45	365	406	485	548	576	371
55	160	177	206	223	233	219
65	104	123	113	117	150	126
75	95	90	86	83	98	102
85	31	31	36	35	31	53
90	14	13	14	15	13	
95	93	109	104	98	92	63
105	223	341	429	432	424	333
115	347	500	620	703	737	554
125	476	594	789	856	869	638
135	607	661	832	953	994	642
145	694	727	835	925	951	550
155	756	766	812	874	888	416
165	759	774	785	799	790	262
175	744	750	773	756	765	109
180	752	752	752	752	752	

**COEFFICIENTS OF UTILIZATION (%)**

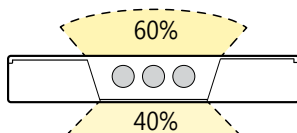
Ceiling	80				70				50			
	70	50	30	10	70	50	30	10	50	30	10	
Wall												
0	93	93	93	93	84	84	84	84	66	66	66	
1	85	81	78	75	76	73	70	68	58	56	55	
2	78	71	66	62	70	64	60	56	51	48	46	
3	71	63	56	51	64	57	51	47	45	42	39	
4	65	56	49	44	58	50	45	40	40	36	33	
5	60	50	43	37	53	45	39	34	36	32	29	
6	55	44	37	32	49	40	34	30	33	28	25	
7	51	40	33	28	46	36	30	26	30	25	22	
8	47	36	30	25	42	33	27	23	27	23	19	
9	44	33	26	22	39	30	24	20	25	20	17	
10	41	30	24	20	37	28	22	18	23	18	15	

Based on floor reflectance of 20

**LUMINANCE DATA (CD/M<sup>2</sup>)**

Vertical Angle	Horizontal Angles		
	0	45	90
45	1964	2361	2732
55	1052	1175	1287
65	910	810	1021
75	1303	861	911
85	1032	622	480

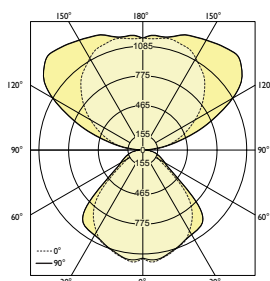
**3 T5**



with **VL optic™**

**LIGHT DISTRIBUTION:**  
**60% up 40% down**

**PHOTOMETRIC CURVE**



**Test Lamp: 3xF28T5**  
 IES FILE: SL-VL-60\_40-4-T5-3.ies

**Efficiency: 90.0%**

**CANDELA DISTRIBUTION**

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	1175	1175	1175	1175	1175	
5	1198	1186	1196	1181	1184	64
15	1146	1152	1143	1142	1136	274
25	1053	1059	1052	1057	1057	451
35	917	920	956	1000	1024	579
45	669	705	773	807	824	613
55	289	304	324	331	345	350
65	170	200	189	182	216	199
75	152	150	150	132	139	165
85	49	50	60	57	54	85
90	20	18	22	26	24	
95	142	119	108	98	93	73
105	343	485	504	471	461	398
115	544	702	897	924	925	739
125	728	855	1098	1230	1265	923
135	928	993	1148	1325	1395	916
145	1070	1112	1214	1283	1313	792
155	1172	1196	1242	1291	1296	623
165	1212	1217	1219	1251	1237	406
175	1187	1190	1199	1173	1196	172
180	1148	1148	1148	1148	1148	

**COEFFICIENTS OF UTILIZATION (%)**

Ceiling	80				70				50			
	70	50	30	10	70	50	30	10	50	30	10	
Wall												
0	94	94	94	94	85	85	85	85	68	68	68	
1	86	82	78	75	77	74	71	69	60	58	56	
2	78	72	67	62	71	65	61	57	53	50	47	
3	72	63	57	52	65	58	52	48	47	43	40	
4	66	56	50	44	59	51	46	41	42	38	34	
5	60	50	43	38	54	46	40	35	38	33	30	
6	56	45	38	33	50	41	35	31	34	29	26	
7	51	41	34	29	46	37	31	27	31	26	23	
8	48	37	30	26	43	34	28	24	28	24	20	
9	44	34	27	23	40	31	25	21	26	21	18	
10	41	31	24	20	37	28	23	19	24	19	16	

Based on floor reflectance of 20

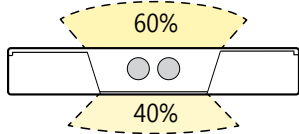
**LUMINANCE DATA (CD/M<sup>2</sup>)**

Vertical Angle	Horizontal Angles		
	0	45	90
45	3599	3759	3912
55	1894	1849	1903
65	1482	1348	1473
75	2072	1496	1293
85	1650	1052	834

**i** All IES files are available for download at: [www.axislighting.com](http://www.axislighting.com)

**PHOTOMETRIC DATA**

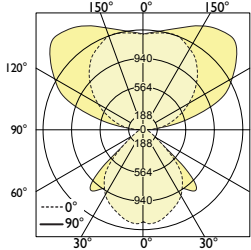
**2 T5HO**



with **VL optic™**

**LIGHT DISTRIBUTION:**  
**60% up 40% down**

**PHOTOMETRIC CURVE**



**Test Lamp: 2x F54T5HO**  
 IES FILE: SL-VL-60\_40-4-T5HO-2.ies

**Efficiency: 90.2%**

**CANDELA DISTRIBUTION**

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	1219	1219	1219	1219	1219	
5	1252	1236	1248	1228	1232	66
15	1182	1188	1195	1162	1134	284
25	1086	1090	1041	1004	1005	452
35	952	903	889	933	953	556
45	658	707	826	934	984	640
55	283	309	353	382	398	379
65	183	211	197	206	257	217
75	162	155	150	144	160	175
85	54	53	62	60	57	93
90	25	25	27	27	22	
95	163	187	184	178	172	112
105	377	596	760	769	754	587
115	594	844	1085	1237	1297	967
125	824	1011	1334	1476	1512	1099
135	1035	1145	1418	1619	1692	1097
145	1194	1242	1414	1580	1632	936
155	1303	1325	1395	1474	1537	714
165	1326	1340	1351	1358	1378	451
175	1292	1316	1294	1318	1310	188
180	1263	1263	1263	1263	1263	

**COEFFICIENTS OF UTILIZATION (%)**

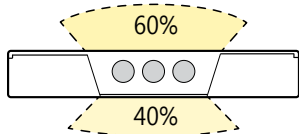
Ceiling	80				70				50			
	70	50	30	10	70	50	30	10	50	30	10	
Wall	70	50	30	10	70	50	30	10	50	30	10	
0	93	93	93	93	84	84	84	84	66	66	66	
1	85	81	78	75	76	73	70	68	58	56	55	
2	78	71	66	62	70	64	60	56	51	48	46	
3	71	63	57	52	64	57	52	47	46	42	39	
4	65	56	49	44	58	50	45	40	41	36	33	
5	60	50	43	38	54	45	39	35	36	32	29	
6	55	45	38	33	49	40	34	30	33	28	25	
7	51	40	33	28	46	37	30	26	30	25	22	
8	47	36	30	25	42	33	27	23	27	23	19	
9	44	33	27	22	39	30	24	21	25	20	17	
10	41	30	24	20	37	28	22	18	23	18	16	

Based on floor reflectance of 20

**LUMINANCE DATA (CD/M<sup>2</sup>)**

Vertical Angle	Horizontal Angles		
	0	45	90
45	3541	4020	4668
55	1855	2012	2193
65	1593	1407	1752
75	2207	1494	1494
85	1843	1073	882

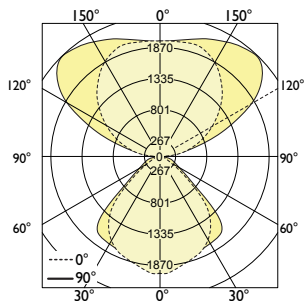
**3 T5HO**



with **VL optic™**

**LIGHT DISTRIBUTION:**  
**60% up 40% down**

**PHOTOMETRIC CURVE**



**Test Lamp: 3x F54T5HO**  
 IES FILE: SL-VL-60\_40-4-T5HO-3.ies

**Efficiency: 89.9%**

**CANDELA DISTRIBUTION**

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	2057	2057	2057	2057	2057	
5	1969	2045	2051	2072	2004	110
15	1983	1963	1969	1969	1985	474
25	1792	1849	1803	1785	1818	775
35	1576	1593	1648	1725	1752	995
45	1156	1219	1325	1388	1440	1057
55	489	519	561	574	596	602
65	302	342	324	321	376	345
75	266	259	260	232	238	286
85	83	82	102	98	91	146
90	33	31	39	42	40	
95	245	203	180	170	164	124
105	597	821	838	792	767	671
115	940	1223	1537	1564	1535	1257
125	1275	1488	1909	2127	2173	1592
135	1602	1723	2010	2295	2404	1589
145	1864	1906	2097	2242	2308	1377
155	2017	2046	2161	2234	2259	1078
165	2071	2103	2084	2132	2165	700
175	2081	2032	2054	2082	2093	298
180	1986	1986	1986	1986	1986	

**COEFFICIENTS OF UTILIZATION (%)**

Ceiling	80				70				50			
	94	94	94	94	85	85	85	85	68	68	68	
Wall	94	94	94	94	85	85	85	85	68	68	68	
0	86	82	78	75	77	74	71	69	60	58	56	
1	78	72	67	62	71	65	61	57	53	50	47	
2	71	63	57	52	64	58	52	48	47	43	40	
3	66	56	50	44	59	51	45	41	42	38	34	
4	60	50	43	38	54	46	40	35	38	33	30	
5	55	45	38	33	50	41	35	31	34	29	26	
6	51	41	34	29	46	37	31	27	31	26	23	
7	48	37	30	26	43	34	28	24	28	23	20	
8	44	34	27	23	40	31	25	21	26	21	18	
9	41	31	24	20	37	28	23	19	24	19	16	
10	41	30	24	20	37	28	22	18	23	19	16	

Based on floor reflectance of 20

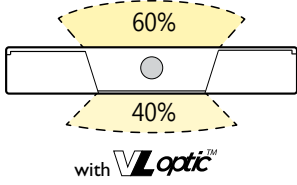
**LUMINANCE DATA (CD/M<sup>2</sup>)**

Vertical Angle	Horizontal Angles		
	0	45	90
45	6218	6442	6831
55	3205	3196	3287
65	2639	2312	2568
75	3628	2594	2222
85	2814	1775	1400

**i** All IES files are available for download at: [www.axislighting.com](http://www.axislighting.com)

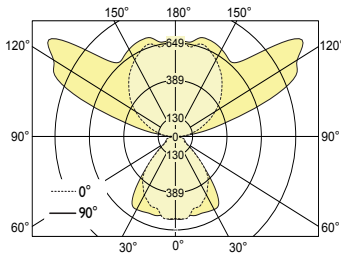
## PHOTOMETRIC DATA

### I T5HO



LIGHT DISTRIBUTION:  
**60% up 40% down**

### PHOTOMETRIC CURVE



**Test Lamp: 1x F54T5HO**  
 IES FILE: SL-VL-60\_40-4-T5HO-1.ies  
**Efficiency: 93.3%**

### CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	570	570	570	570	570	
5	574	551	577	572	576	31
15	521	544	549	564	569	131
25	495	511	537	561	577	227
35	425	462	524	562	571	306
45	312	337	343	321	316	287
55	134	137	138	139	140	152
65	74	90	89	78	82	87
75	68	71	80	63	53	77
85	21	20	28	27	26	38
90	11	9	10	12	12	
95	81	103	87	74	71	52
105	176	367	534	461	430	349
115	290	388	798	934	1005	651
125	404	451	646	1038	1168	674
135	498	546	596	680	763	516
145	580	622	668	671	679	422
155	641	660	706	722	713	344
165	663	674	686	700	709	227
175	655	624	624	646	662	93
180	618	618	618	618	618	

### COEFFICIENTS OF UTILIZATION (%)

Ceiling	80			70			50				
	70	50	30	10	70	50	30	10	50	30	10
Wall	0	1	2	3	4	5	6	7	8	9	10
0	95	95	95	95	85	85	85	85	67	67	67
1	87	83	80	77	78	75	72	69	59	57	55
2	80	73	68	63	71	66	61	57	52	49	46
3	73	65	58	53	65	58	53	48	46	42	39
4	67	57	50	45	60	52	46	41	41	37	34
5	61	51	44	39	55	46	40	35	37	32	29
6	56	46	39	34	50	41	35	31	33	29	25
7	52	41	34	29	47	37	31	27	30	26	22
8	48	37	31	26	43	34	28	24	27	23	20
9	45	34	27	23	40	31	25	21	25	21	18
10	42	31	25	20	38	28	23	19	23	19	16

Based on floor reflectance of 20

### LUMINANCE DATA (CD/M<sup>2</sup>)

Vertical Angle	Horizontal Angles		
	0	45	90
45	1679	1667	1499
55	880	785	774
65	648	633	560
75	934	795	491
85	726	486	398

**i** All IES files are available for download at: [www.axislighting.com](http://www.axislighting.com)