

● PROJECT INFORMATION

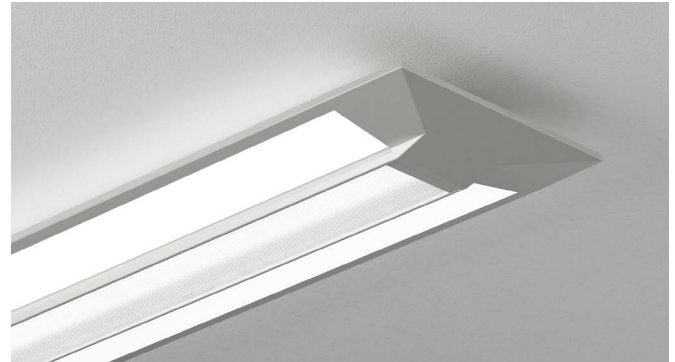
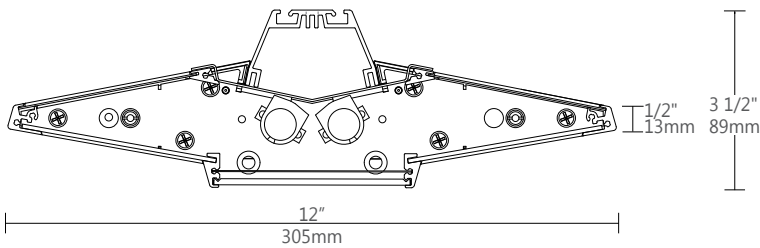
Project:

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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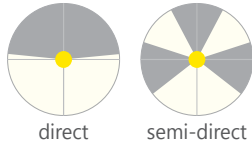
● PRODUCT SPECIFICATIONS

1 PRODUCT ID	2 OPTICS	3 LIGHT DISTRIBUTION	4 LENGTH/FT	5 LAMP	6 LAMP CONFIGURATION
SOLS surface	VL vl optic	20/80 20% up 80% dn 0/100 0% up 100% dn	4 4' 8 8' 12 12' S# System Run	T5 T5 T5HO T5HO T8 T8	1 1 lamp 2 2 lamps 3 3 lamps ⁽¹⁾
Approximate light distribution				(1) Not available for T8	

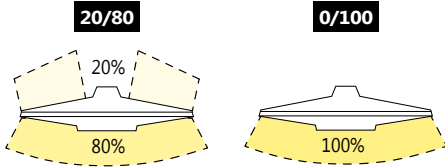
7 FINISH	8 VOLTAGE	9 BALLAST	10 CIRCUITS	11 MOUNTING/SUSPENSION
AP aluminum paint W white BLK black C custom	120 120V 277 277V 347 347V ⁽²⁾ UNV universal	D dimming E instant start ⁽³⁾ ERS program start BI bi-level dimming	1 1 regular 2 2 regular +E(#) emergency section ⁽⁴⁾ +NL(#) night light section ⁽⁴⁾ +GTD(#) generator transfer device ⁽⁴⁾	S surface drywall ceiling SB surface t-bar ceiling SC surface soild ceiling
(2) Consult factory		(3) Available with T8 lamp only	(4)Specify quantity	

12 BATTERY (OPTIONAL)	13 OTHER (OPTIONAL)	14 IC CONTROLS	15 CUSTOM (OPTIONAL)
B# battery pack 4' sections	F fuse FW# flex whip (6' std)	DS# daylight sensor OS# occupancy sensor DS+OS# daylight+occupancy sensor DOS# daylight&occupancy sensor	C custom
Requires 120V or 277V Please consult factory	Requires 120V or 277V Please consult factory, specify quantity.	See integrated controls guide for further details. Requires 8" blank. Specify quantity.	Please specify

● LIGHT DISTRIBUTION



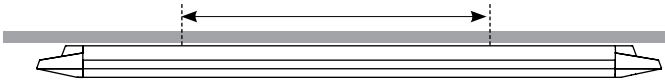
● LIGHT DISTRIBUTION OPTIONS



● SUSPENSION / MOUNTING SPACING

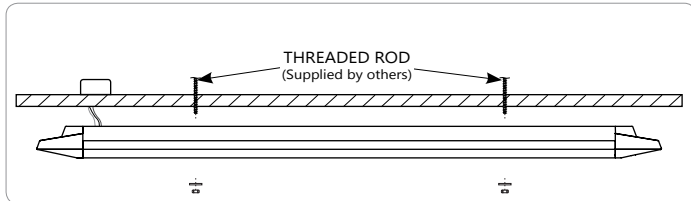
Between Mounting Points:

- 4' (T5/T5HO- 44") (T8- 46")
- 8' (T5/T5HO- 92") (T8- 96")
- 12' (T5/T5HO/T8- 96")

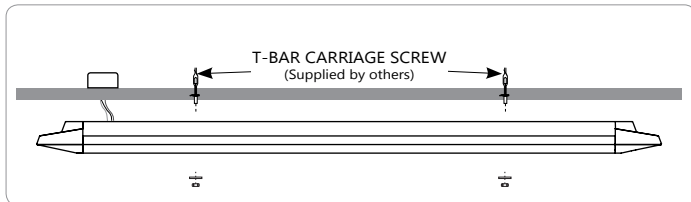


i Row configuration and mounting spacing file is available for download at: www.axislighting.com

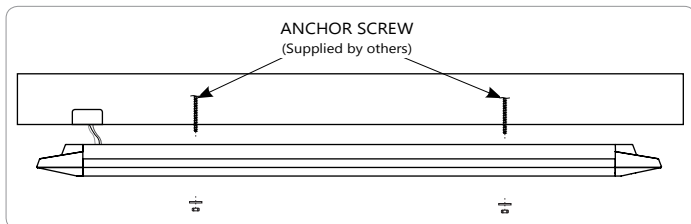
● MOUNTING OPTIONS



S SURFACE MOUNT DRYWALL CEILING



SB SURFACE MOUNT ON GRID T-BAR CEILING



SC SURFACE MOUNT SOLID CEILING

i Installation sheets for all mounting options are available at: www.axislighting.com

● SYSTEMS (S#)

Runs of SOLEIL that are greater than 12ft in length are designated as systems (S#). This means that the run is comprised of a combination 8ft and/or 12ft sections to be assembled on site using our joining system. For more information on systems and joining, please refer to the SOLEIL installation sheets available for download at www.axislighting.com

● OTHER MOUNTING OPTIONS

SOLEIL is also available with pendant and wall mounted options.

i Specification sheets for pendant and wall mounted SOLEIL luminaires are available for download at www.axislighting.com

● CONSTRUCTION

- End Cap** Die cast zinc (0.100" nominal)
- Housing** Extruded aluminum (0.075" nominal)
- Louvers** Die formed semi-specular aluminum (22 ga)
- Perforation / Slotted / Blank** Cold rolled metal sheet (20 ga) with powder painted, custom color available
- Baffles** Die formed aluminum (22 ga) powder painted white
- VL^{opti}** Acrylic 92% transmissive lens
- Frosted lens** Acrylic 85% transmissive lens
- Interior Brackets** Die formed sheet steel (12 ga)

● ELECTRICAL

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

i Incorporating these components may have limitations or effect the length of the luminaire, please contact factory for more details.


● WEIGHT

- 4 ft** 18.2 lbs / 8.3 kg
- 8 ft** 36.4 lbs / 16.6 kg
- 12 ft** 54.6 lbs / 24.9 kg

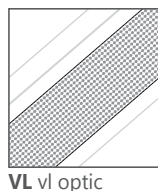
● FINISH

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

● APPROVALS

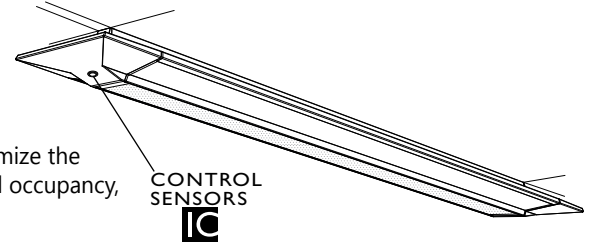
Certified to UL and CUL standards  Suitable for damp locations.

● OPTICS



● **INTEGRATED CONTROL OPTIONS**

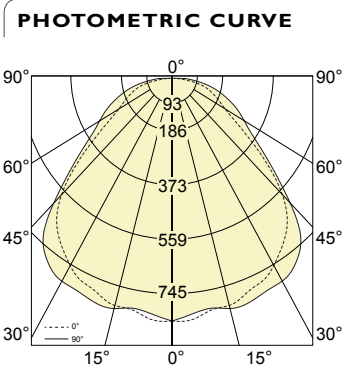
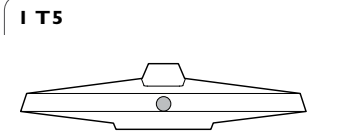
SOLEIL luminaires allow the use of integrated controls such as daylight sensors (DS), occupancy sensors (OS), individual daylight sensors and occupancy sensors (DS+OS), and combination daylight/occupancy sensors (DOS). These options can be seamlessly integrated into our luminaires. The control system 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
		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**



Test Lamp: 1xF28T5
 IES FILE: SOL-VL-0-100-4-T5-1

Efficiency: 76.4%

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	832	832	832	832	832	
5	804	798	799	812	800	44
15	774	781	782	810	810	191
25	717	732	756	778	787	328
35	614	639	664	666	682	432
45	388	388	406	412	423	440
55	211	224	250	267	284	307
65	147	161	180	193	201	222
75	77	77	102	111	117	165
85	32	34	55	68	72	81
90	7	11	27	37	40	

COEFFICIENTS OF UTILIZATION (%)

Ceiling	80			70			50				
	80	70	50	80	70	50	80	70	50		
Wall	70	50	30	10	70	50	30	10	50	30	10
0	91	91	91	91	89	89	89	89	85	85	85
1	84	80	77	72	81	78	75	71	75	73	69
2	76	70	65	59	74	69	64	58	66	62	57
3	70	62	56	49	68	61	55	49	59	54	48
4	64	55	49	42	63	54	48	42	52	47	41
5	59	50	43	36	58	49	43	36	47	42	36
6	55	45	38	32	53	44	38	32	43	37	31
7	51	41	34	28	50	40	34	28	39	34	28
8	48	37	31	25	46	37	31	25	36	30	25
9	45	34	28	22	43	34	28	22	33	28	22
10	42	32	26	20	41	31	26	20	31	25	20

Based on floor reflectance of 20

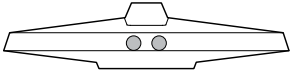
LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	1629	1439	1411
55	1048	945	973
65	868	768	838
75	882	677	698
85	500	383	445

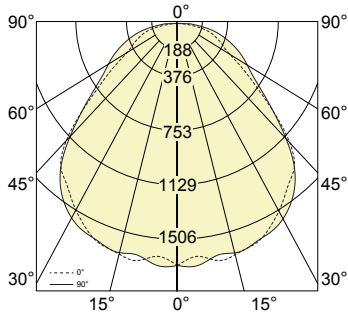
i All IES files for other lamping are available for download at: www.axislighting.com

● PHOTOMETRIC DATA

2 T5



PHOTOMETRIC CURVE



Test Lamp: 2xF28T5
 IES FILE: SOL-VL-0-100-4-T5-2

Efficiency: 74.2%

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	1664	1664	1664	1664	1664	
5	1656	1627	1634	1646	1615	89
15	1601	1569	1585	1590	1594	386
25	1434	1472	1500	1497	1501	655
35	1251	1256	1238	1240	1238	842
45	754	746	770	787	789	832
55	404	432	474	515	546	588
65	283	300	349	376	389	426
75	144	149	193	210	223	318
85	61	62	108	128	129	153
90	14	23	50	67	76	

LUMINANCE DATA (CD/M²)

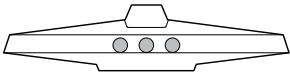
Vertical Angle	Horizontal Angles		
	0	45	90
45	3267	2713	2605
55	2099	1793	1847
65	1660	1479	1611
75	1688	1304	1344
85	952	750	798

COEFFICIENTS OF UTILIZATION (%)

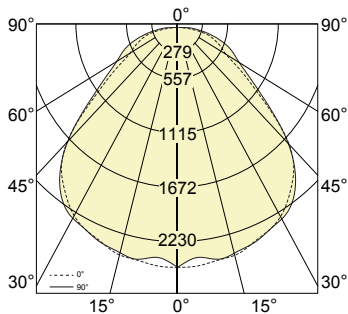
Ceiling	80			70			50				
	70	50	30	10	70	50	30	10	50	30	10
Wall	70	50	30	10	70	50	30	10	50	30	10
0	88	88	88	88	86	86	86	86	83	83	83
1	81	78	74	70	79	76	73	69	73	70	67
2	74	68	63	57	72	67	62	57	64	60	56
3	68	60	55	48	66	59	54	48	57	52	47
4	62	54	48	41	61	53	47	41	51	46	40
5	58	48	42	35	56	48	42	35	46	41	35
6	53	44	37	31	52	43	37	31	42	36	31
7	50	40	34	27	48	39	33	27	38	33	27
8	46	37	30	25	45	36	30	25	35	30	24
9	43	34	28	22	42	33	28	22	32	27	22
10	41	31	25	20	40	31	25	20	30	25	20

Based on floor reflectance of 20

3 T5



PHOTOMETRIC CURVE



Test Lamp: 3xF28T5
 IES FILE: SOL-VL-0-100-4-T5-3

Efficiency: 72.4%

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	2441	2441	2441	2441	2441	
5	2435	2456	2432	2349	2432	131
15	2384	2371	2337	2360	2364	561
25	2255	2246	2240	2254	2254	954
35	2009	2008	2039	2072	2041	1232
45	1547	1545	1532	1539	1538	1246
55	813	816	865	905	937	868
65	497	544	609	630	676	619
75	342	337	395	412	439	457
85	90	94	144	181	178	216
90	17	32	68	97	106	

LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	4884	4099	3985
55	3083	2624	2727
65	2451	2208	2321
75	2528	1854	1911
85	1406	997	1105

COEFFICIENTS OF UTILIZATION (%)

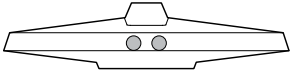
Ceiling	80			70			50				
	70	50	30	10	70	50	30	10	50	30	10
Wall	70	50	30	10	70	50	30	10	50	30	10
0	87	87	87	87	85	85	85	85	81	81	81
1	79	76	73	69	77	74	72	68	71	69	66
2	73	67	62	56	71	65	61	56	63	59	55
3	67	59	53	47	65	58	53	47	56	51	46
4	61	53	47	40	60	52	46	40	50	45	39
5	57	47	41	35	55	47	41	35	45	40	34
6	52	43	37	30	51	42	36	30	41	36	30
7	49	39	33	27	47	39	33	27	37	32	27
8	45	36	30	24	44	35	30	24	34	29	24
9	42	33	27	22	41	32	27	22	32	27	22
10	40	30	25	20	39	30	25	20	29	24	20

Based on floor reflectance of 20

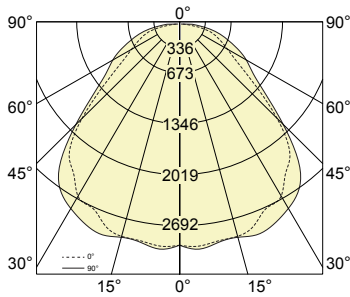
i All IES files for other lamping are available for download at: www.axislighting.com

● PHOTOMETRIC DATA

2 T5HO



PHOTOMETRIC CURVE



Test Lamp: 2xF54T5HO
 IES FILE: SOL-VL-0-100-4-T5HO-2

Efficiency: 74.9%

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	2915	2915	2915	2915	2915	
5	3028	2852	2815	2803	2833	153
15	2852	2754	2732	2748	2799	658
25	2582	2579	2662	2682	2685	1121
35	2325	2361	2435	2496	2478	1462
45	1767	1823	1912	1944	1985	1522
55	943	969	1042	1098	1120	1045
65	591	649	681	720	786	727
75	404	407	447	468	497	531
85	108	110	172	209	210	254
90	21	43	79	109	116	

LUMINANCE DATA (CD/M²)

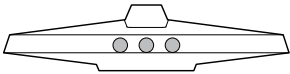
Vertical Angle	Horizontal Angles		
	0	45	90
45	5576	5116	5144
55	3575	3161	3258
65	2914	2472	2700
75	2986	2097	2164
85	1688	1192	1298

COEFFICIENTS OF UTILIZATION (%)

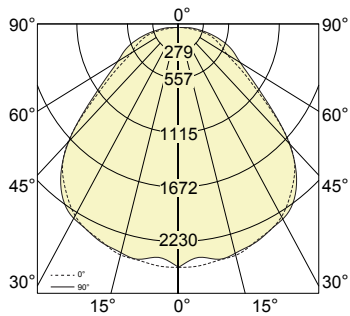
Ceiling	80			70			50				
	70	50	30	10	70	50	30	10	50	30	10
Wall	70	50	30	10	70	50	30	10	50	30	10
0	90	90	90	90	87	87	87	87	84	84	84
1	82	79	75	71	80	77	74	70	74	71	68
2	75	69	64	58	73	68	63	58	65	61	56
3	69	61	55	49	67	60	55	48	58	53	48
4	63	55	48	41	62	54	48	41	52	47	41
5	58	49	43	36	57	48	42	36	47	41	35
6	54	44	38	31	53	44	38	31	42	37	31
7	50	40	34	28	49	40	34	28	39	33	28
8	47	37	31	25	46	36	30	25	35	30	25
9	44	34	28	22	43	34	28	22	33	27	22
10	41	31	26	20	40	31	25	20	30	25	20

Based on floor reflectance of 20

3 T5HO



PHOTOMETRIC CURVE



Test Lamp: 3xF54T5HO
 IES FILE: SOL-VL-0-100-4-T5HO-3

Efficiency: 72.3%

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	4154	4154	4154	4154	4154	
5	4109	4070	4282	4157	4146	225
15	4064	4000	4089	4086	4057	969
25	3865	3799	3915	3888	3854	1643
35	3443	3484	3524	3518	3527	2117
45	2648	2650	2658	2636	2671	2153
55	1389	1411	1495	1554	1602	1491
65	849	948	1022	1077	1159	1069
75	582	584	672	713	739	783
85	150	164	252	312	309	374
90	29	56	123	166	174	

LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	8357	7111	6920
55	5265	4534	4661
65	4188	3708	3980
75	4297	3154	3217
85	2345	1746	1913

COEFFICIENTS OF UTILIZATION (%)

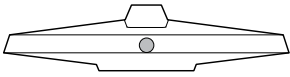
Ceiling	80			70			50				
	70	50	30	10	70	50	30	10	50	30	10
Wall	70	50	30	10	70	50	30	10	50	30	10
0	86	86	86	86	84	84	84	84	81	81	81
1	79	76	73	69	77	74	71	68	71	69	66
2	72	67	62	56	71	65	61	56	63	59	54
3	66	59	53	47	65	58	53	47	56	51	46
4	61	53	47	40	59	52	46	40	50	45	39
5	56	47	41	35	55	47	41	34	45	40	34
6	52	43	37	30	51	42	36	30	41	36	30
7	49	39	33	27	47	38	33	27	37	32	27
8	45	36	30	24	44	35	30	24	34	29	24
9	42	33	27	22	41	32	27	22	32	27	22
10	40	30	25	20	39	30	25	20	29	24	20

Based on floor reflectance of 20

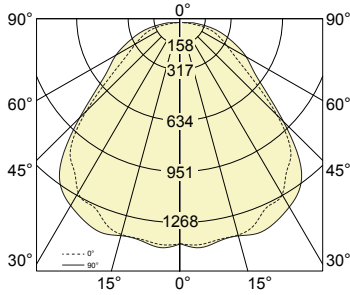
i All IES files for other lamping are available for download at: www.axislighting.com

● PHOTOMETRIC DATA

1 T5HO



PHOTOMETRIC CURVE



Test Lamp: 1xF54T5HO
 IES FILE: SOL-VL-0-100-4-T5HO-1

Efficiency: 76.3%

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	1384	1384	1384	1384	1384	
5	1395	1426	1399	1420	1414	75
15	1377	1358	1369	1398	1382	328
25	1276	1302	1336	1359	1386	565
35	1152	1197	1254	1290	1289	746
45	894	917	927	952	947	757
55	473	494	525	566	576	527
65	308	331	365	392	425	383
75	207	210	250	266	275	284
85	53	60	97	119	122	139
90	13	21	48	65	70	

LUMINANCE DATA (CD/M²)

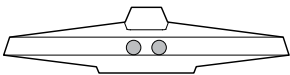
Vertical Angle	Horizontal Angles		
	0	45	90
45	2822	2480	2453
55	1792	1591	1676
65	1518	1325	1460
75	1532	1174	1196
85	832	672	753

COEFFICIENTS OF UTILIZATION (%)

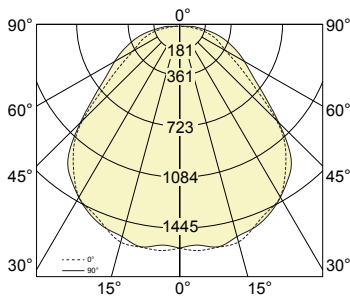
Ceiling	80			70			50				
	70	50	30	10	70	50	30	10	50	30	10
Wall	70	50	30	10	70	50	30	10	50	30	10
0	91	91	91	91	89	89	89	89	85	85	85
1	83	80	77	74	81	78	75	72	75	72	70
2	76	70	65	61	74	69	64	60	66	62	59
3	70	62	56	51	68	61	55	51	58	54	50
4	64	55	49	44	62	54	48	43	52	47	43
5	59	50	43	38	58	49	42	38	47	42	37
6	55	45	38	33	53	44	38	33	43	37	33
7	51	41	34	30	50	40	34	30	39	33	29
8	47	37	31	27	46	37	31	27	36	30	26
9	44	34	28	24	43	34	28	24	33	28	24
10	42	32	26	22	41	31	26	22	31	25	22

Based on floor reflectance of 20

2 T8



PHOTOMETRIC CURVE



Test Lamp: 2xF32T8
 IES FILE: SOL-VL-0-100-4-T8-2

Efficiency: 72.5%

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	1565	1565	1565	1565	1565	
5	1588	1604	1598	1567	1550	85
15	1579	1543	1515	1539	1540	367
25	1450	1471	1467	1456	1474	621
35	1295	1319	1338	1339	1328	802
45	996	992	994	1002	1013	815
55	541	562	601	635	642	589
65	329	370	418	443	466	429
75	220	231	286	298	309	320
85	63	70	112	133	137	159
90	15	31	64	88	88	

LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	3033	2557	2518
55	1981	1751	1789
65	1568	1452	1527
75	1572	1280	1282
85	950	740	806

COEFFICIENTS OF UTILIZATION (%)

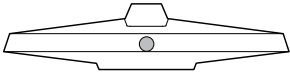
Ceiling	80			70			50				
	70	50	30	10	70	50	30	10	50	30	10
Wall	70	50	30	10	70	50	30	10	50	30	10
0	86	86	86	86	84	84	84	84	81	81	81
1	79	76	72	68	77	74	71	67	71	68	65
2	72	66	61	56	70	65	60	55	62	59	54
3	66	59	53	46	64	57	52	46	55	51	45
4	61	52	46	39	59	51	46	39	49	44	39
5	56	47	41	34	55	46	40	34	45	39	34
6	52	42	36	30	51	42	36	30	40	35	30
7	48	39	32	26	47	38	32	26	37	32	26
8	45	35	29	24	44	35	29	23	34	29	23
9	42	33	27	21	41	32	26	21	31	26	21
10	39	30	24	19	39	30	24	19	29	24	19

Based on floor reflectance of 20

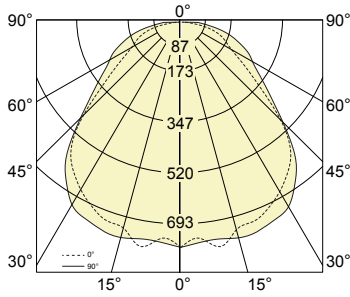
i All IES files for other lamping are available for download at: www.axislighting.com

● PHOTOMETRIC DATA

I T8



PHOTOMETRIC CURVE



Test Lamp: 1xF32T8
 IES FILE: SOL-VL-0-100-4-T8-1

Efficiency: 73.4%

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	763	763	763	763	763	
5	762	774	767	750	780	41
15	754	736	759	765	763	179
25	712	709	734	748	756	308
35	646	654	664	683	681	403
45	487	497	501	502	511	405
55	271	281	302	326	334	296
65	175	193	216	243	257	226
75	112	125	151	166	178	173
85	30	37	61	79	81	87
90	7	16	34	48	52	

LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	1483	1289	1269
55	991	880	931
65	833	750	844
75	799	676	736
85	453	403	477

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	88	88	88	88	86	86	86	86	82	82	82
1	80	76	73	70	78	75	72	69	72	69	67
2	73	67	62	58	71	65	61	57	63	59	56
3	67	59	53	48	65	58	52	48	56	51	47
4	61	53	46	41	60	52	46	41	50	45	40
5	56	47	41	36	55	46	40	36	45	39	35
6	52	43	36	31	51	42	36	31	41	35	31
7	49	39	32	28	47	38	32	28	37	32	28
8	45	35	29	25	44	35	29	25	34	29	25
9	42	33	27	23	41	32	26	22	31	26	22
10	40	30	24	20	39	30	24	20	29	24	20

Based on floor reflectance of 20

i All IES files for other lamping are available for download at: www.axislighting.com