

● **PROJECT INFORMATION**

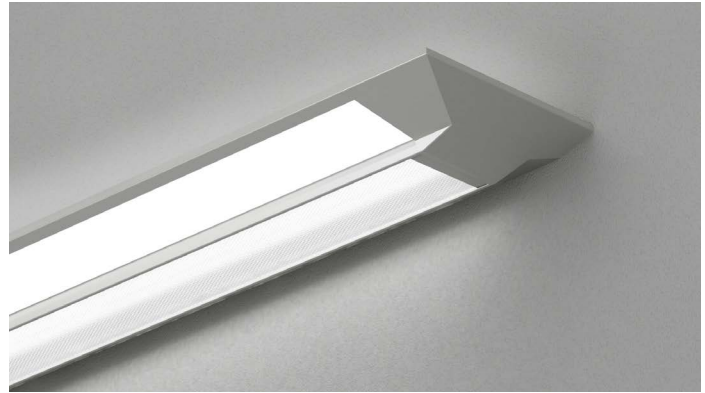
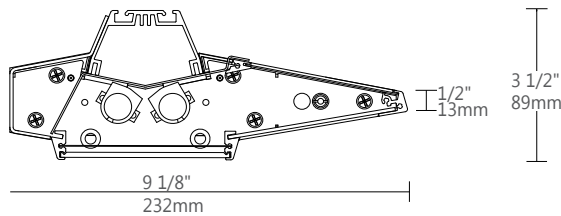
Project:

Type:

Notes:

● **DIMENSIONS**

SECTION VIEWS



● **ORDERING CODE**

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

1 PRODUCT ID	2 OPTICS	3 LIGHT DISTRIBUTION	4 LENGTH/FT	5 LAMP	6 LAMP CONFIGURATION
SOLW wall	VL vl optic	30/70 30% up 70% dn 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

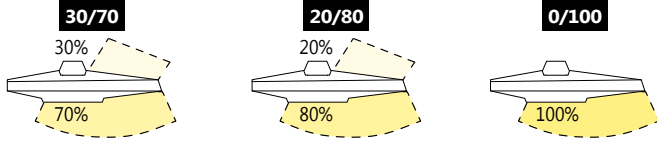
7 FINISH	8 VOLTAGE	9 BALLAST	10 CIRCUITS	11 BATTERY (OPTIONAL)	12 OTHER (OPTIONAL)
AP aluminum paint W white BLK black C custom	120 120V 277 277V 347 347V ⁽²⁾ UNV universal	D dimming E instant start ⁽³⁾ ERS program start BI bi-level dimming	1 1 regular 2 2 regular +E(#) emergency section ⁽⁴⁾ +NL(#) night light section ⁽⁴⁾ +GTD(#) generator transfer device ⁽⁴⁾	B# battery pack 4' sections	F fuse
(2) Consult factory		(3) Available with T8 lamp only	(4) Specify quantity	Requires 120V or 277V Please consult factory, specify quantity.	Requires 120V or 277V Please consult factory

13 IC CONTROLS (OPTIONAL)	14 CUSTOM (OPTIONAL)
DS# daylight sensor OS# occupancy sensor DS+OS# daylight+occupancy sensor DOS# daylight&occupancy sensor	C custom
See integrated controls guide for further details Requires 8" blank. Specify quantity.	Please specify

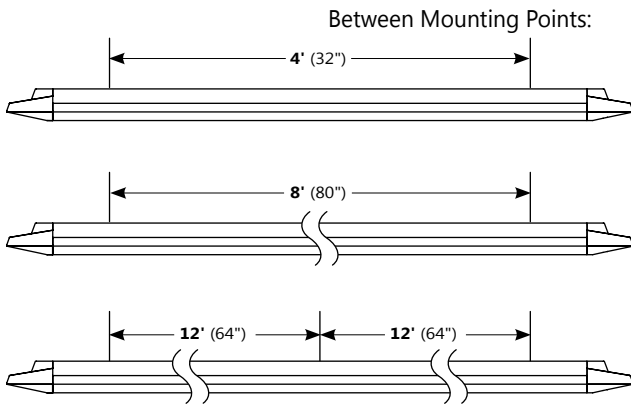
● **LIGHT DISTRIBUTION**



● **LIGHT DISTRIBUTION OPTIONS**

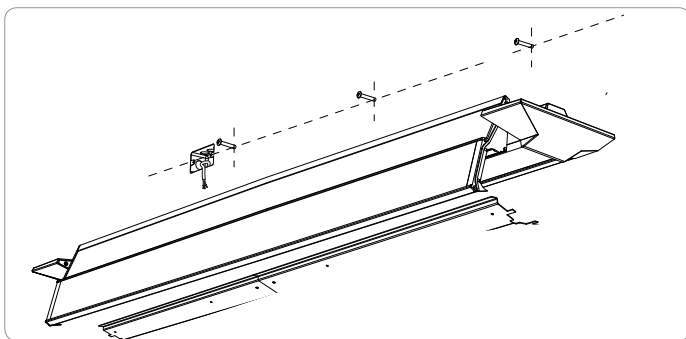


● **SUSPENSION / MOUNTING SPACING**



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

● **MOUNTING OPTIONS**



MOUNTING POINT

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

● **OTHER MOUNTING OPTIONS**

SOLEIL is also available with pendant and surface mounted options.

i Specification sheets for pendant and surface mounted SOLEIL luminaires are available for download 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

● **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

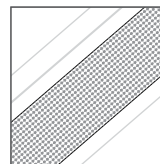
● **FINISH**

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

● **APPROVALS**

Certified to UL and CUL standards 
 Suitable for damp locations.

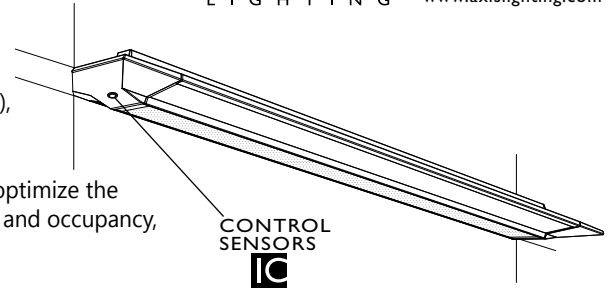
● **OPTICS**



VL vl opti

● **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.

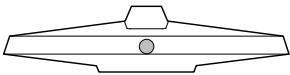


- Consult factory for other options.
- Refer to IC brochure for more information.

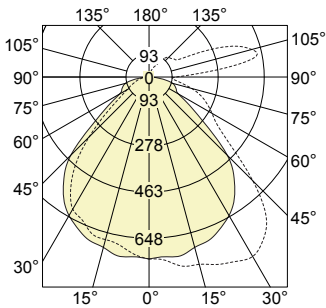
SENSORS	BRAND	Model	TYPE	CODE	COMPATIBLE DIMMING BALLAST
Daylight Sensor (DS)	Lutron	EC-DIR-WH	Daylight	LD	EcoSystem
	Wattstopper	FD-301	Daylight	WD	0-10V
	Philips	Luxsense	Daylight	PL	0-10V
Occupancy Sensor (OS)	Wattstopper	FS-205	PIR Occupancy	WP1	Programmed Rapid Start
		FS-355	PIR Occupancy	WP2	Programmed 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**

I T5



PHOTOMETRIC CURVE



Test Lamp: 1xF28T5
 IES FILE: SOLW-VL-30-70-4-T5-1

Efficiency: 76.7%

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	731	731	731	731	731	
5	739	762	760	745	725	40
15	779	782	762	731	709	172
25	818	808	772	715	674	297
35	799	776	752	675	598	390
45	590	584	560	513	445	381
55	335	324	288	243	200	230
65	258	231	205	168	121	152
75	177	163	148	120	98	121
85	97	90	64	36	28	61
90	110	97	64	31	5	
95	234	232	203	109	8	64
105	427	383	239	68	7	127
115	248	201	105	49	9	80
125	125	115	86	36	12	43
135	112	100	67	29	13	33
145	73	65	44	22	11	20
155	43	39	26	14	12	10
165	16	17	13	12	10	4
175	12	10	10	9	8	1
180	7	7	7	7	7	

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	89	89	89	89	85	85	85	85	78	78	78	
1	81	78	75	72	78	75	72	70	69	67	65	
2	75	69	64	60	71	66	62	58	61	58	55	
3	68	61	55	51	66	59	54	49	55	50	47	
4	63	55	48	44	60	53	47	43	49	44	41	
5	58	49	43	38	56	47	42	37	44	39	36	
6	54	44	38	33	52	43	37	33	40	35	31	
7	50	40	34	30	48	39	33	29	37	32	28	
8	47	37	31	27	45	36	30	26	34	29	25	
9	44	34	28	24	42	33	27	24	31	26	23	
10	41	31	26	22	39	30	25	21	29	24	21	

Based on floor reflectance of 20

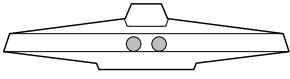
LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	1900	1897	1879
55	1185	1089	1011
65	1050	908	799
75	879	822	970
85	640	493	586

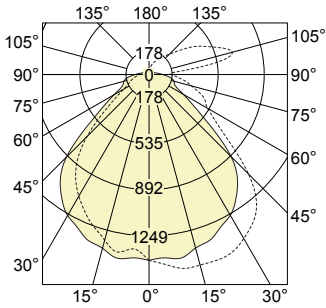
i All IES files are available for download at: www.axislighting.com

● PHOTOMETRIC DATA

2 T5



PHOTOMETRIC CURVE



Test Lamp: 2x F28T5
 IES FILE: SOLW-VL-30-70-4-T5-2

Efficiency: 73.9%

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	1512	1512	1512	1512	1512	
5	1551	1582	1533	1549	1497	82
15	1603	1585	1573	1512	1460	353
25	1592	1575	1539	1464	1370	596
35	1464	1449	1418	1332	1223	755
45	1108	1090	1059	999	907	737
55	629	609	550	468	393	443
65	490	426	379	328	227	289
75	321	300	282	231	185	228
85	175	156	116	67	54	114
90	206	184	126	57	11	
95	373	364	315	193	15	108
105	680	615	406	150	13	207
115	495	438	264	90	17	154
125	311	246	154	67	22	95
135	190	180	124	60	22	59
145	132	118	83	43	22	37
155	83	76	49	26	18	19
165	37	32	25	21	16	8
175	14	16	22	17	13	2
180	15	15	15	15	15	

COEFFICIENTS OF UTILIZATION (%)

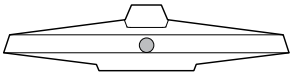
Ceiling	80				70				50			
	70	50	30	10	70	50	30	10	50	30	10	
Wall	70	50	30	10	70	50	30	10	50	30	10	
0	85	85	85	85	82	82	82	82	76	76	76	
1	79	75	72	70	75	72	70	67	67	65	63	
2	72	66	62	58	69	64	60	56	60	56	53	
3	66	59	54	49	63	57	52	48	53	49	46	
4	61	53	47	42	58	51	46	42	48	43	40	
5	56	48	42	37	54	46	41	36	43	39	35	
6	52	43	37	33	50	42	36	32	39	35	31	
7	49	39	33	29	47	38	33	29	36	31	28	
8	45	36	30	26	44	35	29	26	33	28	25	
9	42	33	27	24	41	32	27	23	31	26	22	
10	40	31	25	21	38	30	25	21	28	24	20	

Based on floor reflectance of 20

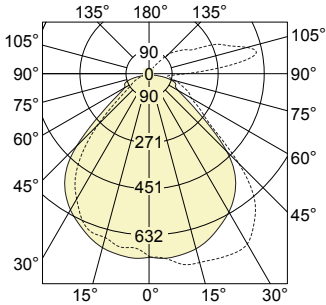
LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	3568	3591	3827
55	2227	2079	1992
65	1992	1676	1496
75	1593	1561	1831
85	1157	896	1129

1 T5



PHOTOMETRIC CURVE



Test Lamp: 1x F28T5
 IES FILE: SOLW-VL-20-80-4-T5-1

Efficiency: 76.1%

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	751	751	751	751	751	
5	760	787	762	761	759	40
15	800	793	783	750	741	176
25	812	807	778	724	685	302
35	747	753	739	674	606	389
45	518	518	522	500	448	370
55	256	247	241	225	199	211
65	178	156	158	149	115	130
75	118	118	120	108	98	106
85	72	70	55	36	29	57
90	102	94	67	33	7	
95	253	257	221	114	8	70
105	428	381	245	85	8	132
115	299	253	150	67	10	93
125	182	166	122	44	9	59
135	132	119	74	27	8	37
145	72	65	40	17	9	20
155	38	35	22	13	7	9
165	16	15	10	10	9	4
175	10	9	8	7	9	1
180	9	9	9	9	9	

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	84	84	84	84	77	77	77	
1	81	77	74	72	77	74	71	69	68	66	64	
2	74	68	64	60	71	66	61	58	61	57	54	
3	68	61	55	51	65	59	53	49	54	50	47	
4	63	54	48	44	60	53	47	43	49	44	41	
5	58	49	43	38	55	47	42	37	44	39	36	
6	54	44	38	34	51	43	37	33	40	35	32	
7	50	40	34	30	48	39	34	29	37	32	28	
8	47	37	31	27	45	36	30	26	34	29	25	
9	44	34	28	24	42	33	28	24	31	26	23	
10	41	31	26	22	39	31	25	22	29	24	21	

Based on floor reflectance of 20

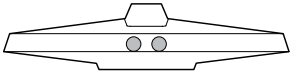
LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	1587	1683	1800
55	861	868	960
65	687	665	725
75	558	632	922
85	453	407	581

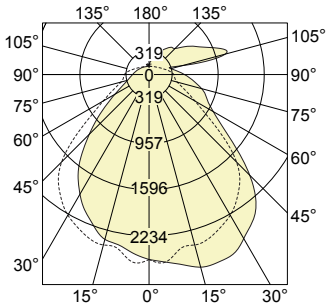
i All IES files for other lamping are available for download at: www.axislighting.com

● **PHOTOMETRIC DATA**

2 T5HO



PHOTOMETRIC CURVE



Test Lamp: 2x F54T5HO
 IES FILE: SOLW-VL-30-70-4-T5HO-2

Efficiency: 72.9%

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	2670	2670	2670	2670	2670	
5	2717	2779	2691	2694	2713	143
15	2872	2795	2747	2687	2551	619
25	2829	2798	2698	2567	2416	1044
35	2537	2544	2497	2374	2146	1313
45	1835	1818	1809	1729	1567	1241
55	1079	1048	945	816	681	747
65	841	745	670	560	394	492
75	561	530	483	389	325	392
85	285	270	199	115	91	194
90	384	356	245	112	18	
95	785	751	599	305	22	207
105	976	868	552	221	27	314
115	659	588	379	162	29	216
125	429	391	290	128	38	147
135	356	320	226	103	42	107
145	233	215	154	73	38	66
155	150	130	87	51	34	34
165	65	65	51	35	29	13
175	23	33	28	29	23	4
180	19	19	19	19	19	

COEFFICIENTS OF UTILIZATION (%)

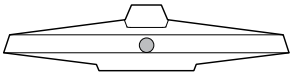
Ceiling	80				70				50			
	70	50	30	10	70	50	30	10	50	30	10	
Wall	70	50	30	10	70	50	30	10	50	30	10	
0	85	85	85	85	81	81	81	81	75	75	75	
1	78	75	72	68	75	72	69	66	67	65	62	
2	71	66	61	56	68	64	60	55	59	56	52	
3	66	59	53	47	63	57	52	46	53	49	44	
4	61	53	47	40	58	51	46	40	48	43	38	
5	56	47	41	35	54	46	40	35	43	38	33	
6	52	43	37	31	50	42	36	30	39	35	29	
7	48	39	33	27	46	38	33	27	36	31	26	
8	45	36	30	25	43	35	29	24	33	28	24	
9	42	33	27	22	41	32	27	22	31	26	21	
10	40	30	25	20	38	30	25	20	28	24	19	

Based on floor reflectance of 20

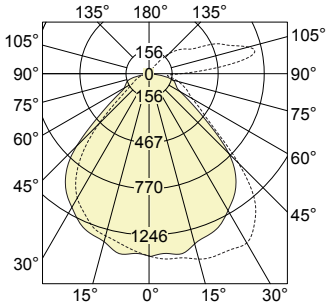
LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	5909	6132	6610
55	3820	3575	3450
65	3422	2967	2598
75	2782	2677	3209
85	1885	1535	1902

1 T5HO



PHOTOMETRIC CURVE



Test Lamp: 1x F54T5HO
 IES FILE: SOLW-VL-20-80-4-T5HO-1

Efficiency: 76.1%

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	1314	1314	1314	1314	1314	
5	1337	1317	1364	1298	1297	70
15	1380	1370	1351	1291	1259	304
25	1391	1390	1318	1256	1194	521
35	1306	1293	1283	1157	1055	671
45	876	900	892	876	784	640
55	437	426	417	383	347	363
65	296	274	276	260	204	224
75	207	204	207	187	166	183
85	121	119	92	60	51	97
90	186	169	116	59	11	
95	443	449	379	201	13	123
105	742	654	423	146	14	226
115	518	433	255	113	16	160
125	316	286	208	76	15	103
135	230	206	127	44	14	65
145	128	106	70	28	14	34
155	66	56	41	21	14	16
165	27	24	22	16	14	7
175	20	20	16	13	11	2
180	16	16	16	16	16	

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	84	84	84	84	77	77	77	
1	81	77	74	72	77	74	71	69	68	66	64	
2	74	68	64	60	71	66	61	58	61	57	54	
3	68	61	55	51	65	59	53	49	54	50	47	
4	63	54	48	44	60	53	47	43	49	44	41	
5	58	49	43	38	55	47	42	37	44	39	36	
6	54	44	38	34	51	43	37	33	40	35	32	
7	50	41	34	30	48	39	34	29	37	32	28	
8	47	37	31	27	45	36	30	26	34	29	25	
9	44	34	28	24	42	33	28	24	31	26	23	
10	41	31	26	22	39	31	25	22	29	24	21	

Based on floor reflectance of 20

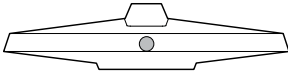
LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	2680	2878	3151
55	1469	1501	1673
65	1145	1161	1285
75	974	1092	1570
85	757	679	1031

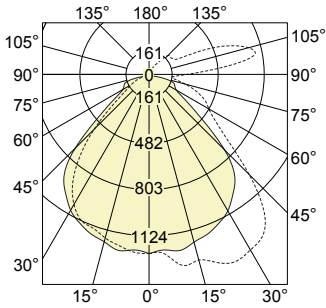
i All IES files for other lamping are available for download at: www.axislighting.com

● **PHOTOMETRIC DATA**

I T5HO



PHOTOMETRIC CURVE



Test Lamp: IxF54T5HO
 IES FILE: SOLW-VL-30-70-4-T5HO-1

Efficiency: 76.7%

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	1255	1255	1255	1255	1255	
5	1262	1315	1262	1311	1234	68
15	1346	1354	1331	1281	1216	297
25	1446	1386	1336	1232	1152	511
35	1388	1354	1286	1148	1027	671
45	1011	1010	968	900	768	661
55	581	556	502	411	335	396
65	443	397	346	293	202	260
75	298	279	254	209	171	208
85	163	155	109	60	48	105
90	195	169	113	52	9	
95	406	399	349	191	11	110
105	743	659	411	118	13	220
115	445	349	179	82	17	138
125	209	195	150	61	21	74
135	201	171	112	50	22	56
145	128	111	75	39	20	35
155	76	64	46	28	19	18
165	31	31	26	21	14	7
175	11	15	16	16	11	2
180	17	17	17	17	17	

COEFFICIENTS OF UTILIZATION (%)

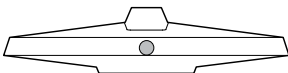
Ceiling	80				70				50			
	70	50	30	10	70	50	30	10	50	30	10	
Wall	70	50	30	10	70	50	30	10	50	30	10	
0	89	89	89	89	85	85	85	85	78	78	78	
1	81	78	75	71	78	75	72	69	69	67	64	
2	75	69	64	58	71	66	62	57	61	58	54	
3	68	61	55	49	66	59	54	48	55	50	45	
4	63	55	48	42	60	53	47	41	49	44	39	
5	58	49	43	36	56	47	42	35	44	39	34	
6	54	44	38	32	52	43	37	31	40	35	30	
7	50	40	34	28	48	39	33	27	37	32	27	
8	47	37	31	25	45	36	30	25	34	29	24	
9	44	34	28	22	42	33	27	22	31	26	21	
10	41	31	26	20	39	30	25	20	29	24	19	

Based on floor reflectance of 20

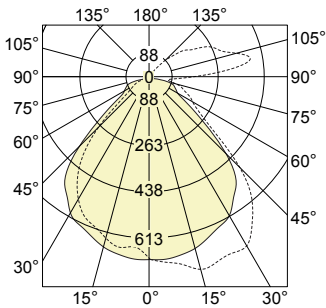
LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	3254	3283	3241
55	2056	1897	1698
65	1802	1534	1335
75	1481	1409	1685
85	1079	844	1012

I T8



PHOTOMETRIC CURVE



Test Lamp: IxF32T8
 IES FILE: SOLW-VL-20-80-4-T8-1

Efficiency: 73.3%

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	722	722	722	722	722	
5	736	732	744	726	724	38
15	789	771	750	720	700	169
25	769	775	744	698	652	288
35	708	711	691	652	579	369
45	507	502	507	482	429	355
55	242	247	239	216	191	206
65	175	159	152	145	115	127
75	125	116	117	107	93	103
85	70	65	52	34	28	54
90	111	109	79	40	6	
95	266	253	212	111	9	72
105	376	332	218	91	8	121
115	285	257	170	66	9	91
125	200	180	125	42	9	64
135	130	115	68	26	8	38
145	69	60	40	17	8	19
155	36	32	21	12	7	9
165	16	15	13	9	8	4
175	9	9	11	8	10	1
180	6	6	6	6	6	

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	84	84	84	84	81	81	81	81	74	74	74	
1	77	74	71	68	74	71	69	65	65	63	61	
2	71	66	61	56	68	63	59	54	58	55	51	
3	65	58	53	47	62	56	51	46	52	48	43	
4	60	52	46	40	57	50	45	39	47	42	37	
5	56	47	41	35	53	45	40	34	42	38	33	
6	52	43	37	31	49	41	36	30	39	34	29	
7	48	39	33	27	46	38	32	27	35	30	26	
8	45	36	30	24	43	34	29	24	32	28	23	
9	42	33	27	22	40	32	26	21	30	25	21	
10	39	30	25	20	38	29	24	19	28	23	19	

Based on floor reflectance of 20

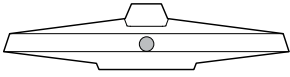
LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	1551	1635	1725
55	814	861	923
65	676	640	720
75	589	619	874
85	436	383	562

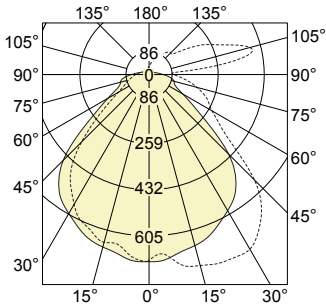
i All IES files for other lamping are available for download at: www.axislighting.com

● PHOTOMETRIC DATA

I T8



PHOTOMETRIC CURVE



Test Lamp: 1xF32T8
 IES FILE: SOLW-VL-30-70-4-T8-1

Efficiency: 74.1%

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	719	719	719	719	719	
5	692	694	713	702	716	38
15	760	752	733	708	683	165
25	776	777	740	686	638	283
35	734	741	715	649	575	369
45	568	551	538	493	429	363
55	326	317	279	235	195	222
65	252	225	201	166	114	148
75	178	165	151	120	94	121
85	96	89	65	38	28	64
90	123	116	81	39	7	
95	261	256	211	110	7	73
105	379	330	206	69	7	117
115	244	207	114	46	9	75
125	118	109	80	36	12	44
135	104	94	65	28	12	31
145	69	63	44	21	11	20
155	40	36	25	16	10	10
165	17	16	14	11	9	4
175	11	9	9	9	8	1
180	9	9	9	9	9	

COEFFICIENTS OF UTILIZATION (%)

Ceiling	80												70												50											
	70	50	30	10	70	50	30	10	50	30	10	70	50	30	10	50	30	10	70	50	30	10														
0	86	86	86	86	82	82	82	82	76	76	76																									
1	78	75	72	68	75	72	69	66	67	65	62																									
2	72	66	61	56	69	64	59	54	59	56	51																									
3	66	59	53	47	63	57	51	46	53	48	43																									
4	61	52	46	40	58	51	45	39	47	43	37																									
5	56	47	41	34	54	46	40	34	43	38	33																									
6	52	43	36	30	50	41	36	30	39	34	29																									
7	48	39	33	27	46	38	32	26	35	30	25																									
8	45	35	29	24	43	34	29	23	32	28	23																									
9	42	33	27	21	40	32	26	21	30	25	20																									
10	39	30	24	19	38	29	24	19	28	23	19																									

Based on floor reflectance of 20

LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	1738	1735	1724
55	1098	1004	940
65	974	846	718
75	836	799	890
85	601	477	554

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