

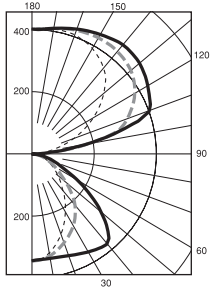
Product Photometry and ies files are also available online at [www.finelite.com](http://www.finelite.com).  
For layouts or additional photometry, contact your local representative or the factory.

## S16: 1 T8 - 91W - WCB LSI REPORT 21896



EFFICIENCY = 94.0%

69% Uplight  
31% Downlight



CANDELA DISTRIBUTION		FLUX	
0	45	90	135
0.0	22.0	45	67.5
0	343	343	343
5	339	339	341
15	302	306	320
25	248	256	287
35	188	199	244
45	134	139	185
55	95	98	116
65	63	65	72
75	38	37	39
85	14	12	11
90	0	0	0
95	22	68	59
105	99	189	286
115	185	259	358
125	267	323	403
135	336	374	425
145	378	401	432
155	401	412	428
165	410	411	417
175	407	404	404
180	402	402	402

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	258	8.75	9.30
0-40	420	14.26	15.17
0-60	707	23.97	25.49
0-90	847	28.72	30.55
40-90	426	14.46	15.38
60-90	140	4.75	5.06
90-180	1926	65.31	69.45
0-180	2773	94.03	100.00



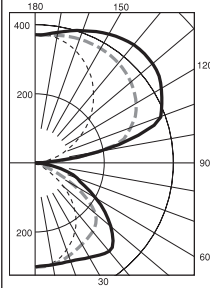
LEGEND:  
0-deg. ---  
45-deg. - - -  
90-deg. = = =

## S16: 1 T8 - 91W - SSL LSI REPORT 21792



EFFICIENCY = 87.4%

67% Uplight  
33% Downlight



CANDELA DISTRIBUTION		FLUX	
0	45	90	135
0.0	22.0	45	67.5
0	300	300	300
5	299	299	301
15	282	284	293
25	250	257	279
35	206	222	266
45	146	178	248
55	70	111	185
65	15	30	73
75	4	5	12
85	1	0	1
90	0	0	0
95	11	69	70
105	58	165	266
115	117	209	319
125	179	252	351
135	237	292	370
145	288	325	380
155	329	349	382
165	358	363	378
175	372	370	371
180	371	371	371

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	239	8.12	9.30
0-40	405	13.75	15.74
0-60	738	25.05	28.67
0-90	857	29.06	33.27
40-90	451	15.32	17.53
60-90	118	4.02	4.60
90-180	1719	58.29	66.73
0-180	2577	87.36	100.00



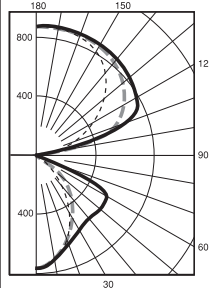
LEGEND:  
0-deg. ---  
45-deg. - - -  
90-deg. = = =

## S16: 2 T8 - 91W - WCB LSI REPORT 21524



EFFICIENCY = 87.5%

68% Uplight  
32% Downlight



CANDELA DISTRIBUTION		FLUX	
0	45	90	135
0.0	22.0	45	67.5
0	776	776	776
5	769	759	751
15	669	651	654
25	539	523	547
35	395	393	442
45	268	276	332
55	186	190	219
65	119	121	137
75	63	64	72
85	16	19	23
90	0	0	0
95	41	94	82
105	188	307	409
115	354	461	598
125	516	601	713
135	659	721	797
145	764	801	843
155	836	859	872
165	877	883	891
175	889	880	883
180	881	881	881

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	513	8.70	9.94
0-40	800	13.56	15.50
0-60	1339	22.70	25.95
0-90	1652	28.01	32.01
40-90	852	14.45	16.52
60-90	313	5.31	6.07
90-180	3509	59.48	67.99
0-180	5161	87.49	100.00



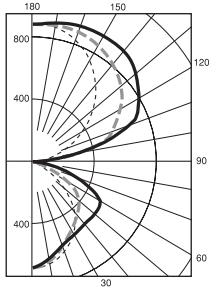
LEGEND:  
0-deg. ---  
45-deg. - - -  
90-deg. = = =

## S16: 2 T8 - 91W - SSL LSI REPORT 21797



EFFICIENCY = 83.0%

67% Uplight  
33% Downlight



CANDELA DISTRIBUTION		FLUX	
0	45	90	135
0.0	22.0	45	67.5
0	646	646	646
5	643	639	638
15	607	590	579
25	540	513	506
35	450	423	448
45	326	324	395
55	160	196	324
65	34	56	157
75	6	11	27
85	0	4	7
90	0	0	0
95	25	94	94
105	130	281	425
115	265	403	559
125	406	515	664
135	537	619	737
145	652	709	789
155	745	775	825
165	809	817	842
175	842	834	839
180	838	838	838

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	462	7.83	9.43
0-40	748	12.68	15.27
0-60	1337	22.67	27.31
0-90	1600	27.12	32.67
40-90	852	14.44	17.39
60-90	262	4.45	5.36
90-180	3298	55.91	67.33
0-180	4898	83.03	100.00



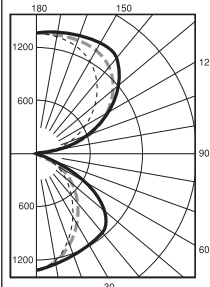
LEGEND:  
0-deg. ---  
45-deg. - - -  
90-deg. = = =

## S16: 3 T8 - 91W - WCB LSI REPORT 21525



EFFICIENCY = 87.0%

63% Uplight  
37% Downlight



CANDELA DISTRIBUTION		FLUX	
0	45	90	135
0.0	22.0	45	67.5
0	1315	1315	1315
5	1293	1290	1295
15	1139	1130	1163
25	916	919	1004
35	671	693	825
45	456	475	612
55	321	330	381
65	209	212	238
75	114	116	128
85	31	33	38
90	0	0	0
95	56	82	72
105	264	366	389
115	508	646	714
125	750	868	1002
135	965	1056	1189
145	1136	1195	1284
155	1261	1296	1339
165	1340	1348	1371
175	1373	1362	1368
180	1368	1368	1368

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	922	10.42	11.98
0-40	1463	16.53	19.00
0-60	2398	27.11	31.61
0-90	2871	32.44	37.29
40-90	1407	15.91	18.28
60-90	472	5.34	6.13
90-180	4828	54.56	62.71
0-180	7699	87.00	100.00



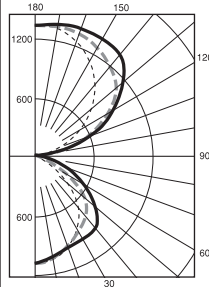
LEGEND:  
0-deg. ---  
45-deg. - - -  
90-deg. = = =

## S16: 3 T8 - 91W - SSL LSI REPORT 21799



EFFICIENCY = 83.4%

64% Uplight  
36% Downlight



CANDELA DISTRIBUTION		FLUX	
0	45	90	135
0.0	22.0	45	67.5
0	1096	1096	1096
5	1092	1088	1089
15	1034	1021	1020
25	928	909	932
35	780	774	850
45	566	601	745
55	273	348	522
65	58	88	199
75	10	18	38
85	0	5	10
90	0	0	0
95	35	90	87
105	206	364	431
115	425	616	722
125	647	799	984
135	854	968	1138
145	1032	1116	1225
155	1176	1223	1293
165	1276	1290	1326
175	1327	1315	1329
180	1319	1319	1319

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	825	8.33	11.19
0-40	1362	15.39	18.45
0-60	2359	26.66	31.97
0-90	2683	30.32	36.36
40-90	1321	14.93	17.90
60-90	323	3.66	4.39
90-180	4697	53.08	63.64
0-180	7381	83.40	100.00



LEGEND:  
0-deg. ---  
45-deg. - - -  
90-deg. = = =

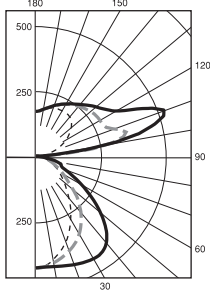
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### S16: 1 T8 - WSO - WCB LSI REPORT 21895



EFFICIENCY = 83.8%

59% Uplight  
41% Downlight



CANDELA DISTRIBUTION		FLUX		
0.0	22.0	45	67.5	90
0	431	431	431	431
5	423	424	427	428
15	375	381	401	425
25	308	322	365	415
35	232	247	305	390
45	161	169	225	316
55	113	117	137	200
65	74	76	84	108
75	42	42	45	55
85	13	12	13	14
90	0	0	0	0
95	18	110	106	82
105	66	148	360	455
115	117	175	287	394
125	161	204	280	322
135	193	224	262	283
145	204	222	243	251
155	201	210	221	223
165	192	193	196	197
175	179	177	177	177
180	173	173	173	173

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	324	11.00	13.13
0-40	523	17.76	21.21
0-60	854	28.97	34.59
0-90	1017	34.50	41.19
40-90	493	16.74	19.98
60-90	163	5.53	6.60
90-180	1453	49.26	58.81
0-180	2470	83.76	100.00

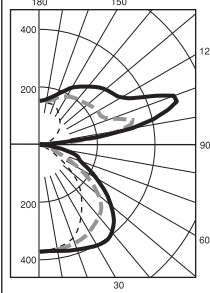


### S16: 1 T8 - WSO - SSL LSI REPORT 21793



EFFICIENCY = 77.0%

54% Uplight  
46% Downlight



CANDELA DISTRIBUTION		FLUX		
0.0	22.0	45	67.5	90
0	371	371	371	371
5	368	369	372	371
15	355	358	367	376
25	318	331	358	379
35	254	282	335	377
45	189	227	302	340
55	89	137	208	250
65	18	33	83	147
75	3	5	13	61
85	0	0	1	4
90	0	0	0	0
95	7	109	114	87
105	27	118	332	438
115	53	124	233	338
125	79	139	226	293
135	99	141	210	264
145	118	150	200	234
155	139	157	185	198
165	147	151	160	167
175	150	150	151	153
180	152	152	152	152

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	303	10.30	13.38
0-40	510	17.31	22.49
0-60	901	30.57	39.71
0-90	1035	35.11	45.61
40-90	525	17.80	23.12
60-90	134	4.55	5.91
90-180	1235	41.87	54.39
0-180	2270	76.98	100.00

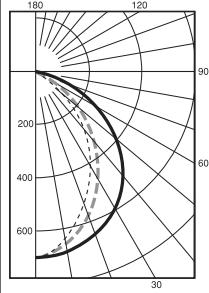


### S16: 1 T8 - CCO - WCB LSI REPORT 21897



EFFICIENCY = 45.8%

100% Downlight



CANDELA DISTRIBUTION		FLUX		
0.0	22.0	45	67.5	90
0	723	723	723	723
5	708	710	718	720
10	666	674	693	709
15	609	622	655	685
20	544	562	603	649
25	472	494	545	605
30	398	422	480	553
35	323	348	411	497
40	250	274	343	438
45	199	210	275	379
50	167	174	211	318
55	138	143	164	257
60	111	115	131	193
65	88	90	100	129
70	66	67	73	84
75	47	47	50	52
80	28	28	30	29
85	11	11	11	10
90	0	0	0	0

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	503	17.06	37.29
0-40	767	26.00	56.82
0-60	1176	39.87	87.13
0-90	1350	45.76	100.00
40-90	582	19.76	43.18
60-90	173	5.89	12.87
90-180	0	0.00	0.00
0-180	1350	45.76	100.00

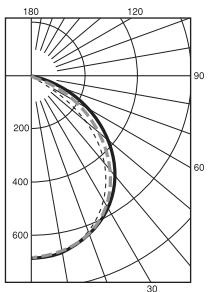


### S16: 1 T8 - CCO - SSL LSI REPORT 21794



EFFICIENCY = 48.9%

100% Downlight



CANDELA DISTRIBUTION		FLUX		
0.0	22.0	45	67.5	90
0	680	680	680	680
5	677	676	678	677
10	666	666	670	669
15	644	646	653	655
20	615	618	626	631
25	580	583	593	600
30	539	542	551	560
35	490	494	502	512
40	430	437	448	460
45	355	366	387	406
50	266	282	320	349
55	169	189	243	276
60	79	98	157	195
65	28	37	72	122
70	8	11	24	65
75	1	3	7	29
80	0	0	1	10
85	0	0	0	1
90	0	0	0	0

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	519	17.62	36.04
0-40	833	28.25	57.78
0-60	1337	45.36	92.76
0-90	1442	48.89	100.00
40-90	608	20.64	42.22
60-90	104	3.54	7.24
90-180	0	0.00	0.00
0-180	1442	48.89	100.00

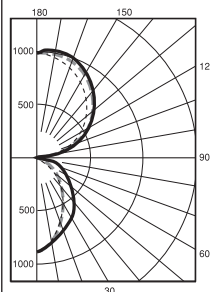


### S16: 2 T8 - 91W - CCO - WCB LSI REPORT 21530



EFFICIENCY = 79.9%

66% Uplight  
34% Downlight



CANDELA DISTRIBUTION		FLUX		
0.0	22.0	45	67.5	90
0	884	884	884	884
5	864	861	860	851
15	747	724	728	743
25	583	563	597	647
35	403	404	459	535
45	255	263	320	405
55	176	179	199	272
65	112	114	125	171
75	59	61	67	90
85	15	17	21	27
90	0	0	0	0
95	38	54	45	40
105	176	221	234	215
115	338	395	419	446
125	502	569	585	597
135	653	728	746	758
145	783	852	871	888
155	884	937	964	977
165	953	972	1006	1021
175	987	978	983	992
180	983	983	983	983

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	566	9.60	12.02
0-40	861	14.59	18.28
0-60	1325	22.46	28.13
0-90	1587	26.90	33.69
40-90	726	12.31	15.41
60-90	261	4.44	5.56
90-180	3124	52.95	66.31
0-180	4711	79.85	100.00

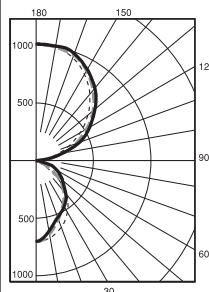


### S16: 2 T8 - 91W - CCO - SSL LSI REPORT 21798



EFFICIENCY = 75.3%

69% Uplight  
31% Downlight



CANDELA DISTRIBUTION		FLUX		
0.0	22.0	45	67.5	90
0	704	704	704	704
5	699	696	693	684
15	660	633	605	586
25	588	537	506	508
35	490	429	425	437
45	354	313	336	349
55	169	172	218	254
65	34	43	95	172
75	5	9	20	64
85	0	2	5	8
90	0	0	0	0
95	31	56	48	42
105	168	213	253	243
115	334	378	411	447
125	504	539	572	588
135	661	695	714	737
145	797	829	838	850
155	906	913	941	946
165	982	977	987	1005
175	1021	1010	1008	1010
180	1013	1013	1013	1013

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	477	8.10	10.76
0-40	752	12.75	16.93
0-60	1205	20.43	27.14
0-90	1362	23.09	30.67
40-90	610	10.34	13.74
60-90	156	2.66	3.53
90-180	3079	52.20	69.33
0-180	4442	75.29	100.00



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For layouts or additional photometry, contact your local representative or the factory.

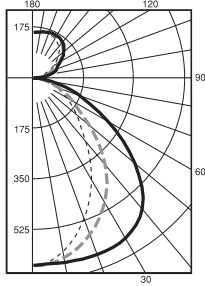
## S16: 1 T8 - STO - WCB LSI REPORT 21898



EFFICIENCY = 70.1%

28% Uplight  
72% Downlight

CANDELA DISTRIBUTION					FLUX
0.0	22.0	45	67.5	90	
0	652	652	652	652	652
5	642	643	650	651	650
15	568	579	610	640	654
25	462	483	541	613	652
35	343	367	446	555	624
45	232	245	322	447	534
55	161	168	194	295	382
65	103	106	119	161	222
75	55	56	60	75	117
85	14	14	15	17	23
90	0	0	0	0	0
95	2	7	13	14	13
105	24	32	52	65	67
115	57	65	77	90	91
125	94	103	118	123	121
135	126	135	146	152	150
145	148	154	162	167	166
155	160	163	168	171	170
165	165	164	167	167	167
175	163	162	161	161	161
180	161	161	161	161	161



LEGEND:  
0-deg - - - - -  
45-deg - - - - -  
90-deg - - - - -

ZONAL LUMEN SUMMARY				
ZONE	LUMENS	%LAMP	%FIXT	
0-30	485	16.45	23.46	
0-40	773	26.21	37.38	
0-60	1249	42.37	60.42	
0-90	1479	50.16	71.54	
40-90	706	23.95	34.15	
60-90	229	7.79	11.11	
90-180	588	19.96	28.46	
0-180	2068	70.13	100.00	

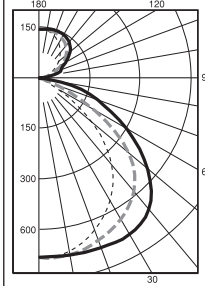
## S16: 1 T8 - STO - SSL LSI REPORT 21795



EFFICIENCY = 64.3%

25% Uplight  
75% Downlight

CANDELA DISTRIBUTION					FLUX
0.0	22.0	45	67.5	90	
0	529	529	529	529	529
5	528	528	532	531	528
15	503	509	523	530	532
25	452	466	498	526	536
35	383	409	464	507	526
45	280	327	401	447	471
55	139	192	277	333	365
65	27	46	107	197	236
75	3	6	16	68	130
85	0	0	1	4	16
90	0	0	0	0	0
95	0	4	11	12	10
105	16	23	42	57	60
115	41	50	62	73	78
125	66	78	94	105	107
135	89	101	117	129	132
145	110	119	132	142	145
155	127	132	140	148	149
165	139	141	144	148	149
175	145	144	145	145	145
180	144	144	144	144	144



LEGEND:  
0-deg - - - - -  
45-deg - - - - -  
90-deg - - - - -

ZONAL LUMEN SUMMARY				
ZONE	LUMENS	%LAMP	%FIXT	
0-30	426	14.46	22.50	
0-40	712	24.15	37.59	
0-60	1242	42.13	65.57	
0-90	1413	47.91	74.57	
40-90	701	23.76	36.99	
60-90	170	5.79	9.01	
90-180	481	16.34	25.43	
0-180	1895	64.25	100.00	

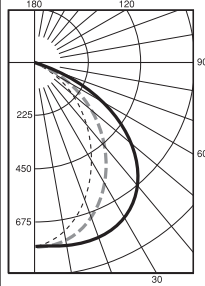
## S16: 1 T8 - TDO - WCB LSI REPORT 21899



EFFICIENCY = 58.4%

100% Downlight

CANDELA DISTRIBUTION					FLUX
0.0	22.0	45	67.5	90	
0	782	782	782	782	782
5	769	769	777	780	779
10	730	736	758	777	784
15	678	690	730	768	786
20	616	635	690	751	784
25	548	573	643	729	778
30	476	504	587	694	760
35	402	431	523	646	728
40	328	356	450	583	677
45	269	284	369	507	609
50	226	236	286	423	527
55	186	194	221	336	442
60	151	155	176	256	350
65	119	121	135	184	261
70	90	91	99	128	194
75	63	63	68	86	135
80	37	38	41	48	72
85	14	15	16	19	27
90	0	0	0	0	0



LEGEND:  
0-deg - - - - -  
90-deg - - - - -

ZONAL LUMEN SUMMARY				
ZONE	LUMENS	%LAMP	%FIXT	
0-30	578	19.61	33.56	
0-40	915	31.02	53.09	
0-60	1461	49.55	84.87	
0-90	1723	58.43	100.00	
40-90	808	27.41	46.91	
60-90	262	8.88	15.20	
90-180	0	0.00	0.00	
0-180	1723	58.43	100.00	

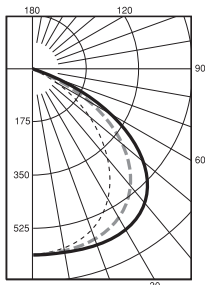
## S16: 1 T8 - TDO - SSL LSI REPORT 21796



EFFICIENCY = 53.9%

100% Downlight

CANDELA DISTRIBUTION					FLUX
0.0	22.0	45	67.5	90	
0	614	614	614	614	614
5	613	612	616	615	613
10	602	605	614	616	616
15	582	589	606	616	618
20	554	566	591	613	619
25	523	539	575	609	619
30	485	507	556	596	613
35	438	470	530	575	595
40	384	426	496	540	564
45	317	371	448	492	520
50	239	300	385	434	465
55	155	213	303	365	400
60	77	119	210	291	331
65	30	48	115	213	258
70	10	17	47	139	202
75	3	6	16	70	140
80	0	1	6	22	72
85	0	0	1	5	18
90	0	0	0	0	0



LEGEND:  
0-deg - - - - -  
90-deg - - - - -

ZONAL LUMEN SUMMARY				
ZONE	LUMENS	%LAMP	%FIXT	
0-30	493	16.72	31.01	
0-40	819	27.77	51.50	
0-60	1407	47.70	88.47	
0-90	1590	53.92	100.00	
40-90	771	26.15	48.50	
60-90	183	6.21	11.53	
90-180	0	0.00	0.00	
0-180	1590	53.92	100.00	

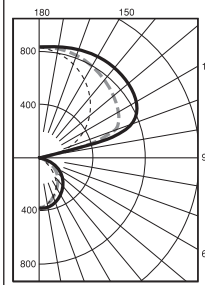
## S16: 1 T5HO - 91W - WCB LSI REPORT 21513



EFFICIENCY = 95.6%

81% Uplight  
19% Downlight

CANDELA DISTRIBUTION					FLUX
0.0	22.0	45	67.5	90	
0	389	389	389	389	389
5	383	383	386	384	37
15	335	339	353	367	373
25	268	276	300	348	339
35	192	204	238	284	313
45	125	132	171	226	265
55	90	95	109	159	204
65	61	65	71	92	128
75	38	39	39	42	43
85	17	15	12	12	11
90	0	0	0	0	0
95	27	108	48	44	84
105	147	353	498	517	492
115	295	445	648	765	799
125	436	543	706	835	879
135	564	637	756	854	892
145	672	718	796	867	895
155	756	780	825	869	887
165	814	820	840	861	870
175	843	838	839	845	849
180	841	841	841	841	841



LEGEND:  
0-deg - - - - -  
45-deg - - - - -  
90-deg - - - - -

ZONAL LUMEN SUMMARY				
ZONE	LUMENS	%LAMP	%FIXT	
0-30	275	6.11	6.40	
0-40	427	9.50	9.94	
0-60	680	15.13	15.83	
0-90	818	18.18	19.02	
40-90	390	8.69	9.09	
60-90	137	3.05	3.19	
90-180	3482	77.39	80.98	
0-180	4300	95.57	100.00	

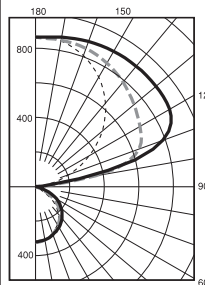
## S16: 1 T5HO - 91W - SSL LSI REPORT 21802



EFFICIENCY = 97.5%

83% Uplight  
17% Downlight

CANDELA DISTRIBUTION					FLUX
0.0	22.0	45	67.5	90	
0	320	320	320	320	320
5	319	319	320	319	317
15	303	303	308	308	307
25	274	274	280	285	286
35	235	236	243	253	259
45	177	183	200	211	221
55	93	107	140	158	172
65	20	28	58	90	106
75	8	6	8	23	38
85	4	0	1	5	2
90	0	0	0	0	0
95	20	134	77	50	41
105	143	372	555	601	597
115	293	452	679	822	868
125	441	550	722	858	907
135	573	647	768	870	910
145	686	733	810	880	908
155	775	797	840	882	900
165	836	840	857	877	886
175	867	861	860	864	867
180	864	864	864	864	864



LEGEND:  
0-deg - - - - -  
45-deg - - - - -  
90-deg - - - - -

ZONAL LUMEN SUMMARY				
ZONE	LUMENS	%LAMP	%FIXT	
0-30	245	5.45	5.59	
0-40	398	8.85	9.07	
0-60	669	14.87	15.25	
0-90	749	16.65	17.07	
40-90	350	7.80	7.99	
60-90	79	1.77	1.82	
90-180	3640	80.89	82.93	
0-180	4389			

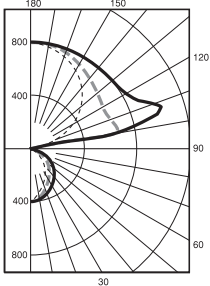
Product Photometry and ies files are also available online at [www.finelite.com](http://www.finelite.com).  
For layouts or additional photometry, contact your local representative or the factory.

## S16: 1 T5HO - EP - WCB LSI REPORT 21580



EFFICIENCY = 96.6%

81% Uplight  
19% Downlight



CANDELA DISTRIBUTION		FLUX
0.0	22.0	45 67.5 90
0	392	392 392 392
5	383	384 388 390 388 37
15	336	340 355 370 377 100
25	269	277 302 336 354 141
35	194	205 241 286 316 154
45	128	134 171 226 265 141
55	92	96 108 159 203 114
65	63	64 70 91 127 79
75	39	37 38 41 38 42
85	15	12 12 12 12 14
90	0	0 0 0 0 0
95	25	183 93 34 22 141
105	139	342 651 909 951 599
115	280	400 622 801 869 598
125	417	495 632 762 810 561
135	538	588 682 763 793 521
145	642	670 727 783 803 454
155	723	734 764 795 806 352
165	779	778 788 802 806 223
175	806	800 800 802 802 78
180	803	803 803 803 803

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	277	6.16	6.38
0-40	431	9.58	9.91
0-60	685	15.24	15.77
0-90	820	18.23	18.87
40-90	389	8.65	8.96
60-90	134	2.99	3.10
90-180	3527	78.38	81.13
0-180	4347	96.61	100.00

LIGHTING SCIENCES

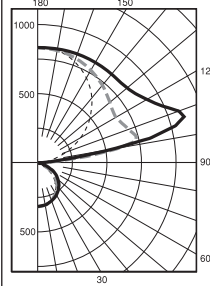
LEGEND:  
0-deg. ---  
45-deg. ---  
90-deg. ---

## S16: 1 T5HO - EP - SSL LSI REPORT 21872



EFFICIENCY = 100.0%

84% Uplight  
16% Downlight



CANDELA DISTRIBUTION		FLUX
0.0	22.0	45 67.5 90
0	315	315 315 315 315
5	312	313 314 314 312 30
15	297	297 302 303 303 85
25	268	269 274 279 281 126
35	229	231 238 248 253 149
45	173	179 194 205 214 148
55	92	105 135 153 166 116
65	22	29 56 87 102 59
75	9	9 10 23 36 18
85	6	3 2 2 6 4
90	0	0 0 0 0 0
95	19	187 160 94 69 177
105	135	371 740 976 1031 662
115	282	411 673 894 982 651
125	423	506 661 809 868 589
135	552	603 705 797 833 540
145	660	689 750 810 835 469
155	746	757 789 822 837 364
165	806	805 815 830 837 231
175	835	828 828 831 834 80
180	833	833 833 833

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	240	5.35	5.35
0-40	389	8.67	8.67
0-60	653	14.52	14.53
0-90	734	16.33	16.34
40-90	344	7.67	7.67
60-90	81	1.81	1.81
90-180	3763	83.64	83.66
0-180	4498	99.97	100.00

LIGHTING SCIENCES

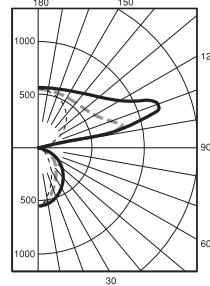
LEGEND:  
0-deg. ---  
45-deg. ---  
90-deg. ---

## S16: 1 T5HO - WSO - WCB LSI REPORT 21569



EFFICIENCY = 95.1%

75% Uplight  
25% Downlight



CANDELA DISTRIBUTION		FLUX
0.0	22.0	45 67.5 90
0	534	534 534 534 534
5	521	522 528 530 530 50
15	456	463 483 503 513 135
25	365	375 410 452 477 190
35	261	275 323 383 424 206
45	170	178 227 298 350 186
55	121	125 140 207 266 149
65	80	81 89 118 164 102
75	46	45 48 55 58 54
85	14	14 16 17 18 18
90	0	0 0 0 0 0
95	20	218 96 53 47 159
105	98	362 820 1037 1029 680
115	199	342 660 939 1100 646
125	293	364 571 770 843 511
135	375	415 525 655 707 414
145	443	463 518 585 615 329
155	498	503 530 559 571 246
165	534	533 539 550 555 153
175	553	547 547 549 550 53
180	549	549 549 549

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	375	8.35	8.78
0-40	581	12.93	13.59
0-60	916	20.37	21.42
0-90	1089	24.22	25.46
40-90	507	11.29	11.87
60-90	172	3.84	4.04
90-180	3190	70.90	74.54
0-180	4280	95.12	100.00

LIGHTING SCIENCES

LEGEND:  
0-deg. ---  
45-deg. ---  
90-deg. ---

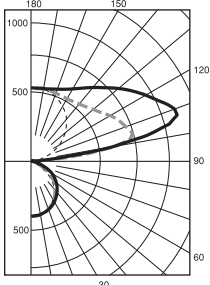
\* Contact factory for an explanation of the photometric testing procedures that yield this efficiency level.

## S16: 1 T5HO - WSO - SSL LSI REPORT 21873



EFFICIENCY = 93.5%

78% Uplight  
22% Downlight



CANDELA DISTRIBUTION		FLUX
0.0	22.0	45 67.5 90
0	400	400 400 400 400
5	398	398 399 398 396 38
15	378	378 383 384 383 107
25	341	341 348 353 355 160
35	292	293 300 310 317 188
45	221	227 243 255 267 186
55	117	133 168 189 206 144
65	26	36 69 110 129 74
75	10	11 13 32 50 24
85	6	5 4 5 10 7
90	0	0 0 0 0 0
95	17	223 221 162 130 215
105	93	388 758 976 1032 671
115	189	365 698 935 1026 648
125	280	376 615 818 888 537
135	361	412 557 701 753 432
145	428	454 527 613 646 325
155	481	490 521 558 572 242
165	516	516 525 536 540 149
175	535	530 528 530 530 51
180	531	531 531 531

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	305	6.79	7.25
0-40	493	10.97	11.73
0-60	823	18.31	19.58
0-90	928	20.63	22.06
40-90	434	9.66	10.33
60-90	104	2.32	2.48
90-180	3280	72.90	77.94
0-180	4209	93.53	100.00

LIGHTING SCIENCES

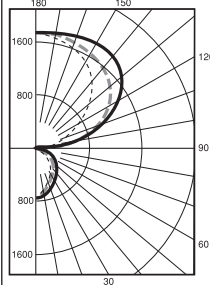
LEGEND:  
0-deg. ---  
45-deg. ---  
90-deg. ---

## S16: 2 T5HO - 91W - WCB LSI REPORT 21514



EFFICIENCY = 89.1%

82% Uplight  
18% Downlight



CANDELA DISTRIBUTION		FLUX
0.0	22.0	45 67.5 90
0	737	737 737 737 737
5	723	723 728 729 728 69
15	632	636 657 678 690 184
25	503	513 546 589 617 253
35	359	374 419 481 527 267
45	232	240 291 369 430 238
55	162	166 184 262 335 193
65	105	108 122 165 251 142
75	56	61 70 91 166 87
85	15	20 24 29 39 28
90	0	0 0 0 0 0
95	54	162 126 80 67 153
105	295	600 745 749 752 679
115	593	842 1137 1283 1311 1034
125	883	1085 1324 1516 1579 1150
135	1144	1292 1484 1631 1687 1123
145	1365	1465 1608 1721 1761 994
155	1539	1593 1682 1760 1791 772
165	1659	1674 1715 1756 1773 485
175	1720	1707 1711 1723 1730 167
180	1714	1714 1714 1714

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	506	5.63	6.32
0-40	773	8.60	9.65
0-60	1205	13.39	15.03
0-90	1462	16.25	18.24
40-90	688	7.65	8.59
60-90	257	2.86	3.21
90-180	6557	72.86	81.76
0-180	8019	89.11	100.00

LIGHTING SCIENCES

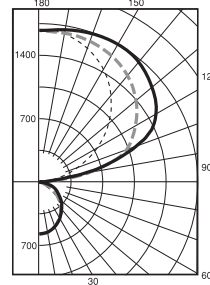
LEGEND:  
0-deg. ---  
45-deg. ---  
90-deg. ---

## S16: 2 T5HO - 91W - SSL LSI REPORT 21803



EFFICIENCY = 87.0%

83% Uplight  
17% Downlight



CANDELA DISTRIBUTION		FLUX
0.0	22.0	45 67.5 90
0	573	573 573 573 573
5	568	568 571 570 568 55
15	539	538 541 540 539 152
25	486	483 483 486 487 223
35	417	411 408 412 419 257
45	318	316 320 332 347 250
55	171	182 219 253 276 195
65	37	48 102 171 203 111
75	7	13 26 69 119 46
85	1	6 9 11 17 10
90	0	0 0 0 0 0
95	47	183 116 62 55 165
105	292	605 803 804 806 720
115	583	840 1133 1317 1370 1047
125	866	1060 1313 1500 1569 1137
135	1119	1256 1467 1622 1677 1107
145	1335	1420 1568 1697 1745 974
155	1504	1545 1634 1717 1750 752
165	1621	1627 1665 1707 1725 471
175	1681	1665 1667 1679 1686 162
180	1675	1675 1675 1675

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	428	4.77	5.48
0-40	686	7.62	8.76
0-60	1130	12.56	14.43
0-90	1298	14.42	16.57
40-90	612	6.80	7.81
60-90	167	1.86	2.14
90-180	6535	72.62	83.43
0-180	7834	87.05	100.00

LIGHTING SCIENCES

LEGEND:  
0-deg. ---  
45-deg. ---  
90-deg. ---

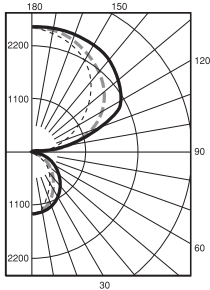
Product Photometry and ies files are also available online at [www.finelite.com](http://www.finelite.com).  
For layouts or additional photometry, contact your local representative or the factory.

## S16: 3 T5HO - 91W - WCB LSI REPORT 21515



EFFICIENCY = 87.7%

78% Uplight  
22% Downlight



CANDELA DISTRIBUTION		FLUX
0.0	22.0	45 67.5 90
0	1294	1294 1294 1294 1294
5	1265	1265 1280 1285 1285 122
15	1105	1116 1163 1208 1233 326
25	880	902 976 1067 1125 452
35	629	660 758 887 978 484
45	409	424 529 687 805 434
55	290	296 332 481 618 350
65	191	192 216 292 425 250
75	107	109 123 150 217 144
85	33	36 42 48 56 47
90	0	0 0 0
95	81	195 90 45 25 160
105	446	798 1032 955 904 904
115	881	1207 1557 1850 1897 1468
125	1298	1562 1852 2083 2186 1618
135	1672	1854 2125 2310 2371 1601
145	1988	2101 2297 2467 2522 1426
155	2238	2291 2404 2515 2555 1108
165	2409	2415 2462 2516 2535 697
175	2495	2473 2474 2490 2494 241
180	2484	2484 2484 2484 2484

ZONAL LUMEN SUMMARY				
ZONE	LUMENS	%LAMP	%FIXT	
0-30	900	6.67	7.61	
0-40	1384	10.26	11.70	
0-60	2168	16.07	18.33	
0-90	2610	19.33	22.06	
40-90	1225	9.08	10.36	
60-90	441	3.27	3.73	
90-180	9222	68.32	77.94	
0-180	11833	87.65	100.00	

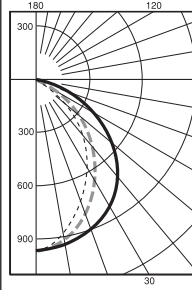


## S16: 1 T5HO - CCO - WCB LSI REPORT 21519



EFFICIENCY = 41.9%

100% Downlight



CANDELA DISTRIBUTION		FLUX
0.0	22.0	45 67.5 90
0	955	955 955 955 955
5	932	934 945 949 949 90
10	881	888 911 929 939
15	812	823 861 899 919 242
20	730	746 797 857 891
25	642	663 728 807 856 338
30	549	574 650 748 813
35	452	481 568 683 762 364
40	357	386 483 612 707
45	287	303 394 538 645 328
50	241	250 306 459 574
55	199	206 238 373 491 260
60	160	165 190 287 397
65	126	129 146 202 288 169
70	95	96 106 133 162
75	65	66 73 81 59 77
80	37	38 42 45 26
85	14	14 16 16 12 18
90	0	0 0 0

ZONAL LUMEN SUMMARY				
ZONE	LUMENS	%LAMP	%FIXT	
0-30	669	14.87	35.49	
0-40	1033	22.97	54.80	
0-60	1621	36.03	85.98	
0-90	1885	41.91	100.00	
40-90	852	18.94	45.20	
60-90	264	5.88	14.02	
90-180	0	0.00	0.00	
0-180	1885	41.91	100.00	

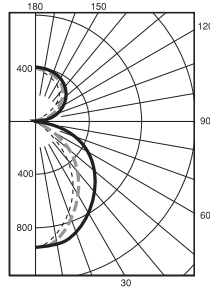


## S16: 1 T5HO - STO - WCB LSI REPORT 21521



EFFICIENCY = 69.6%

40% Uplight  
60% Downlight



CANDELA DISTRIBUTION		FLUX
0.0	22.0	45 67.5 90
0	951	951 951 951 951
5	930	930 941 944 944 90
15	811	821 856 890 909 240
25	644	662 719 790 834 333
35	456	491 558 660 732 357
45	291	304 387 513 606 319
55	203	209 238 355 460 254
65	130	133 148 201 295 172
75	69	70 76 91 125 89
85	18	17 18 20 25 23
90	0	0 0 0
95	5	13 13 12 12 18
105	47	62 99 131 135 97
115	114	130 160 185 196 157
125	188	206 239 266 273 209
135	256	272 300 324 332 229
145	315	326 347 367 374 216
155	362	367 380 393 398 175
165	394	394 399 406 409 113
175	409	406 406 408 410 39
180	408	408 408 408 408

ZONAL LUMEN SUMMARY				
ZONE	LUMENS	%LAMP	%FIXT	
0-30	663	14.74	21.18	
0-40	1020	22.68	32.59	
0-60	1593	35.41	50.89	
0-90	1877	41.72	59.96	
40-90	856	19.04	27.37	
60-90	283	6.31	9.07	
90-180	1253	27.86	40.04	
0-180	3131	69.58	100.00	

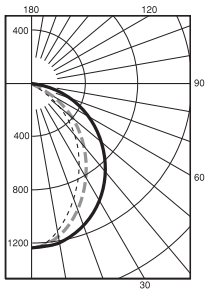


## S16: 1 T5HO - TDO - WCB LSI REPORT 21522



EFFICIENCY = 53.0%

100% Downlight



CANDELA DISTRIBUTION		FLUX
0.0	22.0	45 67.5 90
0	1234	1234 1234 1234 1234
5	1205	1206 1221 1226 1226 116
10	1139	1147 1177 1199 1210
15	1049	1063 1109 1154 1178 311
20	945	964 1023 1093 1133
25	830	855 929 1021 1079 431
30	711	739 825 939 1015
35	586	619 716 849 941 459
40	461	497 606 754 861
45	370	388 492 655 774 407
50	310	319 382 552 680
55	255	263 297 448 583 319
60	204	210 236 349 480
65	159	161 180 251 374 213
70	118	119 130 172 264
75	79	80 87 110 160 106
80	42	43 48 59 75
85	12	13 15 19 25 22
90	0	0 0 0

ZONAL LUMEN SUMMARY				
ZONE	LUMENS	%LAMP	%FIXT	
0-30	858	19.07	36.00	
0-40	1316	29.26	55.25	
0-60	2043	45.40	85.72	
0-90	2383	52.97	100.00	
40-90	1066	23.71	44.75	
60-90	340	7.57	14.28	
90-180	0	0.00	0.00	
0-180	2383	52.97	100.00	

