

Product Photometry and ies files are also available online at www.finelite.com.
For layouts or additional photometry, contact your local representative or the factory.

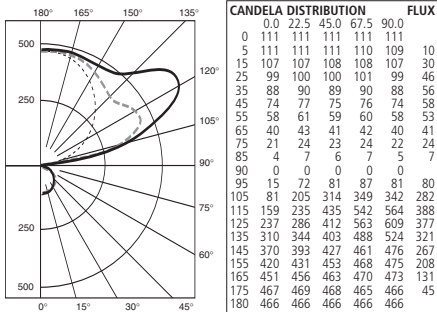
S10: A12 - OPEN - 1 T8 - EP

(ITL REPORT 50840)



85% Uplight
15% Downlight

EFFICIENCY = 86.5%



ZONAL LUMEN SUMMARY				
ZONE	LUMENS	%LAMP	%FIXT	
0-30	86	3.1	3.6	
0-40	142	5.1	5.9	
0-60	253	9.0	10.4	
0-90	326	11.6	13.4	
90-120	749	26.8	30.9	
90-130	1126	40.2	46.5	
90-150	1714	61.2	70.7	
90-180	2097	74.9	86.6	
0-180	2423	86.5	100.0	

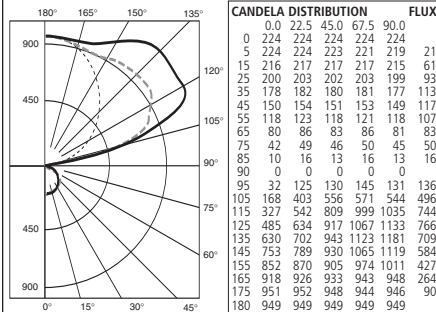
S10: A12 - OPEN - 2 T8 - EP

(ITL REPORT 50841)



85% Uplight
15% Downlight

EFFICIENCY = 87.1%



ZONAL LUMEN SUMMARY				
ZONE	LUMENS	%LAMP	%FIXT	
0-30	176	3.1	3.6	
0-40	288	5.1	5.9	
0-60	513	9.2	10.5	
0-90	662	11.8	13.6	
90-120	1376	24.6	28.2	
90-130	2142	38.3	43.9	
90-150	3435	61.3	70.4	
90-180	4216	75.3	86.4	
0-180	4878	87.1	100.0	

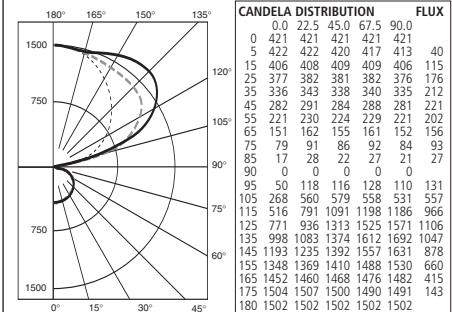
S10: A12 - OPEN - 3 T8 - EP

(ITL REPORT 50842)



80% Uplight
20% Downlight

EFFICIENCY = 85.1%



ZONAL LUMEN SUMMARY				
ZONE	LUMENS	%LAMP	%FIXT	
0-30	331	3.9	4.6	
0-40	543	6.5	7.6	
0-60	966	11.5	13.5	
0-90	1243	14.8	17.4	
90-120	1654	19.7	23.1	
90-130	2760	32.9	38.6	
90-150	4685	55.8	65.6	
90-180	5904	70.3	82.6	
0-180	7146	85.1	100.0	

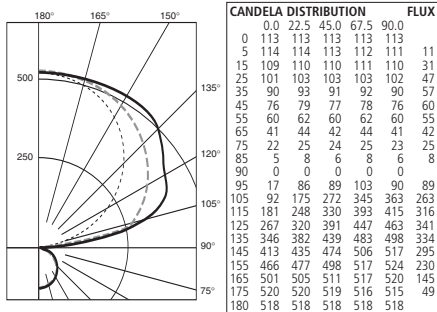
S10: A12 - OPEN - 1 T8 - 91W

(ITL REPORT 50796)



85% Uplight
15% Downlight

EFFICIENCY = 85.6%



ZONAL LUMEN SUMMARY				
ZONE	LUMENS	%LAMP	%FIXT	
0-30	89	3.2	3.7	
0-40	147	5.2	6.1	
0-60	261	9.3	10.9	
0-90	337	12.0	14.0	
90-120	668	23.9	27.9	
90-130	1008	36.0	42.1	
90-150	1637	58.5	68.3	
90-180	2060	73.6	86.0	
0-180	2397	85.6	100.0	

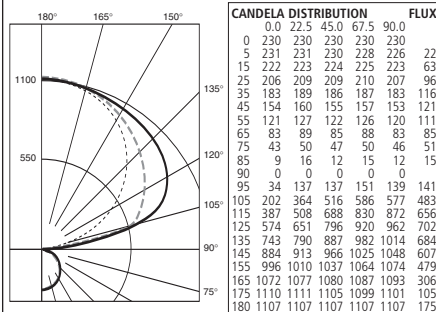
S10: A12 - OPEN - 2 T8 - 91W

(ITL REPORT 50797)



85% Uplight
15% Downlight

EFFICIENCY = 86.5%



ZONAL LUMEN SUMMARY				
ZONE	LUMENS	%LAMP	%FIXT	
0-30	181	3.2	3.7	
0-40	298	5.3	6.1	
0-60	529	9.4	10.9	
0-90	681	12.2	14.1	
90-120	1280	22.9	26.4	
90-130	1982	35.4	40.9	
90-150	3273	58.4	67.6	
90-180	4162	74.3	85.9	
0-180	4843	86.5	100.0	

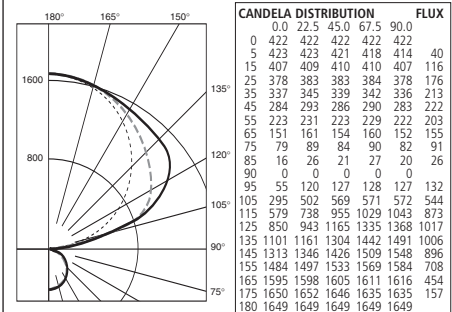
S10: A12 - OPEN - 3 T8 - 91W

(ITL REPORT 50798)



80% Uplight
20% Downlight

EFFICIENCY = 83.7%



ZONAL LUMEN SUMMARY				
ZONE	LUMENS	%LAMP	%FIXT	
0-30	332	3.9	4.7	
0-40	545	6.5	7.8	
0-60	970	11.5	13.8	
0-90	1242	14.8	17.7	
90-120	1549	18.4	22.0	
90-130	2566	30.5	36.5	
90-150	4468	53.2	63.6	
90-180	5786	68.9	82.3	
0-180	7029	83.7	100.0	

Product Photometry and ies files are also available online at www.finelite.com.
For layouts or additional photometry, contact your local representative or the factory.

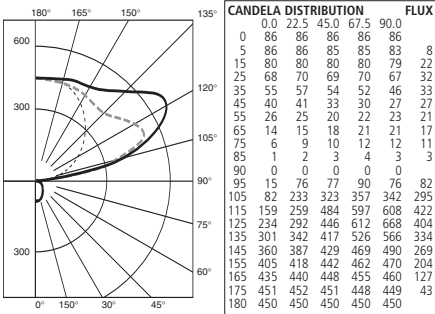
S10: PS - OPEN - 1 T8 - EP

(ITL REPORT 50837)



90% Uplight
10% Downlight

EFFICIENCY = 84.1%



ZONAL LUMEN SUMMARY				
ZONE	LUMENS	%LAMP	%FIXT	
0-30	62	2.2	2.6	
0-40	96	3.4	4.1	
0-60	143	5.1	6.1	
0-90	174	6.2	7.4	
90-120	799	28.5	33.9	
90-130	1203	43.0	51.1	
90-150	1805	64.5	76.7	
90-180	2179	77.8	92.6	
0-180	2354	84.1	100.0	

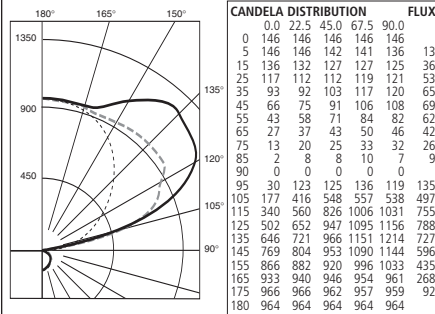
S10: PS - OPEN - 2 T8 - EP

(ITL REPORT 50838)



90% Uplight
10% Downlight

EFFICIENCY = 83.4%



ZONAL LUMEN SUMMARY				
ZONE	LUMENS	%LAMP	%FIXT	
0-30	103	1.8	2.2	
0-40	168	3.0	3.6	
0-60	299	5.3	6.4	
0-90	376	6.7	8.1	
90-120	1386	24.8	29.7	
90-130	2174	38.8	46.6	
90-150	3498	62.5	74.9	
90-180	4293	76.7	91.9	
0-180	4669	83.4	100.0	

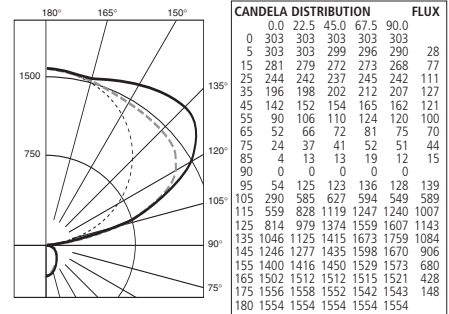
S10: PS - OPEN - 3 T8 - EP

(ITL REPORT 50839)



90% Uplight
10% Downlight

EFFICIENCY = 81.2%



ZONAL LUMEN SUMMARY				
ZONE	LUMENS	%LAMP	%FIXT	
0-30	217	2.6	3.2	
0-40	344	4.1	5.0	
0-60	564	6.7	8.3	
0-90	693	8.3	10.2	
90-120	1735	20.7	25.4	
90-130	2877	34.3	42.6	
90-150	4867	57.9	71.4	
90-180	6123	72.9	89.8	
0-180	6817	81.2	100.0	

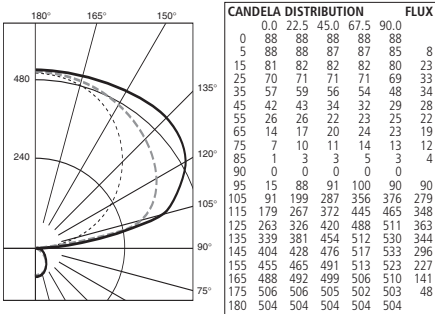
S10: PS - OPEN - 1 T8 - 91W

(ITL REPORT 50823)



90% Uplight
10% Downlight

EFFICIENCY = 82.8%



ZONAL LUMEN SUMMARY				
ZONE	LUMENS	%LAMP	%FIXT	
0-30	64	2.3	2.5	
0-40	98	3.5	4.2	
0-60	148	5.3	6.4	
0-90	183	6.5	7.9	
90-120	716	25.6	30.9	
90-130	1079	38.6	46.6	
90-150	1720	61.4	74.2	
90-180	2136	76.3	92.1	
0-180	2319	82.8	100.0	

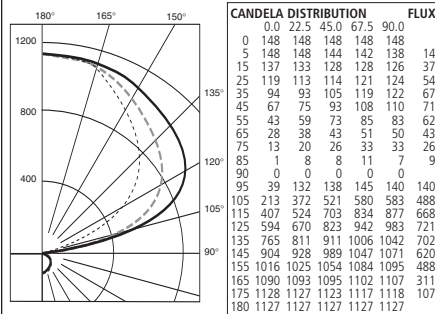
S10: PS - OPEN - 2 T8 - 91W

(ITL REPORT 50824)



90% Uplight
10% Downlight

EFFICIENCY = 82.6%



ZONAL LUMEN SUMMARY				
ZONE	LUMENS	%LAMP	%FIXT	
0-30	104	1.9	2.3	
0-40	171	3.1	3.7	
0-60	304	5.4	6.6	
0-90	382	6.8	8.3	
90-120	1296	23.1	28.0	
90-130	2018	36.0	43.6	
90-150	3340	59.6	72.2	
90-180	4245	75.8	91.7	
0-180	4627	82.6	100.0	

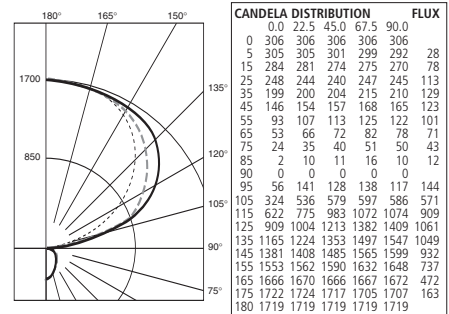
S10: PS - OPEN - 3 T8 - 91W

(ITL REPORT 50825)



90% Uplight
10% Downlight

EFFICIENCY = 80.2%



ZONAL LUMEN SUMMARY				
ZONE	LUMENS	%LAMP	%FIXT	
0-30	219	2.6	3.3	
0-40	348	4.1	5.2	
0-60	572	6.8	8.5	
0-90	698	8.3	10.4	
90-120	1624	19.3	24.1	
90-130	2685	32	39.9	
90-150	4666	55.5	69.3	
90-180	6038	71.9	89.6	
0-180	6736	80.2	100.0	

Product Photometry and ies files are also available online at www.finelite.com.
For layouts or additional photometry, contact your local representative or the factory.

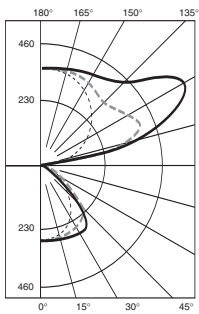
S10: WCB - OPEN - 1 T8 - EP



(ITL REPORT 50843)

70% Uplight
30% Downlight

EFFICIENCY = 90.1%



CANDELA DISTRIBUTION		FLUX		
0.0	22.5	45.0	67.5	90.0
0	281	281	281	281
5	279	281	280	279
15	254	261	271	283
25	221	234	256	283
35	180	201	235	282
45	136	162	209	210
55	92	120	111	79
65	50	65	49	55
75	26	31	30	39
85	6	9	8	11
90	0	0	0	0
95	18	77	86	97
105	76	200	315	352
115	142	205	410	528
125	197	236	355	501
135	248	276	328	405
145	289	308	337	363
155	320	330	347	358
165	341	343	349	355
175	349	349	347	348
180	348	348	348	348



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	222	7.9	8.8
0-40	373	13.3	14.8
0-60	602	21.5	23.9
0-90	702	25.1	27.8
90-120	729	26.0	28.9
90-130	1056	37.7	41.8
90-150	1529	54.6	60.6
90-180	1820	65.0	72.2
0-180	2523	90.1	100.0

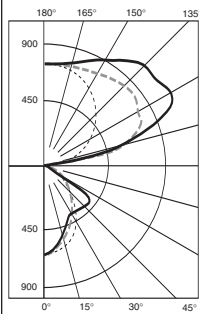
S10: WCB - OPEN - 2 T8 - EP



(ITL REPORT 50844)

75% Uplight
25% Downlight

EFFICIENCY = 88.4%



CANDELA DISTRIBUTION		FLUX		
0.0	22.5	45.0	67.5	90.0
0	621	621	621	621
5	615	616	608	605
15	561	553	525	508
25	485	462	411	389
35	396	357	302	339
45	299	253	263	331
55	197	167	222	316
65	97	104	142	146
75	49	50	51	56
85	11	14	14	15
90	0	0	0	0
95	37	127	136	154
105	147	367	535	552
115	277	484	741	936
125	398	548	815	954
135	507	588	811	972
145	601	642	778	898
155	673	692	730	795
165	719	724	734	745
175	740	741	736	732
180	738	738	738	738



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	401	7.2	8.1
0-40	618	11.0	12.5
0-60	1064	19.0	21.5
0-90	1262	22.5	25.5
90-120	1298	23.2	26.2
90-130	1975	35.3	39.9
90-150	3067	54.8	61.9
90-180	3690	65.9	74.5
0-180	4952	88.4	100.0

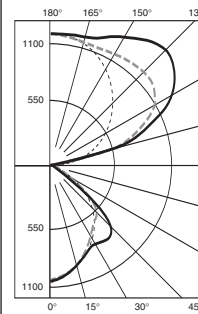
S10: WCB - OPEN - 3 T8 - EP



(ITL REPORT 50845)

70% Uplight
30% Downlight

EFFICIENCY = 88.4%



CANDELA DISTRIBUTION		FLUX		
0.0	22.5	45.0	67.5	90.0
0	1059	1059	1059	1059
5	1049	1050	1044	1039
15	960	956	945	945
25	835	825	807	824
35	686	669	667	761
45	518	507	583	636
55	346	349	401	442
65	178	197	216	211
75	89	94	97	108
85	19	24	23	27
90	0	0	0	0
95	44	115	113	126
105	221	508	566	539
115	423	686	995	1130
125	614	801	1152	1349
135	788	895	1178	1395
145	939	1002	1169	1321
155	1058	1090	1144	1223
165	1135	1144	1163	1178
175	1170	1172	1167	1161
180	1168	1168	1168	1168



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	746	8.9	10.1
0-40	1193	14.2	16.1
0-60	1997	23.8	26.9
0-90	2334	27.8	31.4
90-120	1532	18.2	20.6
90-130	2495	29.7	33.6
90-150	4114	49.0	55.4
90-180	5088	60.6	68.6
0-180	7422	88.4	100.0

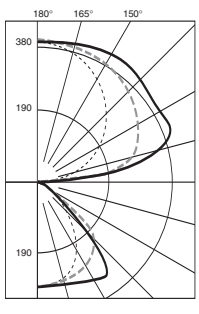
S10: WCB - OPEN - 1 T8 - 91W



(ITL REPORT 50799)

70% Uplight
30% Downlight

EFFICIENCY = 89.4%



CANDELA DISTRIBUTION		FLUX		
0.0	22.5	45.0	67.5	90.0
0	287	287	287	287
5	285	286	285	284
15	260	266	276	287
25	226	239	261	288
35	186	205	241	288
45	141	166	215	217
55	96	124	117	82
65	54	68	52	58
75	28	32	32	40
85	6	9	8	11
90	0	0	0	0
95	17	96	91	124
105	83	168	265	343
115	158	219	304	377
125	222	267	334	387
135	278	310	362	402
145	326	345	377	406
155	361	370	387	401
165	382	386	390	394
175	392	392	392	390
180	392	392	392	392



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	227	8.1	9.1
0-40	381	13.6	15.2
0-60	619	22.1	24.7
0-90	724	25.9	28.9
90-120	652	23.3	26.0
90-130	943	33.7	37.7
90-150	1453	51.9	58.0
90-180	1779	63.5	71.1
0-180	2503	89.4	100.0

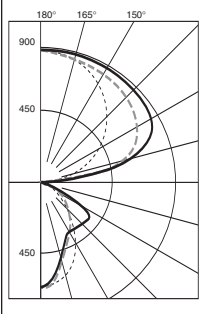
S10: WCB - OPEN - 2 T8 - 91W



(ITL REPORT 50800)

75% Uplight
25% Downlight

EFFICIENCY = 87.4%



CANDELA DISTRIBUTION		FLUX		
0.0	22.5	45.0	67.5	90.0
0	618	618	618	618
5	613	612	606	603
15	559	551	522	506
25	486	461	409	387
35	397	357	303	342
45	302	254	267	334
55	199	169	225	319
65	100	107	144	151
75	49	51	52	58
85	10	14	14	16
90	0	0	0	0
95	35	131	133	147
105	172	330	491	560
115	332	452	626	765
125	474	560	700	818
135	606	667	758	844
145	718	760	811	861
155	802	825	855	878
165	857	865	877	885
175	884	884	881	879
180	882	882	882	882



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	400	7.1	8.2
0-40	618	11.0	12.6
0-60	1070	19.1	21.9
0-90	1275	22.8	26.1
90-120	1188	21.2	24.3
90-130	1803	32.2	36.8
90-150	2892	51.6	59.1
90-180	3617	64.6	73.9
0-180	4892	87.4	100.0

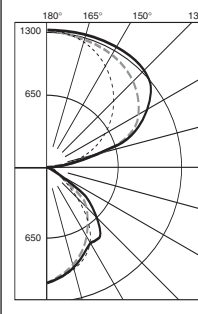
S10: WCB - OPEN - 3 T8 - 91W



(ITL REPORT 50801)

70% Uplight
30% Downlight

EFFICIENCY = 88.5%



CANDELA DISTRIBUTION		FLUX		
0.0	22.5	45.0	67.5	90.0
0	1072	1072	1072	1072
5	1067	1064	1056	1051
15	974	968	951	952
25	848	833	814	832
35	700	678	674	769
45	534	514	590	645
55	359	360	411	451
65	182	205	224	219
75	92	98	101	112
85	23	28	27	32
90	0	0	0	0
95	47	130	123	137
105	250	465	537	559
115	482	655	875	967
125	704	825	1038	1204
135	901	984	1143	1272
145	1071	1119	1209	1302
155	1199	1221	1270	1310
165	1285	1288	1301	1315
175	1326	1326	1318	1311
180	1322	1322	1322	1322



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	753	9.0	10.1
0-40	1206	14.4	16.2
0-60	2026	24.1	27.2
0-90	2379	28.3	32.0
90-120	1448	17.2	19.5
90-130	2349	28.0	31.6
90-150	3978	47.4	53.5
90-180	5057	60.2	68.0
0-180	7436	88.5	100.0

Product Photometry and ies files are also available online at www.finelite.com.
For layouts or additional photometry, contact your local representative or the factory.

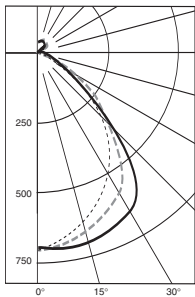
S10: WCB - CCO - 1 T8 - 91W



(ITL REPORT 50802)

10% Uplight
90% Downlight

EFFICIENCY = 62.3%



CANDELA DISTRIBUTION		FLUX				
0.0	22.5	45.0	67.5	90.0		
0	689	689	689	689		
5	688	686	687	684	683	65
15	628	638	661	683	695	187
25	550	572	617	661	684	284
35	454	488	541	590	621	336
45	345	389	430	415	410	310
55	230	270	252	208	192	210
65	111	130	110	77	63	105
75	57	60	55	54	52	59
85	15	16	14	16	15	17
90	0	0	0	0	0	0
95	5	2	1	1	1	3
105	26	28	9	8	6	17
115	45	36	35	23	17	31
125	46	44	34	28	21	31
135	44	46	39	30	25	29
145	41	44	48	41	35	27
155	37	39	43	44	45	19
165	31	31	36	36	38	10
175	27	27	27	27	28	3
180	27	27	27	27	27	0



ZONAL LUMEN SUMMARY				
ZONE	LUMENS	%LAMP	%FIXT	
0-30	536	19.1	30.8	
0-40	872	31.2	50.1	
0-60	1393	49.7	79.9	
0-90	1574	56.2	90.3	
90-120	50	1.8	2.9	
90-130	82	2.9	4.7	
90-150	137	4.9	7.9	
90-180	169	6.0	9.7	
0-180	1743	62.3	100.0	

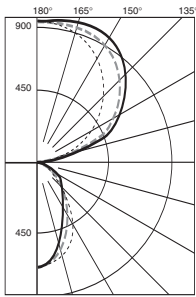
S10: WCB - CCO - 2 T8 - 91W



(ITL REPORT 50803)

75% Uplight
25% Downlight

EFFICIENCY = 79.4%



CANDELA DISTRIBUTION		FLUX				
0.0	22.5	45.0	67.5	90.0		
0	665	665	665	665		
5	658	657	653	651	646	62
15	598	592	566	550	539	160
25	516	493	439	417	409	209
35	418	377	317	319	322	217
45	310	262	232	247	264	199
55	200	164	164	190	211	162
65	87	87	103	135	129	106
75	42	44	45	49	49	49
85	10	12	12	13	12	14
90	0	2	5	5	6	6
95	30	7	65	69	62	75
105	162	266	309	310	298	294
115	321	423	481	541	558	465
125	475	580	626	666	677	548
135	621	712	762	791	798	574
145	745	811	875	899	902	533
155	845	882	930	964	975	425
165	909	923	946	964	973	267
175	943	944	942	938	941	90
180	941	941	941	941	941	0



ZONAL LUMEN SUMMARY				
ZONE	LUMENS	%LAMP	%FIXT	
0-30	430	7.7	9.7	
0-40	647	11.6	14.5	
0-60	1008	18.0	22.7	
0-90	1176	21.0	26.4	
90-120	833	14.9	18.7	
90-130	1381	24.7	31.1	
90-150	2489	44.4	56.0	
90-180	3271	58.4	73.6	
0-180	4448	79.4	100.0	

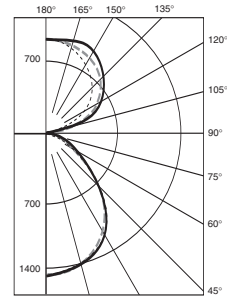
S10: WCB - CCO - 3 T8 - 91W



(ITL REPORT 50804)

55% Uplight
45% Downlight

EFFICIENCY = 73.8%

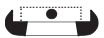


CANDELA DISTRIBUTION		FLUX				
0.0	22.5	45.0	67.5	90.0		
0	1464	1464	1464	1464		
5	1454	1454	1451	1444	1439	137
15	1326	1330	1320	1320	1320	373
25	1146	1143	1124	1146	1162	527
35	941	925	911	949	986	586
45	704	694	690	683	683	532
55	461	458	429	397	391	382
65	208	230	215	210	195	216
75	104	110	107	110	109	115
85	25	30	28	30	29	32
90	0	3	3	4	4	4
95	31	76	66	73	67	77
105	169	276	316	326	309	304
115	328	426	498	554	565	476
125	487	582	634	678	688	555
135	633	711	760	793	799	576
145	756	810	872	895	896	533
155	855	884	928	960	971	425
165	920	929	947	963	971	267
175	949	949	947	943	945	90
180	948	948	948	948	948	0



ZONAL LUMEN SUMMARY				
ZONE	LUMENS	%LAMP	%FIXT	
0-30	1037	12.3	16.7	
0-40	1623	19.3	26.2	
0-60	2537	30.2	40.9	
0-90	2900	34.5	46.8	
90-120	857	10.2	13.8	
90-130	1411	16.8	22.8	
90-150	2520	30.0	40.6	
90-180	3303	39.3	53.2	
0-180	6202	73.8	100.0	

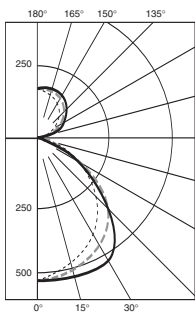
S10: WCB - STO - 1 T8 - 91W



(ITL REPORT 50805)

30% Uplight
70% Downlight

EFFICIENCY = 66.3%



CANDELA DISTRIBUTION		FLUX				
0.0	22.5	45.0	67.5	90.0		
0	526	526	526	526		
5	525	526	527	526	526	50
15	484	492	506	524	533	144
25	429	444	477	515	536	222
35	359	385	431	472	494	268
45	280	314	348	345	343	254
55	195	232	214	187	180	185
65	103	120	111	123	130	117
75	51	55	56	64	66	62
85	11	14	13	16	15	16
90	0	1	2	2	3	3
95	3	8	12	23	20	16
105	21	33	36	54	62	43
115	47	60	61	67	65	62
125	79	92	102	111	105	88
135	107	118	132	142	140	99
145	132	139	150	160	162	93
155	150	153	159	167	169	74
165	161	162	164	167	168	46
175	166	166	166	165	164	16
180	166	166	166	166	166	0



ZONAL LUMEN SUMMARY				
ZONE	LUMENS	%LAMP	%FIXT	
0-30	416	4.8	22.4	
0-40	684	24.4	36.9	
0-60	1123	40.1	60.5	
0-90	1318	47.1	71.1	
90-120	120	4.3	6.5	
90-130	208	7.4	11.2	
90-150	401	14.3	21.6	
90-180	537	19.2	28.9	
0-180	1855	66.3	100.0	

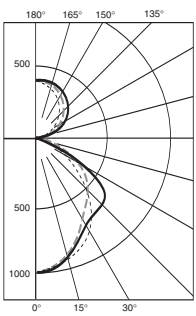
S10: WCB - STO - 2 T8 - 91W



(ITL REPORT 50806)

35% Uplight
65% Downlight

EFFICIENCY = 63.1%



CANDELA DISTRIBUTION		FLUX				
0.0	22.5	45.0	67.5	90.0		
0	996	996	996	996		
5	989	988	982	977	972	93
15	910	905	881	875	871	250
25	801	783	750	753	758	353
35	669	639	617	682	730	414
45	516	488	529	635	704	437
55	355	345	421	519	576	388
65	181	194	236	249	249	224
75	88	90	90	97	98	99
85	19	22	20	23	23	25
90	0	1	3	6	7	7
95	7	17	25	34	33	28
105	50	73	91	113	120	96
115	105	135	155	184	195	156
125	177	202	239	264	267	208
135	248	267	300	328	331	228
145	306	316	344	362	368	213
155	354	360	375	387	392	172
165	389	391	393	397	400	111
175	405	407	406	404	404	39
180	405	405	405	405	405	0



ZONAL LUMEN SUMMARY				
ZONE	LUMENS	%LAMP	%FIXT	
0-30	697	12.4	19.7	
0-40	1110	19.8	31.4	
0-60	1935	34.6	54.8	
0-90	2282	40.8	64.6	
90-120	280	5.0	7.9	
90-130	488	8.7	13.8	
90-150	928	16.6	26.3	
90-180	1251	22.3	35.4	
0-180	3533	63.1	100.0	

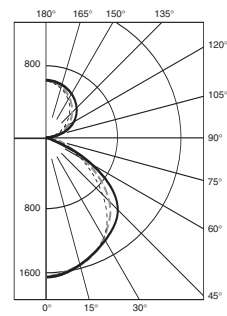
S10: WCB - STO - 3 T8 - 91W



(ITL REPORT 50807)

30% Uplight
70% Downlight

EFFICIENCY = 64.9%



CANDELA DISTRIBUTION		FLUX				
0.0	22.5	45.0	67.5	90.0		
0	1655	1655	1655	1655		
5	1648	1646	1638	1630	1625	155
15	1515	1517	1514	1522	1530	429
25	1328	1327	1333	1377	1409	624
35	1103	1101	1130	1221	1282	726
45	850	856	909	956	996	704
55	577	596	610	662	705	561
65	283	310	334	333	320	322
75	140	147	146	15		

Product Photometry and ies files are also available online at www.finelite.com.
 For layouts or additional photometry, contact your local representative or the factory.

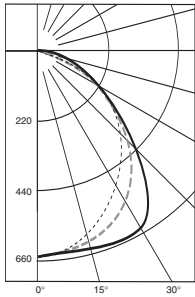
S10: WCB - TDO - 1 T8 - 91W

(ITL REPORT 50808)



100% Downlight

EFFICIENCY = 57.2%



CANDELA DISTRIBUTION		FLUX
0	0.0	22.5
0	648	648
5	644	646
15	595	603
35	435	543
45	339	378
55	234	272
65	124	139
75	62	66
85	14	16
90	0	0

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	507	18.1	31.7
0-40	828	29.6	51.7
0-60	1361	48.6	85.0
0-90	1601	57.2	100.0
90-180	0	0.0	0.0
0-180	1601	57.2	100.0

Legend:
 0-deg. ---
 45-deg. - - -
 90-deg. ———

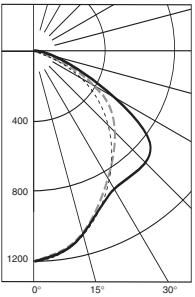
S10: WCB - TDO - 2 T8 - 91W

(ITL REPORT 50809)



100% Downlight

EFFICIENCY = 50.1%



CANDELA DISTRIBUTION		FLUX
0	0.0	22.5
0	1190	1190
5	1181	1182
15	1088	1085
25	959	945
35	795	778
45	617	598
55	424	423
65	219	245
75	109	114
85	27	30
90	0	0

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	846	15.1	30.2
0-40	1357	24.2	48.4
0-60	2368	42.3	84.5
0-90	2803	50.1	100.0
90-180	0	0.0	0.0
0-180	2803	50.1	100.0

Legend:
 0-deg. ---
 45-deg. - - -
 90-deg. ———

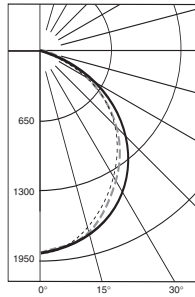
S10: WCB - TDO - 3 T8 - 91W

(ITL REPORT 50810)



100% Downlight

EFFICIENCY = 51.0%



CANDELA DISTRIBUTION		FLUX
0	0.0	22.5
0	1900	1900
5	1888	1890
15	1735	1747
25	1520	1530
35	1262	1273
45	969	992
55	656	688
65	322	354
75	163	167
85	40	44
90	0	0

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	1399	16.7	32.6
0-40	2239	26.7	52.2
0-60	3687	43.9	86.0
0-90	4286	51.0	100.0
90-180	0	0.0	0.0
0-180	4286	51.0	100.0

Legend:
 0-deg. ---
 45-deg. - - -
 90-deg. ———

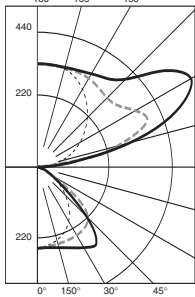
S10: PLV - OPEN - 1 T8 - EP

(ITL REPORT 50831)



70% Uplight
 30% Downlight

EFFICIENCY = 82.7%



CANDELA DISTRIBUTION		FLUX
0	0.0	22.5
0	273	273
5	272	271
15	247	252
25	213	225
35	172	193
45	127	155
55	81	110
65	34	48
75	13	15
85	2	3
90	0	0

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	218	7.8	9.4
0-40	368	13.1	15.9
0-60	597	21.3	25.8
0-90	660	23.6	28.5
90-120	664	23.7	28.7
90-130	958	34.2	41.4
90-150	1384	49.4	59.8
90-180	1656	59.1	71.5
0-180	2316	82.7	100.0

Legend:
 0-deg. ---
 45-deg. - - -
 90-deg. ———

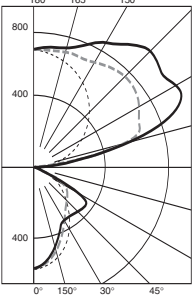
S10: PLV - OPEN - 2 T8 - EP

(ITL REPORT 50832)



75% Uplight
 25% Downlight

EFFICIENCY = 80.7%



CANDELA DISTRIBUTION		FLUX
0	0.0	22.5
0	574	574
5	569	568
15	519	509
25	449	422
35	367	325
45	273	225
55	170	138
65	69	74
75	25	26
85	5	6
90	0	0

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	371	6.6	8.2
0-40	574	10.3	12.7
0-60	988	17.6	21.9
0-90	1130	20.2	25.0
90-120	1182	21.1	26.1
90-130	1795	32.1	39.7
90-150	2805	50.1	62.0
90-180	3391	60.6	75.0
0-180	4521	80.7	100.0

Legend:
 0-deg. ---
 45-deg. - - -
 90-deg. ———

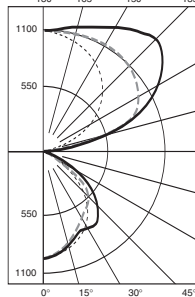
S10: PLV - OPEN - 3 T8 - EP

(ITL REPORT 50833)



70% Uplight
 30% Downlight

EFFICIENCY = 81.8%



CANDELA DISTRIBUTION		FLUX
0	0.0	22.5
0	988	988
5	978	980
15	894	892
25	779	768
35	639	619
45	479	461
55	302	304
65	119	141
75	46	47
85	7	9
90	0	0

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	698	8.3	10.2
0-40	1119	13.3	16.3
0-60	1858	22.1	27.1
0-90	2076	24.7	30.2
90-120	1457	17.3	21.2
90-130	2351	28.0	34.2
90-150	3869	46.1	56.3
90-180	4793	57.1	69.8
0-180	6869	81.8	100.0

Legend:
 0-deg. ---
 45-deg. - - -
 90-deg. ———

© 2007 FINELITE, INC. ALL RIGHTS RESERVED. Form CP0028 0507

Product Photometry and ies files are also available online at www.finelite.com.
For layouts or additional photometry, contact your local representative or the factory.

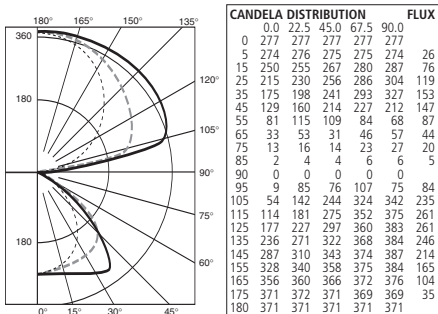
S10: PLV - OPEN - 1 T8 - 91W



(ITL REPORT 50811)

70% Uplight
30% Downlight

EFFICIENCY = 81.5%



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	221	7.9	9.7
0-40	375	13.4	16.4
0-60	609	21.8	26.7
0-90	678	24.2	29.7
90-120	580	20.7	25.4
90-130	841	30.0	36.8
90-150	1300	46.4	57.0
90-180	1605	57.3	70.3
0-180	2283	81.5	100.0

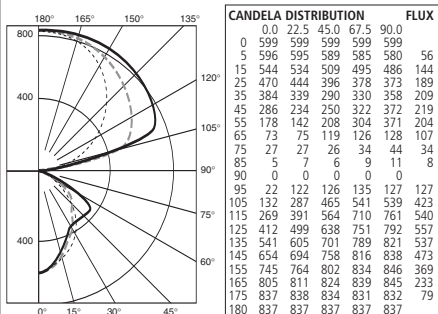
S10: PLV - OPEN - 2 T8 - 91W



(ITL REPORT 50812)

75% Uplight
25% Downlight

EFFICIENCY = 80.5%



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	388	6.9	8.6
0-40	597	10.7	13.3
0-60	1021	18.2	22.6
0-90	1169	20.9	25.9
90-120	1090	19.5	24.2
90-130	1647	29.4	36.5
90-150	2656	47.4	58.9
90-180	3338	59.6	74.1
0-180	4508	80.5	100.0

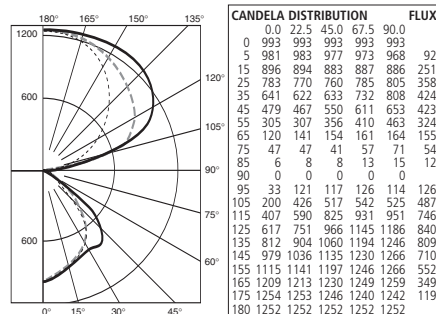
S10: PLV - OPEN - 3 T8 - 91W



(ITL REPORT 50813)

70% Uplight
30% Downlight

EFFICIENCY = 81.3%



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	701	8.3	10.3
0-40	1126	13.4	16.5
0-60	1873	22.3	27.4
0-90	2093	24.9	30.6
90-120	1359	16.2	19.9
90-130	2198	26.2	32.2
90-150	3717	44.3	54.4
90-180	4736	56.4	69.4
0-180	6829	81.3	100.0

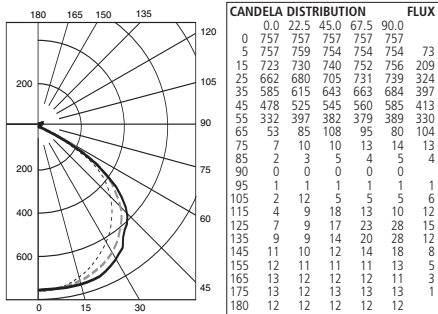
S10: PLV - CCO - 1 T8 - EP



(LSI REPORT 17716)

3% Uplight
97% Downlight

EFFICIENCY = 62.3%



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	605	19.6	31.4
0-40	1003	32.4	52.0
0-60	1746	56.3	90.4
0-90	1430	51.1	96.5
40-90	863	27.9	44.7
60-90	120	3.9	6.2
90-180	64	2.1	3.4
0-180	1931	62.3	100.0

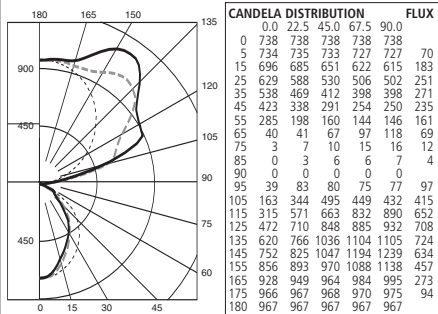
S10: PLV - CCO - 2 T8 - EP



(LSI REPORT 17717)

76% Uplight
24% Downlight

EFFICIENCY = 85.7%



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	504	8.1	9.5
0-40	775	12.5	14.6
0-60	1170	18.9	22.0
0-90	1256	20.3	23.7
40-90	481	7.8	9.1
60-90	86	1.4	1.6
90-180	4054	65.4	76.3
0-180	5310	85.7	100.0

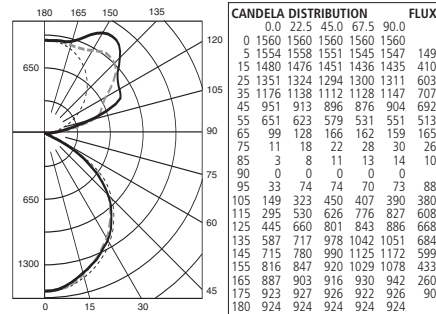
S10: PLV - CCO - 3 T8 - EP



(LSI REPORT 17718)

54% Uplight
46% Downlight

EFFICIENCY = 76.2%



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	1161	12.5	16.4
0-40	1868	20.1	26.4
0-60	3073	33.1	43.4
0-90	3274	35.2	46.2
40-90	1405	15.1	19.8
60-90	200	2.2	2.8
90-180	3808	41.0	53.8
0-180	7083	76.2	100.0

Product Photometry and ies files are also available online at www.finelite.com.
For layouts or additional photometry, contact your local representative or the factory.

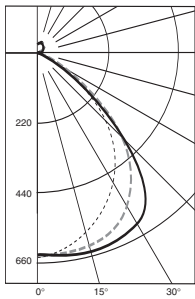
S10: PLV - CCO - 1 T8 - 91W



(ITL REPORT 50814)

5% Uplight
95% Downlight

EFFICIENCY = 53.5%



CANDELA DISTRIBUTION					FLUX
0.0	22.5	45.0	67.5	90.0	
0	645	645	645	645	645
5	644	641	642	640	61
15	592	599	621	640	175
25	520	542	581	620	267
35	432	466	510	553	318
45	330	372	400	386	390
55	212	250	215	183	184
65	83	102	66	54	58
75	32	31	21	30	37
85	6	6	6	8	9
90	0	0	0	0	0
95	2	1	1	1	1
105	6	12	4	3	2
115	9	14	14	11	10
125	13	17	16	16	13
135	15	19	19	18	14
145	17	20	22	21	13
155	18	21	24	25	11
165	19	20	23	24	6
175	19	19	20	20	2
180	20	20	20	20	2



ZONAL LUMEN SUMMARY				
ZONE	LUMENS	%LAMP	%FIXT	
0-30	504	18.0	33.7	
0-40	822	29.4	54.9	
0-60	1304	46.6	87.1	
0-90	1418	50.6	94.7	
90-120	20	0.7	1.3	
90-130	34	1.2	2.3	
90-150	61	2.2	4.1	
90-180	79	2.8	5.3	
0-180	1497	53.5	100.0	

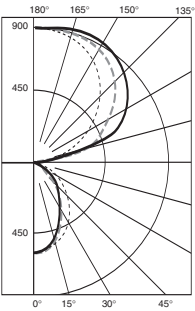
S10: PLV - CCO - 2 T8 - 91W



(ITL REPORT 50815)

75% Uplight
25% Downlight

EFFICIENCY = 73.6%



CANDELA DISTRIBUTION					FLUX
0.0	22.5	45.0	67.5	90.0	
0	619	619	619	619	619
5	612	613	609	606	603
15	559	554	526	510	500
25	485	461	402	380	372
35	395	348	280	278	280
45	293	232	188	196	210
55	183	129	116	132	147
65	68	50	58	82	89
75	24	18	15	17	19
85	2	3	2	3	4
90	0	0	0	0	0
90	2	6	6	6	6
105	142	253	309	313	303
115	287	403	474	544	563
125	439	550	610	661	676
135	581	665	735	778	786
145	705	759	834	875	881
155	803	829	880	917	931
165	872	878	894	912	923
175	906	906	900	897	899
180	905	905	905	905	905



ZONAL LUMEN SUMMARY				
ZONE	LUMENS	%LAMP	%FIXT	
0-30	399	7.1	9.7	
0-40	594	10.6	14.4	
0-60	883	15.8	21.4	
0-90	970	17.3	23.5	
90-120	812	14.5	19.7	
90-130	1345	24.0	32.6	
90-150	2409	43.0	58.4	
90-180	3152	56.3	76.5	
0-180	4122	73.6	100.0	

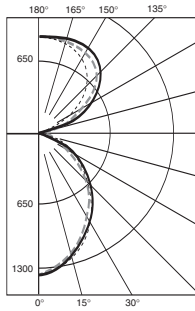
S10: PLV - CCO - 3 T8 - 91W



(ITL REPORT 50816)

55% Uplight
45% Downlight

EFFICIENCY = 67.7%



CANDELA DISTRIBUTION					FLUX
0.0	22.5	45.0	67.5	90.0	
0	1356	1356	1356	1356	1356
5	1344	1346	1342	1335	1333
15	1232	1236	1223	1223	1225
25	1078	1071	1044	1066	1079
35	891	866	841	881	919
45	672	646	626	621	636
55	425	406	355	336	349
65	166	167	134	141	149
75	61	53	39	50	61
85	10	11	10	14	16
90	0	2	3	2	2
95	24	69	63	68	59
105	147	252	309	313	303
115	296	399	466	532	549
125	451	550	599	644	658
135	590	668	722	759	767
145	712	762	829	857	861
155	808	837	880	916	928
165	875	887	899	914	922
175	909	912	909	904	906
180	907	907	907	907	907



ZONAL LUMEN SUMMARY				
ZONE	LUMENS	%LAMP	%FIXT	
0-30	963	11.5	16.9	
0-40	1508	18.0	26.5	
0-60	2331	27.8	41.0	
0-90	2551	30.4	44.0	
90-120	809	9.6	14.2	
90-130	1334	15.9	23.5	
90-150	2387	28.4	42.0	
90-180	3132	37.3	55.1	
0-180	5684	67.7	100.0	

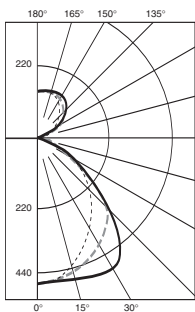
S10: PLV - STO - 1 T8 - 91W



(ITL REPORT 50817)

30% Uplight
70% Downlight

EFFICIENCY = 56.4%



CANDELA DISTRIBUTION					FLUX
0.0	22.5	45.0	67.5	90.0	
0	463	463	463	463	463
5	461	461	462	461	461
15	425	432	450	468	477
25	376	393	430	471	493
35	312	342	393	439	465
45	239	277	314	318	323
55	154	192	177	158	164
65	64	78	68	84	98
75	24	25	23	32	39
85	4	4	6	8	9
90	0	1	2	2	3
95	2	7	11	21	19
105	17	27	30	47	56
115	41	53	51	56	55
125	66	79	86	95	91
135	91	102	114	124	123
145	113	121	132	141	143
155	131	135	143	150	152
165	144	146	148	152	153
175	151	152	151	150	150
180	151	151	151	151	151



ZONAL LUMEN SUMMARY				
ZONE	LUMENS	%LAMP	%FIXT	
0-30	370	13.2	23.4	
0-40	614	21.9	38.8	
0-60	997	35.6	63.1	
0-90	1112	39.7	70.4	
90-120	103	3.7	6.5	
90-130	178	6.4	11.3	
90-150	346	12.4	21.9	
90-180	468	16.7	29.6	
0-180	1580	56.4	100.0	

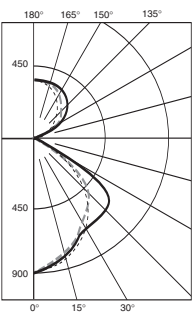
S10: PLV - STO - 2 T8 - 91W



(ITL REPORT 50818)

35% Uplight
65% Downlight

EFFICIENCY = 54.8%



CANDELA DISTRIBUTION					FLUX
0.0	22.5	45.0	67.5	90.0	
0	894	894	894	894	894
5	887	886	883	880	874
15	817	814	795	790	786
25	723	703	676	680	690
35	602	574	554	619	668
45	457	434	477	584	659
55	300	289	378	476	538
65	125	145	184	197	206
75	49	49	43	54	67
85	8	8	9	13	15
90	0	1	2	5	4
95	5	16	20	32	29
105	37	63	79	104	103
115	86	114	131	166	174
125	144	173	198	229	229
135	205	228	253	282	283
145	258	275	297	318	321
155	305	314	329	344	347
165	340	344	346	352	354
175	359	360	359	357	356
180	359	359	359	359	359



ZONAL LUMEN SUMMARY				
ZONE	LUMENS	%LAMP	%FIXT	
0-30	627	11.2	20.4	
0-40	1000	17.9	32.6	
0-60	1742	31.1	56.8	
0-90	1985	35.4	64.7	
90-120	243	4.3	7.9	
90-130	420	7.5	13.7	
90-150	799	14.3	26.0	
90-180	1082	19.3	35.3	
0-180	3067	54.8	100.0	

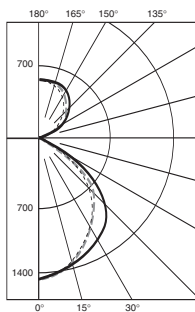
S10: PLV - STO - 3 T8 - 91W



(ITL REPORT 50819)

35% Uplight
65% Downlight

EFFICIENCY = 55.9%



CANDELA DISTRIBUTION					FLUX
0.0	22.5	45.0	67.5	90.0	
0	1462	1462	1462	1462	1462
5	1452	1453	1448	1441	1435
15	1333	1339	1338	1353	1361
25	1173	1175	1186	1243	1283
35	976	977	1017	1116	1184
45	745	757	814	862	920
55	478	503	510	570	635
65	186	209	216	228	222
75	71	69	56	72	88
85	9	11	11	17	19
90	0	2	4	6	7
95	6	19	23	38	33
105	54	80	95	123	120
115	124	157	169	207	212
125	216	252	281	321	318
135	309	342	374	414	415
145	394	418	448	478	482
155	468	481	500	520	524
165	521	527	529	539	542
175	551	553	549	547	546
180	551	551	551	551	551



ZONAL LUMEN SUMMARY				
ZONE	LUMENS	%LAMP	%FIXT	

Product Photometry and ies files are also available online at www.finelite.com.
 For layouts or additional photometry, contact your local representative or the factory.

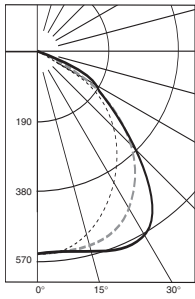
S10: PLV - TDO - 1 T8 - 91W

(ITL REPORT 50820)



100% Downlight

EFFICIENCY = 46.9%



CANDELA DISTRIBUTION				FLUX
0.0	22.5	45.0	67.5	90.0
0	545	545	545	545
5	542	543	544	545
15	498	508	529	551
25	438	458	504	552
35	365	399	462	510
45	277	324	360	380
55	178	223	210	217
65	74	92	89	113
75	29	29	27	37
85	4	5	5	8
90	0	0	0	0

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	436	15.6	33.2
0-40	719	25.7	54.8
0-60	1173	41.9	89.3
0-90	1313	46.9	100.0
90-180	0	0.0	0.0
0-180	1313	46.9	100.0

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

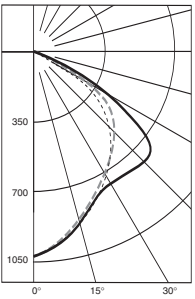
S10: PLV - TDO - 2 T8 - 91W

(ITL REPORT 50821)



100% Downlight

EFFICIENCY = 41.5%



CANDELA DISTRIBUTION				FLUX
0.0	22.5	45.0	67.5	90.0
0	1021	1021	1021	1021
5	1014	1014	1011	1007
15	929	933	920	921
25	819	810	794	813
35	682	665	665	745
45	519	505	571	703
55	339	339	449	555
65	140	165	213	229
75	52	53	48	59
85	9	9	9	14
90	0	0	0	0

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	730	13.0	31.4
0-40	1172	20.9	50.5
0-60	2044	36.5	88.0
0-90	2322	41.5	100.0
90-180	0	0.0	0.0
0-180	2322	41.5	100.0

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

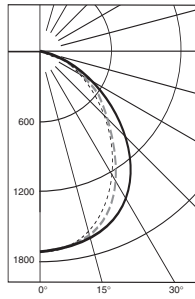
S10: PLV - TDO - 3 T8 - 91W

(ITL REPORT 50822)



100% Downlight

EFFICIENCY = 43.2%



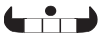
CANDELA DISTRIBUTION				FLUX
0.0	22.5	45.0	67.5	90.0
0	1687	1687	1687	1687
5	1671	1673	1672	1668
15	1534	1545	1556	1580
25	1350	1361	1391	1460
35	1123	1134	1198	1292
45	851	882	933	974
55	545	586	579	637
65	219	244	252	260
75	83	77	65	81
85	13	14	14	20
90	0	0	0	0

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	1250	14.9	34.5
0-40	2010	23.9	55.4
0-60	3270	38.9	90.1
0-90	3629	43.2	100.0
90-180	0	0.0	0.0
0-180	3629	43.2	100.0

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

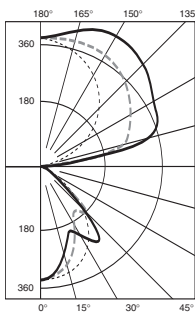
S10: CUB - OPEN - 1 T8 - 91W

(ITL REPORT 50826)



75% Uplight
25% Downlight

EFFICIENCY = 78.5%



CANDELA DISTRIBUTION				FLUX
0.0	22.5	45.0	67.5	90.0
0	344	344	344	344
5	345	345	341	338
15	322	321	296	282
25	284	269	209	202
35	231	194	174	222
45	163	135	185	199
55	8	29	31	20
65	0	2	2	2
75	0	1	2	2
85	0	0	0	1
90	0	0	0	0
95	9	86	79	105
105	53	149	244	326
115	112	196	287	354
125	175	244	322	388
135	234	288	351	402
145	286	324	373	412
155	327	350	382	409
165	356	366	381	399
175	371	373	375	375
180	371	371	371	371

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	221	7.0	10.0
0-40	354	12.0	16.0
0-60	511	18.0	23.0
0-90	515	18.0	23.0
90-120	591	21.0	26.0
90-130	870	31.0	39.0
90-150	1364	48.0	62.0
90-180	1682	60.0	76.0
0-180	2197	78.0	100.0

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

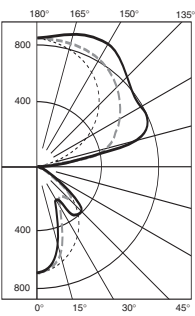
S10: CUB - OPEN - 2 T8 - 91W

(ITL REPORT 50827)



80% Uplight
20% Downlight

EFFICIENCY = 77.8%



CANDELA DISTRIBUTION				FLUX
0.0	22.5	45.0	67.5	90.0
0	697	697	697	697
5	698	697	689	682
15	655	642	603	566
25	582	539	401	313
35	481	375	235	257
45	349	215	273	376
55	12	46	76	45
65	3	5	5	5
75	1	3	3	4
85	0	1	1	1
90	0	0	0	0
95	23	125	132	141
105	131	283	475	541
115	267	403	562	732
125	407	518	647	750
135	537	629	731	815
145	649	717	795	860
155	738	780	838	879
165	799	817	846	869
175	830	832	834	832
180	829	829	829	829

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	426	7.0	9.0
0-40	628	11.0	14.0
0-60	928	16.0	21.0
0-90	936	16.0	21.0
90-120	1110	19.0	25.0
90-130	1675	29.0	38.0
90-150	2720	48.0	62.0
90-180	3421	61.0	78.0
0-180	4358	77.0	100.0

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

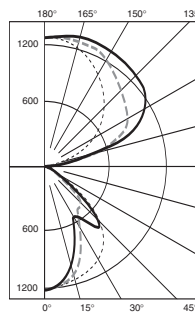
S10: CUB - OPEN - 3 T8 - 91W

(ITL REPORT 50828)



75% Uplight
25% Downlight

EFFICIENCY = 77.6%



CANDELA DISTRIBUTION				FLUX
0.0	22.5	45.0	67.5	90.0
0	1221	1221	1221	1221
5	1223	1216	1202	1187
15	1151	1125	1042	970
25	1028	942	724	633
35	855	667	508	592
45	625	429	518	586
55	20	76	115	59
65	2	6	7	7
75	0	3	4	6
85	0	1	2	3
90	0	0	0	0
95	37	131	129	144
105	206	437	540	563
115	412	589	838	959
125	618	762	970	1158
135	814	940	1064	1201
145	976	1089	1162	1242
155	1111	1180	1259	1290
165	1202	1233	1278	1310
175	1247	1252	1253	1252
180	1246	1246	1246	1246

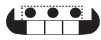
ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	763	9.0	11.0
0-40	1165	13.0	17.0
0-60	1666	19.0	25.0
0-90	1678	20.0	25.0
90-120	1397	16.0	21.0
90-130	2245	26.0	34.0
90-150	3788	45.0	58.0
90-180	4837	57.0	74.0
0-180	6515	77.0	100.0

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

Product Photometry and ies files are also available online at www.finelite.com.
For layouts or additional photometry, contact your local representative or the factory.

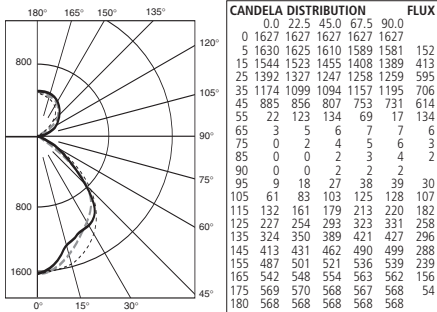
S10: CUB - STO - 3 T8 - 91W

(ITL REPORT 50829)



40% Uplight
60% Downlight

EFFICIENCY = 50.4%



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	1160	13.0	27.0
0-40	1867	22.0	44.0
0-60	2614	31.0	61.0
0-90	2625	31.0	62.0
90-120	319	3.0	7.0
90-130	576	6.0	13.0
90-150	1161	13.0	27.0
90-180	1611	19.0	38.0
0-180	4236	50.0	100.0



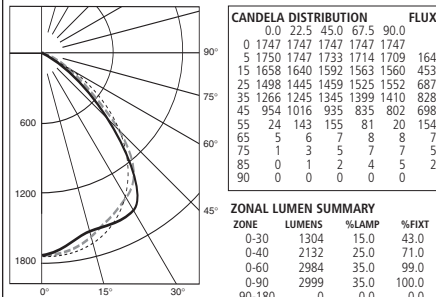
S10: CUB - TDO - 3 T8 - 91W

(ITL REPORT 50830)



100% Downlight

EFFICIENCY = 35.7%



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	1304	15.0	43.0
0-40	2132	25.0	71.0
0-60	2984	35.0	99.0
0-90	2999	35.0	100.0
90-180	0	0.0	0.0
0-180	2999	35.0	100.0



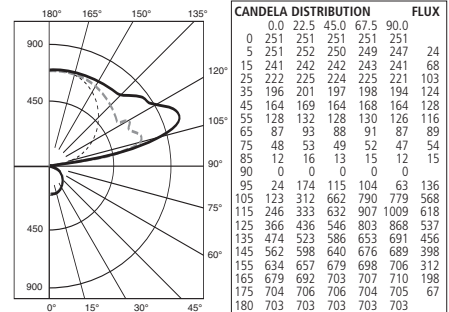
S10: A12 - OPEN - 1 T5HO - EP

(ITL REPORT 51176)



82% Uplight
18% Downlight

EFFICIENCY = 80.2%



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	195	3.0	4.0
0-40	319	6.0	8.0
0-60	563	11.0	14.0
0-90	721	14.0	18.0
90-120	1322	26.0	32.0
90-130	1859	37.0	46.0
90-150	2713	54.0	67.0
90-180	3291	65.0	82.0
0-180	4012	80.0	100.0



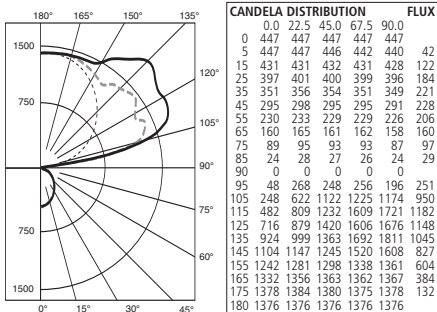
S10: A12 - OPEN - 2 T5HO - EP

(ITL REPORT 51177)



84% Uplight
16% Downlight

EFFICIENCY = 78.1%



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	348	3.0	4.0
0-40	569	5.0	7.0
0-60	1002	10.0	12.0
0-90	1288	12.0	16.0
90-120	2383	23.0	30.0
90-130	3532	35.0	45.0
90-150	5404	54.0	69.0
90-180	6524	65.0	83.0
0-180	7812	78.0	100.0



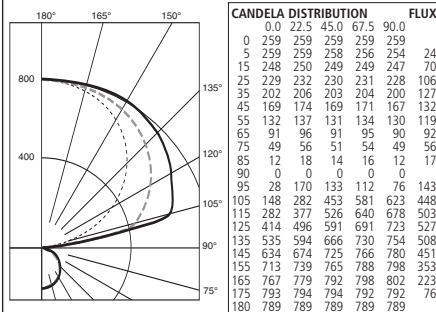
S10: A12 - OPEN - 1 T5HO - 91W

(ITL REPORT 51163)



81% Uplight
19% Downlight

EFFICIENCY = 79.5%



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	201	4.0	5.0
0-40	329	6.0	8.0
0-60	580	11.0	14.0
0-90	744	14.0	18.0
90-120	1094	21.0	27.0
90-130	1621	32.0	40.0
90-150	2579	51.0	64.0
90-180	3230	64.0	81.0
0-180	3974	79.0	100.0



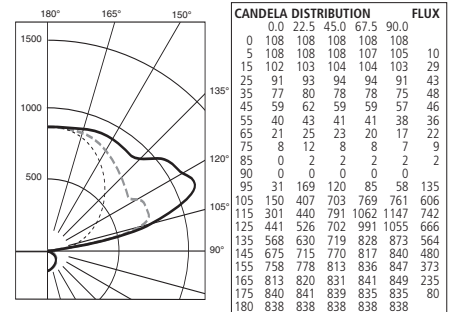
S10: PS - OPEN - 1 T5HO - EP

(ITL REPORT 51174)



94% Uplight
6% Downlight

EFFICIENCY = 82.6%



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	82	1.0	2.0
0-40	131	2.0	3.0
0-60	213	4.0	5.0
0-90	247	4.0	6.0
90-120	1483	29.0	35.0
90-130	2149	43.0	52.0
90-150	3194	63.0	77.0
90-180	3882	77.0	94.0
0-180	4128	82.0	100.0



Product Photometry and ies files are also available online at www.finelite.com.
For layouts or additional photometry, contact your local representative or the factory.

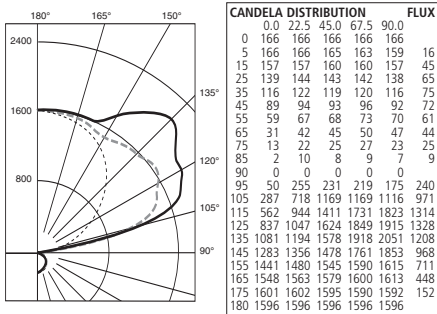
S10: PS - OPEN - 2 T5HO - EP

(ITL REPORT 51175)



95% Uplight
5% Downlight

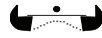
EFFICIENCY = 77.5%



ZONAL LUMEN SUMMARY				
ZONE	LUMENS	%LAMP	%FIXT	
0-30	126	1.0	1.0	
0-40	200	2.0	2.0	
0-60	334	3.0	4.0	
0-90	411	4.0	5.0	
90-120	2525	25.0	32.0	
90-130	3853	38.0	49.0	
90-150	6029	60.0	77.0	
90-180	7340	73.0	94.0	
0-180	7751	77.0	100.0	

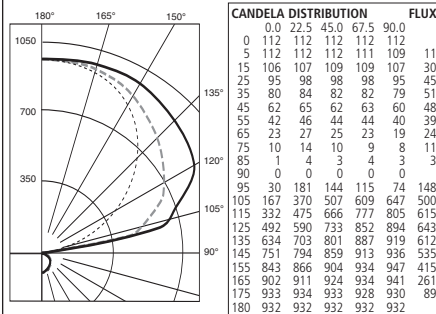
S10: PS - OPEN - 1 T5HO - 91W

(ITL REPORT 51168)



94% Uplight
6% Downlight

EFFICIENCY = 81.6%



ZONAL LUMEN SUMMARY				
ZONE	LUMENS	%LAMP	%FIXT	
0-30	86	1.0	2.0	
0-40	137	2.0	3.0	
0-60	224	4.0	5.0	
0-90	263	5.0	6.0	
90-120	1263	25.0	30.0	
90-130	1906	38.0	46.0	
90-150	3053	61.0	74.0	
90-180	3818	76.0	93.0	
0-180	4081	81.0	100.0	

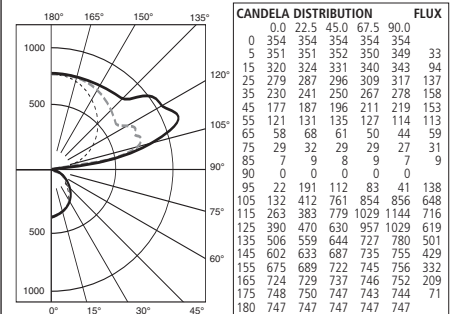
S10: WCB - OPEN - 1 T5HO - EP

(ITL REPORT 51178)



82% Uplight
18% Downlight

EFFICIENCY = 89.0%



ZONAL LUMEN SUMMARY				
ZONE	LUMENS	%LAMP	%FIXT	
0-30	264	5.0	5.0	
0-40	422	8.0	9.0	
0-60	688	13.0	15.0	
0-90	788	15.0	17.0	
90-120	1502	30.0	33.0	
90-130	2121	42.0	47.0	
90-150	3051	61.0	68.0	
90-180	3662	73.0	82.0	
0-180	4450	89.0	100.0	

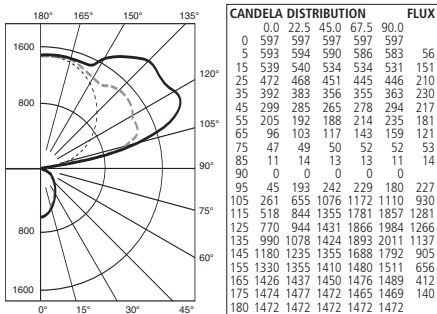
S10: WCB - OPEN - 2 T5HO - EP

(ITL REPORT 51179)



85% Uplight
15% Downlight

EFFICIENCY = 81.9%



ZONAL LUMEN SUMMARY				
ZONE	LUMENS	%LAMP	%FIXT	
0-30	417	4.0	5.0	
0-40	647	6.0	7.0	
0-60	1045	10.0	12.0	
0-90	1234	12.0	15.0	
90-120	2438	24.0	29.0	
90-130	3704	37.0	45.0	
90-150	5746	57.0	70.0	
90-180	6954	69.0	84.0	
0-180	8189	81.0	100.0	

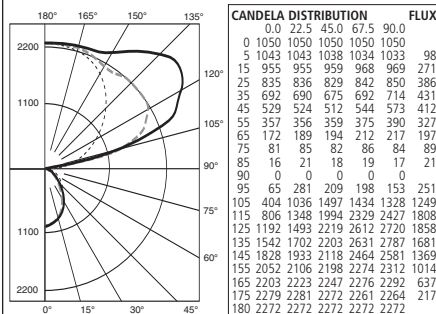
S10: WCB - OPEN - 3 T5HO - EP

(ITL REPORT 51180)



82% Uplight
18% Downlight

EFFICIENCY = 82.1%



ZONAL LUMEN SUMMARY				
ZONE	LUMENS	%LAMP	%FIXT	
0-30	755	5.0	6.0	
0-40	1187	7.0	9.0	
0-60	1926	12.0	15.0	
0-90	2233	14.0	18.0	
90-120	3308	22.0	26.0	
90-130	5166	34.0	41.0	
90-150	8215	54.0	66.0	
90-180	10083	67.0	81.0	
0-180	12315	82.0	100.0	

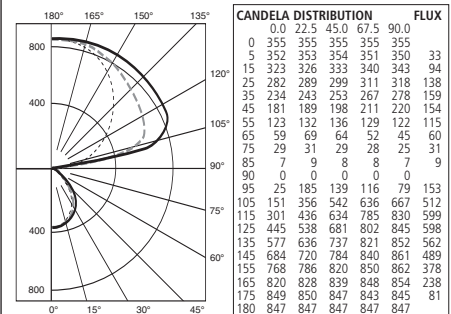
S10: WCB - OPEN - 1 T5HO - 91W

(ITL REPORT 51164)



82% Uplight
18% Downlight

EFFICIENCY = 88.0%



ZONAL LUMEN SUMMARY				
ZONE	LUMENS	%LAMP	%FIXT	
0-30	265	5.0	6.0	
0-40	425	8.0	9.0	
0-60	694	13.0	15.0	
0-90	794	15.0	18.0	
90-120	1263	25.0	28.0	
90-130	1861	37.0	42.0	
90-150	2912	58.0	66.0	
90-180	3608	72.0	82.0	
0-180	4402	88.0	100.0	

Product Photometry and ies files are also available online at www.finelite.com.
For layouts or additional photometry, contact your local representative or the factory.

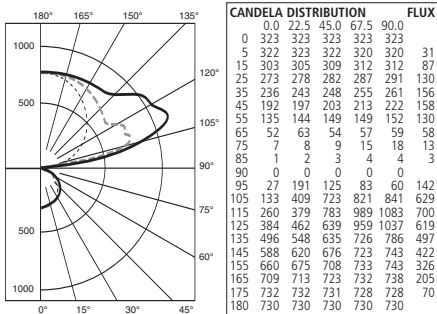
S10: PLV - OPEN - 1 T5HO - EP



(ITL REPORT 51171)

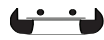
83% Uplight
17% Downlight

EFFICIENCY = 87.5%



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	248	5.0	5.0
0-40	404	8.0	9.0
0-60	692	13.0	15.0
0-90	767	15.0	17.0
90-120	1471	29.0	33.0
90-130	2090	41.0	47.0
90-150	3009	60.0	68.0
90-180	3610	72.0	82.0
0-180	4376	87.0	100.0

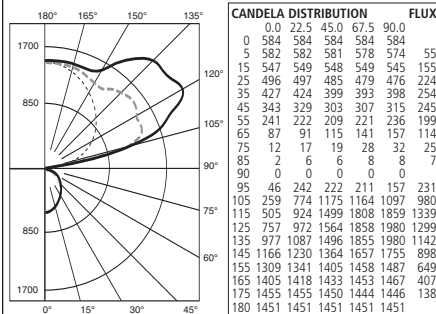
S10: PLV - OPEN - 2 T5HO - EP



(ITL REPORT 51172)

85% Uplight
15% Downlight

EFFICIENCY = 83.6%



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	434	4.0	5.0
0-40	688	6.0	8.0
0-60	1132	11.0	13.0
0-90	1278	12.0	15.0
90-120	2550	25.0	30.0
90-130	3849	38.0	46.0
90-150	5890	58.0	70.0
90-180	7083	70.0	80.0
0-180	8361	83.0	100.0

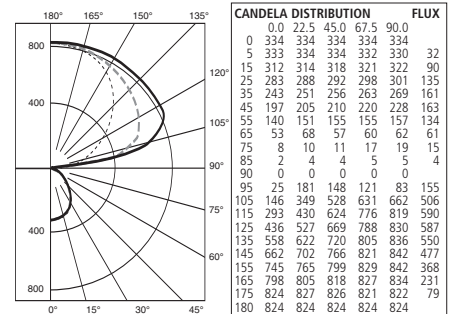
S10: PLV - OPEN - 1 T5HO - 91W



(ITL REPORT 51165)

82% Uplight
18% Downlight

EFFICIENCY = 86.7%



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	256	5.0	5.0
0-40	417	8.0	9.0
0-60	714	14.0	16.0
0-90	794	15.0	18.0
90-120	1250	25.0	28.0
90-130	1837	36.0	42.0
90-150	2864	57.0	66.0
90-180	3542	70.0	81.0
0-180	4336	86.0	100.0

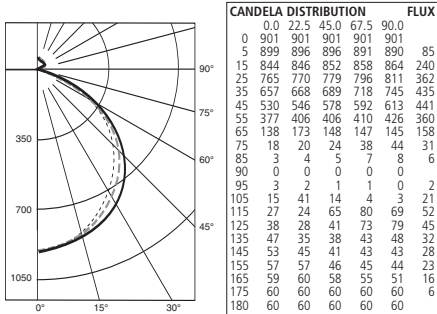
S10: PLV - CCO - 1 T5HO - EP



(ITL REPORT 51173)

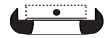
10% Uplight
90% Downlight

EFFICIENCY = 46.9%



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	687	13.0	29.0
0-40	1122	22.0	47.0
0-60	1923	38.0	82.0
0-90	2119	42.0	90.0
90-120	75	1.0	3.0
90-130	121	2.0	5.0
90-150	181	3.0	7.0
90-180	225	4.0	9.0
0-180	2344	46.0	100.0

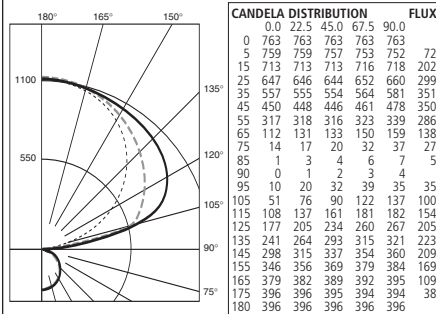
S10: PLV - STO - 1 T5HO - 91W



(ITL REPORT 51166)

42% Uplight
58% Downlight

EFFICIENCY = 59.4%



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	573	11.0	19.0
0-40	923	18.0	31.0
0-60	1559	31.0	52.0
0-90	1728	34.0	58.0
90-120	289	5.0	9.0
90-130	494	9.0	16.0
90-150	926	18.0	31.0
90-180	1243	24.0	41.0
0-180	2971	59.0	100.0

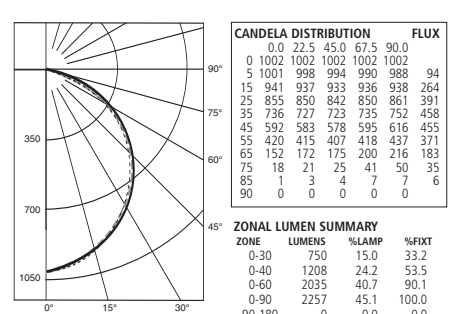
S10: PLV - TDO - 1 T5HO - 91W



(ITL REPORT 51167)

100% Downlight

EFFICIENCY = 45.1%



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	750	15.0	33.2
0-40	1208	24.2	53.5
0-60	2035	40.7	90.1
0-90	2257	45.1	100.0
90-180	0	0.0	0.0
0-180	2257	45.1	100.0

Product Photometry and ies files are also available online at www.finelite.com.
For layouts or additional photometry, contact your local representative or the factory.

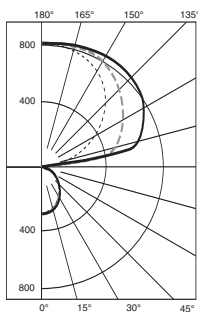
S10: CUB - OPEN - 1 T5HO - 91W



(ITL REPORT 51169)

88% Uplight
12% Downlight

EFFICIENCY = 78.5%



CANDELA DISTRIBUTION		FLUX		
0	22.5	45.0	67.5	90.0
0	265	265	265	265
5	265	265	262	259
15	243	247	246	248
25	212	216	210	215
35	174	175	165	170
45	123	124	110	116
55	45	54	44	51
65	15	16	14	16
75	7	8	7	8
85	2	4	3	4
90	0	0	0	0
95	28	172	126	105
105	149	337	472	588
115	295	427	600	704
125	435	528	661	775
135	565	629	719	801
145	667	710	767	818
155	750	773	809	836
165	803	813	827	837
175	830	833	832	829
180	828	828	828	828



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	192	3.0	4.0
0-40	299	6.0	7.0
0-60	433	8.0	11.0
0-90	460	9.0	11.0
90-120	1168	23.0	29.0
90-130	1749	35.0	44.0
90-150	2779	55.0	70.0
90-180	3463	69.0	88.0
0-180	3923	78.0	100.0

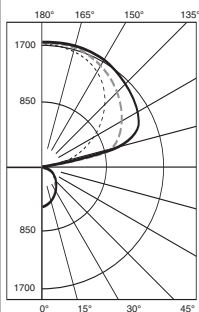
S10: CUB - OPEN - 2 T5HO - 91W



(ITL REPORT 51170)

89% Uplight
11% Downlight

EFFICIENCY = 76.4%



CANDELA DISTRIBUTION		FLUX		
0	22.5	45.0	67.5	90.0
0	470	470	470	470
5	470	470	467	462
15	433	434	435	435
25	377	376	369	373
35	309	305	291	293
45	221	212	194	199
55	79	86	79	84
65	27	28	26	29
75	13	14	13	15
85	3	6	6	5
90	0	0	0	0
95	59	259	258	256
105	317	609	921	1026
115	617	853	1127	1350
125	912	1084	1313	1497
135	1174	1292	1455	1596
145	1395	1469	1579	1672
155	1564	1605	1670	1720
165	1676	1692	1713	1735
175	1734	1734	1727	1720
180	1727	1727	1727	1727



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	338	3.0	4.0
0-40	524	5.0	6.0
0-60	758	7.0	9.0
0-90	807	8.0	10.0
90-120	2169	21.0	28.0
90-130	3316	33.0	43.0
90-150	5412	54.0	70.0
90-180	6829	68.0	89.0
0-180	7637	76.0	100.0