

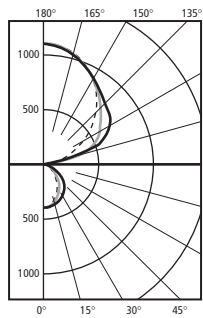
Product Photometry and ies files are also available online at www.finelite.com.
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S14: WCB - 1 T5HO - AA LSI REPORT 17606



80% Uplight
20% Downlight

EFFICIENCY = 91.6%



CANDELA DISTRIBUTION					FLUX
0.0	22.5	45.0	67.5	90.0	
0	396	396	396	396	37
5	389	391	391	392	394
15	342	346	357	370	380
25	276	283	305	333	352
35	203	214	243	284	313
45	129	138	175	223	260
55	89	92	108	154	191
65	56	59	67	83	99
75	29	33	37	37	36
85	6	8	8	9	10
90	0	0	0	0	0
95	28	29	4	3	34
105	150	281	364	302	285
115	317	414	535	599	619
125	494	542	628	705	739
135	667	696	731	771	788
145	826	845	842	862	864
155	958	961	951	948	950
165	1052	1054	1042	1033	1034
175	1099	1105	1098	1089	1090
180	1102	1102	1102	1102	1102

LIGHTING SCIENCES

LEGEND:
0-deg ————
90-deg - - - - -
180-deg -

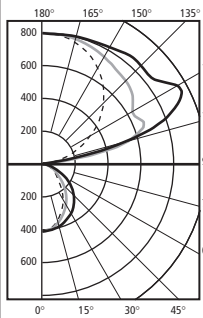
ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	279	6.22	6.79
0-40	425	9.67	10.56
0-60	686	15.26	16.66
0-90	805	17.89	19.53
40-90	369	8.22	8.97
60-90	118	2.63	2.87
90-180	3317	73.72	80.47
0-180	4122	91.61	100.00

S14: WCB - 1 T5HO - EP LSI REPORT 17607



80% Uplight
20% Downlight

EFFICIENCY = 93.8%



CANDELA DISTRIBUTION					FLUX
0.0	22.5	45.0	67.5	90.0	
0	411	411	411	411	39
5	405	405	405	406	409
15	356	360	370	384	395
25	289	295	317	346	364
35	213	224	254	296	326
45	135	145	182	231	271
55	93	98	114	163	204
65	60	63	72	91	112
75	31	35	38	42	41
85	7	8	11	12	11
90	0	0	0	0	0
95	22	20	6	4	65
105	127	318	542	546	532
115	264	435	650	870	924
125	403	502	672	813	877
135	527	590	715	816	849
145	631	676	738	806	835
155	712	736	767	797	810
165	767	780	787	796	802
175	794	801	796	793	796
180	797	797	797	797	797

LIGHTING SCIENCES

LEGEND:
0-deg ————
90-deg - - - - -
180-deg -

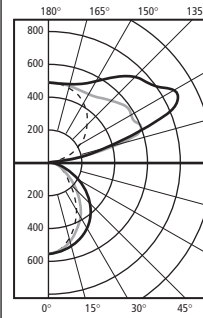
ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	290	6.46	6.89
0-40	452	10.06	10.72
0-60	716	15.93	16.97
0-90	845	18.80	20.03
40-90	393	8.73	9.31
60-90	129	2.87	3.06
90-180	3376	75.03	79.97
0-180	4222	93.82	100.00

S14: WCB - 1 T5HO - WSO LSI REPORT 17608



70% Uplight
30% Downlight

EFFICIENCY = 83.8%



CANDELA DISTRIBUTION					FLUX
0.0	22.5	45.0	67.5	90.0	
0	557	557	557	557	53
5	548	549	549	551	554
15	482	487	501	520	532
25	390	399	427	464	492
35	288	303	339	393	432
45	183	195	243	305	357
55	127	131	149	211	264
65	81	83	93	118	150
75	43	46	50	55	58
85	9	12	14	15	15
90	0	0	0	0	0
95	19	75	81	64	65
105	92	293	468	404	392
115	180	356	582	808	867
125	265	363	582	741	803
135	337	387	532	678	733
145	396	424	488	577	621
155	439	453	480	514	529
165	470	476	461	489	494
175	483	488	484	484	484
180	485	485	485	485	485

LIGHTING SCIENCES

LEGEND:
0-deg ————
90-deg - - - - -
180-deg -

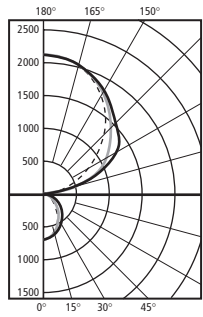
ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	392	8.72	10.41
0-40	609	13.54	16.15
0-60	958	21.31	25.41
0-90	1129	25.10	29.94
40-90	520	11.57	13.80
60-90	170	3.80	4.53
90-180	2642	58.73	70.06
0-180	3772	83.83	100.00

S14: WCB - 2 T5HO - AA LSI REPORT 17609



83% Uplight
17% Downlight

EFFICIENCY = 86.9%



CANDELA DISTRIBUTION					FLUX
0.0	22.5	45.0	67.5	90.0	
0	694	694	694	694	65
5	681	683	685	685	686
15	597	605	615	631	642
25	483	488	513	548	569
35	355	366	400	451	485
45	225	235	284	349	398
55	153	156	179	248	309
65	95	98	112	155	224
75	50	54	61	78	120
85	9	12	14	19	20
90	0	0	0	0	0
95	59	105	20	8	5
105	307	518	578	599	609
115	631	793	1003	1055	1068
125	971	1080	1222	1340	1401
135	1300	1382	1460	1519	1546
145	1604	1661	1695	1737	1737
155	1854	1868	1885	1900	1912
165	2029	2037	2035	2028	2037
175	2121	2122	2115	2102	2106
180	2122	2122	2122	2122	2122

LIGHTING SCIENCES

LEGEND:
0-deg ————
90-deg - - - - -
180-deg -

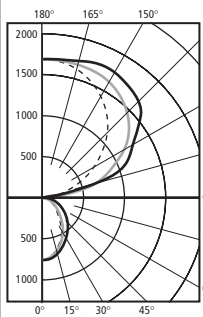
ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	476	5.29	6.09
0-40	731	8.12	9.35
0-60	1141	12.69	14.60
0-90	1363	15.15	17.43
40-90	632	7.02	8.08
60-90	221	2.46	2.83
90-180	6456	71.74	82.57
0-180	7820	86.89	100.00

S14: WCB - 2 T5HO - EP LSI REPORT 17610



81% Uplight
19% Downlight

EFFICIENCY = 85.3%



CANDELA DISTRIBUTION					FLUX
0.0	22.5	45.0	67.5	90.0	
0	758	758	758	758	71
5	743	744	745	746	750
15	653	657	590	587	702
25	529	535	559	595	624
35	388	401	435	491	533
45	245	258	310	381	437
55	169	172	194	275	342
65	106	111	124	174	252
75	56	60	67	88	136
85	9	14	18	25	24
90	0	0	0	0	0
95	48	91	42	7	14
105	279	505	696	704	675
115	567	812	974	1110	1173
125	853	1041	1283	1359	1409
135	1144	1273	1456	1591	1650
145	1334	1440	1592	1695	1735
155	1504	1556	1653	1738	1772
165	1621	1647	1670	1707	1723
175	1680	1692	1687	1692	1694
180	1688	1688	1688	1688	1688

LIGHTING SCIENCES

LEGEND:
0-deg ————
90-deg - - - - -
180-deg -

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	476	5.77	6.76
0-40	797	8.86	10.31
0-60	1248	13.87	16.25
0-90	1497	16.64	19.49
40-90	699	7.78	9.11
60-90	249	2.77	3.24
90-180	6184	68.71	80.51
0-180	7681	85.35	100.00

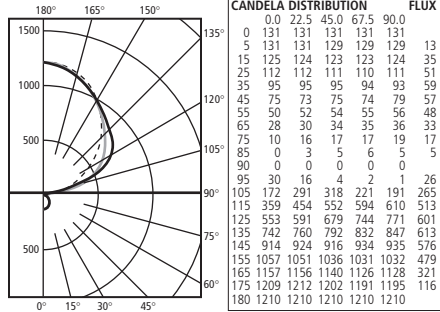
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S14: CP - 1 T5HO - AA LSI REPORT 17665



92% Uplight
8% Downlight

EFFICIENCY = 85%



LIGHTING SCIENCES

LEGEND:
0-deg ———
90-deg - - - -
180-deg - - - -

ZONAL LUMEN SUMMARY

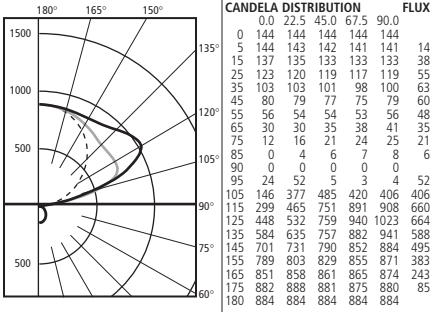
ZONE	LUMENS	%LAMP	%FIXT
0-30	98	2.19	2.57
0-40	157	3.49	4.11
0-60	262	5.83	6.86
0-90	316	7.03	8.27
40-90	159	3.54	4.16
60-90	54	1.20	1.41
90-180	3509	77.99	91.73
0-180	3825	85.02	100.00

S14: CP - 1 T5HO - EP LSI REPORT 17666



91% Uplight
9% Downlight

EFFICIENCY = 87.0%



LIGHTING SCIENCES

LEGEND:
0-deg ———
90-deg - - - -
180-deg - - - -

ZONAL LUMEN SUMMARY

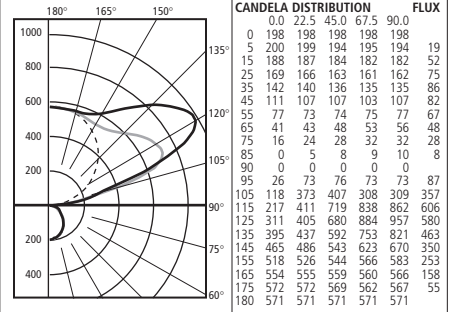
ZONE	LUMENS	%LAMP	%FIXT
0-30	106	2.36	2.71
0-40	168	3.75	4.31
0-60	277	6.16	7.07
0-90	338	7.52	8.64
40-90	169	3.76	4.33
60-90	61	1.36	1.57
90-180	3577	79.50	91.36
0-180	3915	87.02	100.00

S14: CP - 1 T5HO - WSO LSI REPORT 17667



86% Uplight
14% Downlight

EFFICIENCY = 75.0%



LIGHTING SCIENCES

LEGEND:
0-deg ———
90-deg - - - -
180-deg - - - -

ZONAL LUMEN SUMMARY

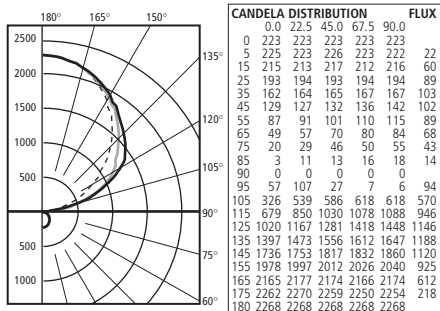
ZONE	LUMENS	%LAMP	%FIXT
0-30	145	3.24	4.32
0-40	231	5.14	6.86
0-60	380	8.45	11.27
0-90	463	10.31	13.75
40-90	232	5.17	6.89
60-90	83	1.86	2.48
90-180	2909	64.66	86.25
0-180	3373	74.97	100.00

S14: CP - 2 T5HO - AA LSI REPORT 17668



92% Uplight
8% Downlight

EFFICIENCY = 82.3%



LIGHTING SCIENCES

LEGEND:
0-deg ———
90-deg - - - -
180-deg - - - -

ZONAL LUMEN SUMMARY

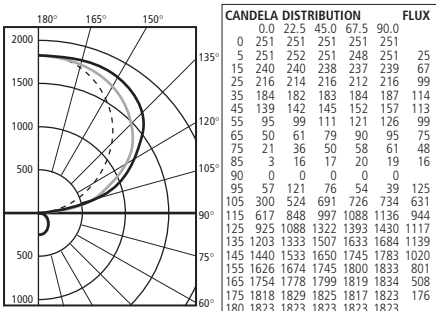
ZONE	LUMENS	%LAMP	%FIXT
0-30	170	1.90	2.31
0-40	273	3.04	3.69
0-60	464	5.16	6.27
0-90	590	6.56	7.97
40-90	316	3.52	4.28
60-90	125	1.40	1.70
90-180	6817	75.75	92.03
0-180	7408	82.31	100.00

S14: CP - 2 T5HO - EP LSI REPORT 17669



91% Uplight
9% Downlight

EFFICIENCY = 79.1%



LIGHTING SCIENCES

LEGEND:
0-deg ———
90-deg - - - -
180-deg - - - -

ZONAL LUMEN SUMMARY

ZONE	LUMENS	%LAMP	%FIXT
0-30	189	2.11	2.67
0-40	303	3.38	4.27
0-60	516	5.73	7.25
0-90	655	7.29	9.22
40-90	351	3.91	4.94
60-90	139	1.55	1.96
90-180	6459	71.78	90.78
0-180	7115	79.06	100.00

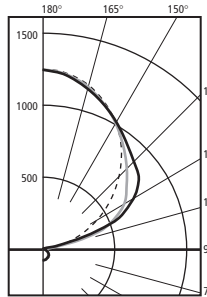
Product Photometry and ies files are also available online at www.finelite.com.
For layouts or additional photometry, contact your local representative or the factory.

S14: CS - 1 T5HO - AA LSI REPORT 17672



94% Uplight
6% Downlight

EFFICIENCY = 86.2%



CANDELA DISTRIBUTION		FLUX		
0.0	22.5	45.0	67.5	90.0
0	78	78	78	78
5	78	78	77	76
15	76	77	75	74
25	71	71	69	71
35	64	64	64	65
45	55	55	57	58
55	44	44	46	46
65	30	34	34	27
75	15	18	17	15
85	0	0	4	6
90	0	0	0	0
95	34	18	4	4
105	180	309	330	233
115	368	468	582	622
125	566	615	709	783
135	760	785	823	867
145	937	952	947	970
155	1083	1081	1068	1064
165	1188	1188	1172	1160
175	1242	1245	1235	1224
180	1243	1243	1243	1243



LEGEND:
0-deg. ————
90-deg. - - - -
180-deg. - - - -

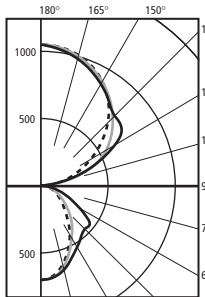
ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	61	1.36	1.58
0-40	101	2.26	2.62
0-60	185	4.13	4.78
0-90	238	5.29	6.14
40-90	136	3.03	3.52
60-90	52	1.17	1.35
90-180	3642	80.95	93.86
0-180	3881	86.24	100.00

S14: WCB - 2 T8 - AA LSI REPORT 17582



69% Uplight
31% Downlight

EFFICIENCY = 79.5%



CANDELA DISTRIBUTION		FLUX		
0.0	22.5	45.0	67.5	90.0
0	701	701	701	701
5	688	693	697	700
15	609	623	629	640
25	494	504	520	551
35	368	379	408	465
45	247	258	302	388
55	170	175	203	243
65	109	112	127	147
75	57	60	66	81
85	12	16	17	20
90	0	0	0	0
95	35	49	42	30
105	192	260	265	263
115	367	423	516	536
125	547	577	638	741
135	714	734	752	760
145	849	861	855	856
155	955	953	944	929
165	1021	1022	1007	995
175	1047	1052	1047	1039
180	1048	1048	1048	1048



LEGEND:
0-deg. ————
90-deg. - - - -
180-deg. - - - -

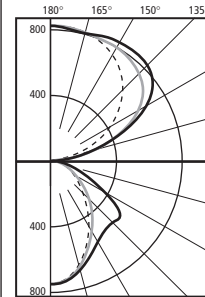
ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	484	8.08	10.17
0-40	748	12.47	15.69
0-60	1222	20.37	25.64
0-90	1468	24.48	30.80
40-90	720	12.01	15.11
60-90	246	4.11	5.17
90-180	3298	54.98	69.20
0-180	4767	79.46	100.00

S14: WCB - 2 T8 - EP LSI REPORT 17583



66% Uplight
34% Downlight

EFFICIENCY = 79.2%



CANDELA DISTRIBUTION		FLUX		
0.0	22.5	45.0	67.5	90.0
0	749	749	749	749
5	737	742	746	747
15	652	665	668	676
25	531	537	554	585
35	398	406	440	502
45	268	278	329	434
55	185	189	221	312
65	118	121	137	194
75	62	65	71	87
85	12	18	18	22
90	0	0	0	0
95	38	59	63	51
105	180	274	295	291
115	338	444	530	545
125	488	561	684	728
135	619	669	752	814
145	712	735	793	828
155	776	778	800	823
165	814	815	806	804
175	825	831	825	819
180	824	824	824	824



LEGEND:
0-deg. ————
90-deg. - - - -
180-deg. - - - -

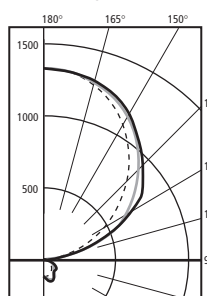
ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	516	8.61	10.87
0-40	800	13.34	16.84
0-60	1327	22.13	27.93
0-90	1593	26.57	33.53
40-90	793	13.22	16.69
60-90	266	4.44	5.60
90-180	3159	52.66	66.47
0-180	4753	79.22	100.00

S14: CS - 2 T8 - AA LSI REPORT 17673



89% Uplight
11% Downlight

EFFICIENCY = 74.7%



CANDELA DISTRIBUTION		FLUX		
0.0	22.5	45.0	67.5	90.0
0	116	116	116	116
5	118	120	124	128
15	114	129	140	148
25	107	130	149	155
35	95	127	138	128
45	78	113	103	106
55	61	85	84	102
65	41	52	75	79
75	20	37	42	44
85	4	10	12	14
90	0	0	0	0
95	40	59	53	42
105	211	306	312	300
115	414	502	586	596
125	625	694	760	807
135	828	891	931	961
145	1013	1062	1094	1114
155	1164	1184	1210	1223
165	1272	1283	1285	1294
175	1325	1331	1326	1322
180	1329	1329	1329	1329



LEGEND:
0-deg. ————
90-deg. - - - -
180-deg. - - - -

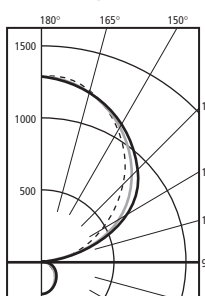
ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	115	1.93	2.58
0-40	193	3.23	4.32
0-60	353	5.89	7.88
0-90	472	7.87	10.53
40-90	278	4.64	6.21
60-90	119	1.98	2.65
90-180	4012	66.88	89.47
0-180	4484	74.75	100.00

S14: CS - 2 T8 - AA LSI REPORT 17670



87% Uplight
13% Downlight

EFFICIENCY = 73.0%



CANDELA DISTRIBUTION		FLUX		
0.0	22.5	45.0	67.5	90.0
0	225	225	225	225
5	224	224	226	222
15	211	211	206	202
25	190	183	180	178
35	160	153	153	160
45	123	118	130	144
55	85	85	107	119
65	47	57	70	80
75	22	29	39	46
85	3	9	10	13
90	0	0	0	0
95	37	54	45	32
105	209	284	293	275
115	409	477	556	568
125	610	652	729	737
135	805	836	880	913
145	983	1006	1022	1051
155	1128	1129	1137	1146
165	1232	1235	1234	1222
175	1284	1288	1279	1272
180	1286	1286	1286	1286



LEGEND:
0-deg. ————
90-deg. - - - -
180-deg. - - - -

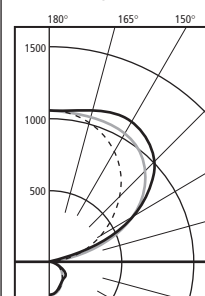
ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	163	2.72	3.72
0-40	261	4.35	5.96
0-60	454	7.58	10.38
0-90	573	9.55	13.07
40-90	311	5.20	7.12
60-90	118	1.97	2.70
90-180	3809	63.50	86.93
0-180	4382	73.05	100.00

S14: CP - 2 T8 - EP LSI REPORT 17671



87% Uplight
13% Downlight

EFFICIENCY = 71.5%



CANDELA DISTRIBUTION		FLUX		
0.0	22.5	45.0	67.5	90.0
0	231	231	231	231
5	230	232	230	229
15	217	218	211	207
25	195	189	185	183
35	162	156	159	162
45	124	121	130	145
55	84	85	106	119
65	47	56	69	76
75	21	29	37	41
85	2	9	12	12
90	0	0	0	0
95	37	40	26	11
105	197	301	278	241
115	376	514	577	587
125	547	676	793	846
135	704	811	932	999
145	837	913	1020	1088
155	939	976	1046	1102
165	1012	1024	1045	1070
175	1047	1051	1047	1047
180	1049	1049	1049	1049

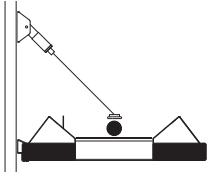


LEGEND:
0-deg. ————
90-deg. - - - -
180-deg. - - - -

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	167	2.79	3.91
0-40	267	4.46	6.24
0-60	462	7.71	10.79
0-90	575	9.59	13.42
40-90	307	5.13	7.18
60-90	113	1.88	2.64
90-180	3711	61.87	86.58
0-180	4287	71.46	100.00

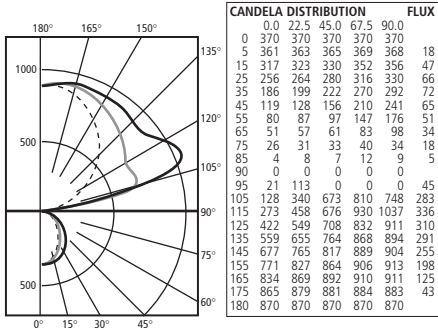
Product Photometry and ies files are also available online at www.finelite.com.
For layouts or additional photometry, contact your local representative or the factory.

S14WM: WCB - 1 T5HO - EP LSI REPORT 17991



81% Uplight
19% Downlight

EFFICIENCY = 89.3%

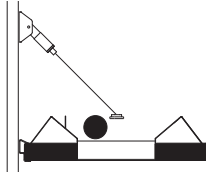


LIGHTING SCIENCES

LEGEND:
0-deg. ————
90-deg. - - - - -
180-deg. - - - - -

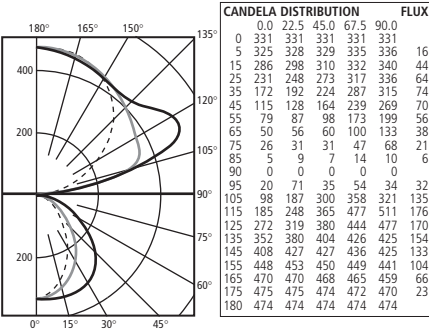
The 0 degree plane is perpendicular to the lamp.

S14WM: WCB - 1 T8 - EP LSI REPORT 17993



71% Uplight
29% Downlight

EFFICIENCY = 82.7%

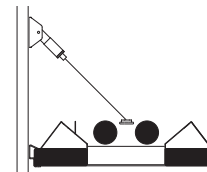


LIGHTING SCIENCES

LEGEND:
0-deg. ————
90-deg. - - - - -
180-deg. - - - - -

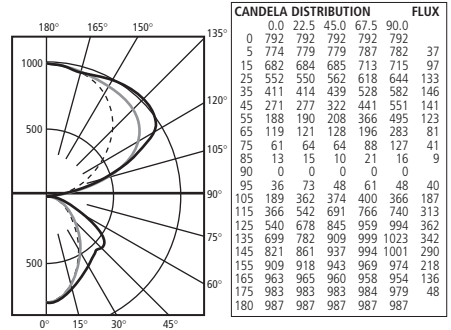
The 0 degree plane is perpendicular to the lamp.

S14WM: WCB - 2 T8 - EP LSI REPORT 17994



32% Uplight
68% Downlight

EFFICIENCY = 84.8%



LIGHTING SCIENCES

LEGEND:
0-deg. ————
90-deg. - - - - -
180-deg. - - - - -

The 0 degree plane is perpendicular to the lamp.