

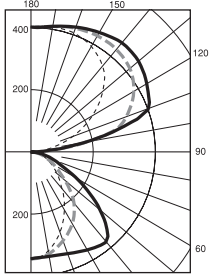
Product Photometry and ies files are also available online at [www.finelite.com](http://www.finelite.com).  
For layouts or additional photometry, contact your local representative or the factory.

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



EFFICIENCY = 94.0%

69% Uplight  
31% Downlight



CANDELA DISTRIBUTION		FLUX
0	45	90
0	343	343
5	339	341
15	302	306
25	248	256
35	188	199
45	134	139
55	95	98
65	63	65
75	38	37
85	14	12
90	0	0
95	22	68
105	99	189
115	185	259
125	267	323
135	336	374
145	378	401
155	401	412
165	410	411
175	407	404
180	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

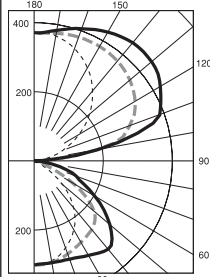


### S16: 1 T8 - 91W - SSL LSI REPORT 21792



EFFICIENCY = 87.4%

67% Uplight  
33% Downlight



CANDELA DISTRIBUTION		FLUX
0	45	90
0	300	300
5	299	299
15	282	284
25	250	257
35	206	222
45	146	178
55	70	111
65	15	30
75	4	5
85	1	0
90	0	0
95	11	69
105	58	165
115	117	209
125	179	252
135	237	292
145	288	325
155	329	349
165	358	363
175	372	370
180	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

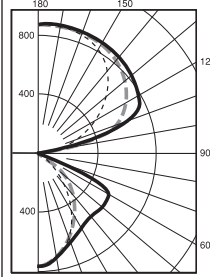


### S16: 2 T8 - 91W - WCB LSI REPORT 21524



EFFICIENCY = 87.5%

68% Uplight  
32% Downlight



CANDELA DISTRIBUTION		FLUX
0	45	90
0	776	776
5	760	759
15	669	651
25	539	523
35	395	393
45	268	276
55	186	190
65	119	121
75	63	64
85	16	19
90	0	0
95	41	94
105	188	307
115	354	461
125	516	601
135	659	721
145	764	801
155	836	859
165	877	883
175	889	880
180	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	213	5.31	6.07
90-180	3509	59.48	67.99
0-180	5161	87.49	100.00

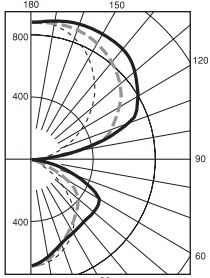


### S16: 2 T8 - 91W - SSL LSI REPORT 21797



EFFICIENCY = 83.0%

67% Uplight  
33% Downlight



CANDELA DISTRIBUTION		FLUX
0	45	90
0	646	646
5	643	639
15	607	590
25	540	513
35	450	423
45	326	324
55	160	196
65	34	56
75	6	11
85	0	4
90	0	0
95	25	94
105	130	281
115	265	403
125	406	515
135	537	619
145	652	709
155	745	775
165	809	817
175	842	834
180	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

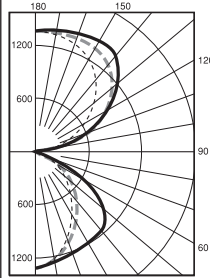


### S16: 3 T8 - 91W - WCB LSI REPORT 21525



EFFICIENCY = 87.0%

63% Uplight  
37% Downlight



CANDELA DISTRIBUTION		FLUX
0	45	90
0	1315	1315
5	1293	1290
15	1139	1130
25	916	919
35	671	693
45	456	475
55	321	330
65	209	212
75	114	116
85	31	33
90	0	0
95	56	82
105	264	366
115	508	646
125	750	868
135	965	1056
145	1136	1195
155	1261	1296
165	1340	1348
175	1373	1362
180	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	31.16
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

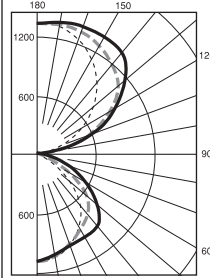


### S16: 3 T8 - 91W - SSL LSI REPORT 21799



EFFICIENCY = 83.4%

64% Uplight  
36% Downlight



CANDELA DISTRIBUTION		FLUX
0	45	90
0	1096	1096
5	1092	1088
15	1034	1021
25	928	909
35	780	774
45	566	601
55	273	348
65	58	88
75	10	18
85	5	10
90	0	0
95	35	90
105	206	364
115	425	616
125	647	799
135	854	968
145	1032	1116
155	1176	1223
165	1276	1290
175	1327	1315
180	1319	1319

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	825	8.33	11.19
0-40	1362	13.59	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



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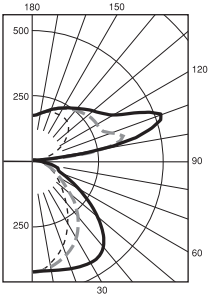
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### S16: 1 T8 - WSO - WCB LSI REPORT 21895



EFFICIENCY = 83.8%

59% Uplight  
41% Downlight



CANDELA DISTRIBUTION	FLUX
0.0	22.0
0	431
5	423
15	375
25	308
35	232
45	161
55	113
65	74
75	42
85	13
90	0
95	18
105	66
115	117
125	161
135	193
145	204
155	201
165	192
175	179
180	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



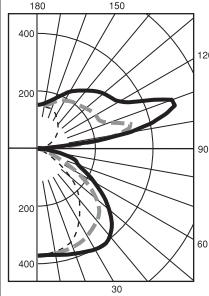
LEGEND:  
0-deg - - - - -  
45-deg - - - - -  
90-deg - - - - -

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



EFFICIENCY = 77.0%

54% Uplight  
46% Downlight



CANDELA DISTRIBUTION	FLUX
0.0	22.0
0	371
5	358
15	355
25	318
35	254
45	189
55	89
65	18
75	3
85	0
90	0
95	7
105	27
115	53
125	79
135	99
145	118
155	139
165	147
175	150
180	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



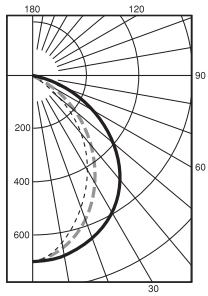
LEGEND:  
0-deg - - - - -  
45-deg - - - - -  
90-deg - - - - -

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



EFFICIENCY = 45.8%

100% Downlight



CANDELA DISTRIBUTION	FLUX
0.0	22.0
0	723
5	708
10	666
15	609
20	544
25	472
30	398
35	323
40	250
45	199
50	167
55	138
60	111
65	88
70	66
75	47
80	28
85	11
90	0

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	303	10.30	13.38
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



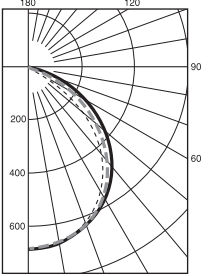
LEGEND:  
0-deg - - - - -  
45-deg - - - - -  
90-deg - - - - -

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



EFFICIENCY = 48.9%

100% Downlight



CANDELA DISTRIBUTION	FLUX
0.0	22.0
0	680
5	677
10	666
15	644
20	615
25	580
30	539
35	490
40	430
45	355
50	266
55	169
60	79
65	28
70	8
75	1
80	0
85	0
90	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



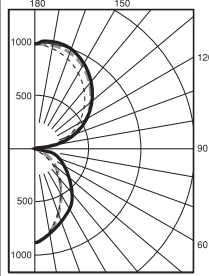
LEGEND:  
0-deg - - - - -  
45-deg - - - - -  
90-deg - - - - -

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



EFFICIENCY = 79.9%

66% Uplight  
34% Downlight



CANDELA DISTRIBUTION	FLUX
0.0	22.0
0	884
5	864
15	747
25	583
35	403
45	255
55	176
65	112
75	59
85	15
90	0
95	38
105	176
115	338
125	502
135	653
145	783
155	884
165	953
175	987
180	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



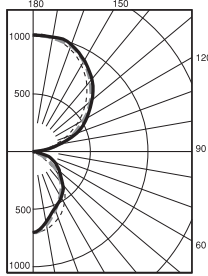
LEGEND:  
0-deg - - - - -  
45-deg - - - - -  
90-deg - - - - -

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



EFFICIENCY = 75.3%

69% Uplight  
31% Downlight



CANDELA DISTRIBUTION	FLUX
0.0	22.0
0	704
5	699
15	660
25	588
35	490
45	354
55	169
65	34
75	5
85	0
90	0
95	31
105	168
115	334
125	504
135	661
145	797
155	906
165	982
175	1021
180	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



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



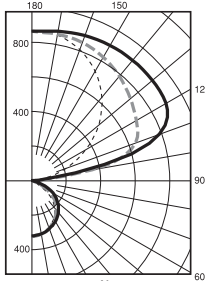
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 For layouts or additional photometry, contact your local representative or the factory.

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



EFFICIENCY = 97.5%

83% Uplight  
17% Downlight



CANDELA DISTRIBUTION	FLUX
0.0	22.0
0	320
5	319
15	303
25	274
35	235
45	177
55	93
65	20
75	8
85	4
90	0
95	20
105	143
115	293
125	441
135	573
145	696
155	775
165	836
175	867
180	864

**LIGHTING SCIENCES**  
 LEGEND:  
 0-deg ---  
 45-deg ---  
 90-deg ---

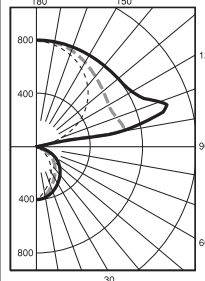
ZONAL LUMEN SUMMARY	ZONE	LUMENS	%LAMP	%FIXT
0-30	245	5.45	5.9	
0-40	398	8.85	9.07	
0-60	669	14.87	15.25	
0-90	749	16.65	17.07	
40-90	350	7.80	7.99	
60-90	79	1.77	1.82	
90-180	3640	80.89	82.93	
0-180	4389	97.54	100.00	

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



EFFICIENCY = 96.6%

81% Uplight  
19% Downlight



**LIGHTING SCIENCES**  
 LEGEND:  
 0-deg ---  
 45-deg ---  
 90-deg ---

CANDELA DISTRIBUTION	FLUX
0.0	22.0
0	392
5	383
15	336
25	269
35	194
45	128
55	92
65	63
75	39
85	15
90	0
95	25
105	139
115	280
125	417
135	538
145	642
155	723
165	779
175	806
180	803

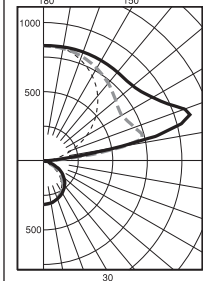
ZONAL LUMEN SUMMARY	ZONE	LUMENS	%LAMP	%FIXT
0-30	277	6.16	6.38	
0-40	431	9.58	9.91	
0-60	685	15.24	15.77	
0-90	820	18.23	18.87	
40-90	389	8.65	8.96	
60-90	134	2.99	3.10	
90-180	3527	78.38	81.13	
0-180	4347	96.61	100.00	

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



EFFICIENCY = 100.0%

84% Uplight  
16% Downlight



**LIGHTING SCIENCES**  
 LEGEND:  
 0-deg ---  
 45-deg ---  
 90-deg ---

CANDELA DISTRIBUTION	FLUX
0.0	22.0
0	315
5	312
15	297
25	268
35	229
45	173
55	92
65	22
75	9
85	6
90	0
95	19
105	135
115	282
125	423
135	552
145	660
155	746
165	806
175	835
180	833

ZONAL LUMEN SUMMARY	ZONE	LUMENS	%LAMP	%FIXT
0-30	240	5.35	5.35	
0-40	389	8.67	8.67	
0-60	633	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	

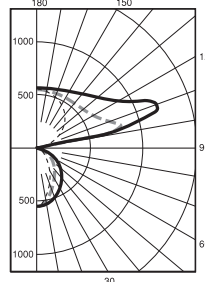
\* Contact factory for an explanation of the photometric testing procedures that yield this efficiency level.

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



EFFICIENCY = 95.1%

75% Uplight  
25% Downlight



CANDELA DISTRIBUTION	FLUX
0.0	22.0
0	534
5	521
15	456
25	365
35	261
45	170
55	121
65	80
75	46
85	14
90	0
95	20
105	98
115	199
125	293
135	375
145	443
155	498
165	534
175	553
180	549

**LIGHTING SCIENCES**  
 LEGEND:  
 0-deg ---  
 45-deg ---  
 90-deg ---

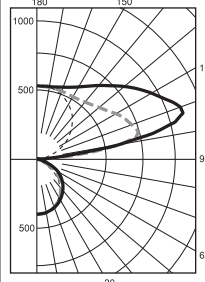
ZONAL LUMEN SUMMARY	ZONE	LUMENS	%LAMP	%FIXT
0-30	375	8.35	8.78	
0-40	581	12.93	13.59	
0-60	916	20.37	21.42	
0-90	1089	24.22	25.46	
40-90	507	11.29	11.87	
60-90	172	3.84	4.04	
90-180	3190	70.90	74.54	
0-180	4280	95.12	100.00	

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



EFFICIENCY = 93.5%

78% Uplight  
22% Downlight



**LIGHTING SCIENCES**  
 LEGEND:  
 0-deg ---  
 45-deg ---  
 90-deg ---

CANDELA DISTRIBUTION	FLUX
0.0	22.0
0	400
5	398
15	378
25	341
35	292
45	221
55	117
65	26
75	10
85	6
90	0
95	17
105	93
115	189
125	280
135	361
145	428
155	484
165	516
175	535
180	531

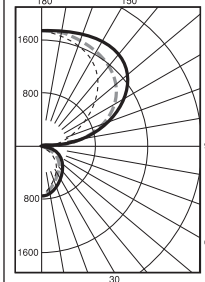
ZONAL LUMEN SUMMARY	ZONE	LUMENS	%LAMP	%FIXT
0-30	305	6.79	7.25	
0-40	493	10.97	11.73	
0-60	823	18.31	19.58	
0-90	928	20.63	22.06	
40-90	434	9.66	10.33	
60-90	104	2.32	2.48	
90-180	3280	72.90	77.94	
0-180	4209	93.53	100.00	

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



EFFICIENCY = 89.1%

82% Uplight  
18% Downlight



**LIGHTING SCIENCES**  
 LEGEND:  
 0-deg ---  
 45-deg ---  
 90-deg ---

CANDELA DISTRIBUTION	FLUX
0.0	22.0
0	737
5	723
15	632
25	503
35	359
45	232
55	162
65	105
75	56
85	15
90	0
95	54
105	295
115	593
125	883
135	1144
145	1365
155	1539
165	1659
175	1720
180	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	

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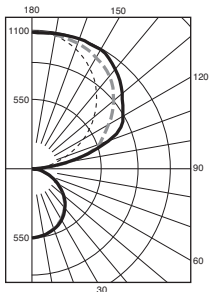
Product Photometry and ies files are also available online at [www.finelite.com](http://www.finelite.com).  
For layouts or additional photometry, contact your local representative or the factory.

## S16: 2T8-91W-DC0 LSI REPORT 29710



EFFICIENCY = 89.7%

72% Uplight  
28% Downlight



CANDELA DISTRIBUTION					FLUX					
0	5	15	25	35	45	55	65	75	85	90
547	547	547	547	547	547					
545	543	544	546	543	52					
523	523	524	527	524	148					
486	484	487	495	493	225					
428	427	436	442	442	272					
358	360	368	373	373	282					
278	283	285	286	285	253					
197	196	195	194	193	193					
119	108	107	106	104	114					
30	29	27	26	25	32					
0	0	0	0	0	0					
37	104	104	97	94	112					
200	328	459	464	463	414					
383	514	633	750	783	609					
562	673	781	851	882	677					
726	798	910	967	990	681					
864	906	996	1052	1070	612					
973	991	1045	1083	1093	478					
1048	1051	1073	1085	1094	302					
1088	1080	1085	1082	1084	105					
1084	1084	1084	1084	1084	1084					

### ZONAL LUMEN SUMMARY

ZONE	LUMENS	%LAMP	%FIXT
0-30	425	6.86	7.64
0-40	697	11.24	12.53
0-60	1232	19.87	22.15
0-90	1571	25.34	28.25
40-90	874	14.40	15.72
60-90	339	5.47	6.09
90-180	3991	64.37	71.75
0-180	5562	89.71	100.00



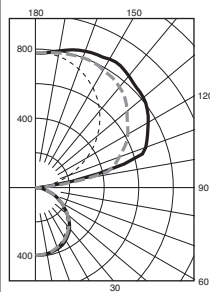
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45-deg - - - - -  
90-deg - - - - -

## S16: 1T5HO-91W-DC0 LSI REPORT 29711



EFFICIENCY = 95.2%

74% Uplight  
26% Downlight



CANDELA DISTRIBUTION					FLUX					
0	5	15	25	35	45	55	65	75	85	90
376	376	376	376	376	376					
375	374	374	375	374	36					
361	361	362	366	366	102					
334	335	341	350	351	157					
295	298	308	316	317	192					
247	252	261	265	265	199					
192	197	200	199	198	177					
137	138	136	134	133	134					
82	76	75	73	72	80					
21	21	19	18	18	22					
0	0	0	0	0	0					
22	98	38	29	29	78					
133	281	445	519	509	393					
264	397	548	647	685	511					
390	507	623	726	757	543					
503	590	702	763	790	522					
599	660	744	804	824	456					
672	705	765	802	812	347					
723	735	763	783	791	213					
749	746	750	750	751	75					
745	745	745	745	745	745					

### ZONAL LUMEN SUMMARY

ZONE	LUMENS	%LAMP	%FIXT
0-30	296	6.65	6.99
0-40	488	10.96	11.51
0-60	863	19.40	20.37
0-90	1099	24.70	25.94
40-90	611	13.74	14.43
60-90	236	5.30	5.57
90-180	3138	70.51	74.06
0-180	4237	95.20	100.00



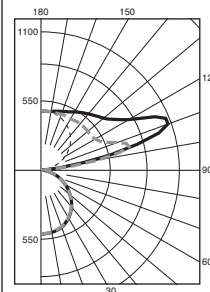
LEGEND:  
0-deg - - - - -  
45-deg - - - - -  
90-deg - - - - -

## S16: 1T5HO-WSO-DC0 LSI REPORT 29920



EFFICIENCY = 93.8%

65% Uplight  
35% Downlight



CANDELA DISTRIBUTION					FLUX					
0	5	15	25	35	45	55	65	75	85	90
505	505	505	505	505	505					
505	502	502	505	503	49					
486	485	487	492	491	137					
449	450	455	461	461	209					
396	398	403	408	408	252					
330	333	336	339	338	258					
257	257	259	259	259	230					
180	176	177	177	177	175					
102	98	97	95	94	103					
28	26	23	20	20	28					
0	0	0	0	0	0					
22	143	76	48	40	122					
97	255	721	814	794	557					
182	291	533	855	995	562					
262	341	481	631	698	436					
330	376	481	570	606	367					
386	411	475	533	556	296					
427	435	471	497	508	216					
456	457	466	478	483	132					
470	468	469	467	467	45					
469	469	469	469	469	469					

### ZONAL LUMEN SUMMARY

ZONE	LUMENS	%LAMP	%FIXT
0-30	395	8.88	9.47
0-40	647	14.54	15.49
0-60	1135	25.52	27.20
0-90	1441	32.37	34.50
40-90	794	17.84	19.01
60-90	305	6.86	7.31
90-180	2734	61.45	65.50
0-180	4175	93.82	100.00



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