

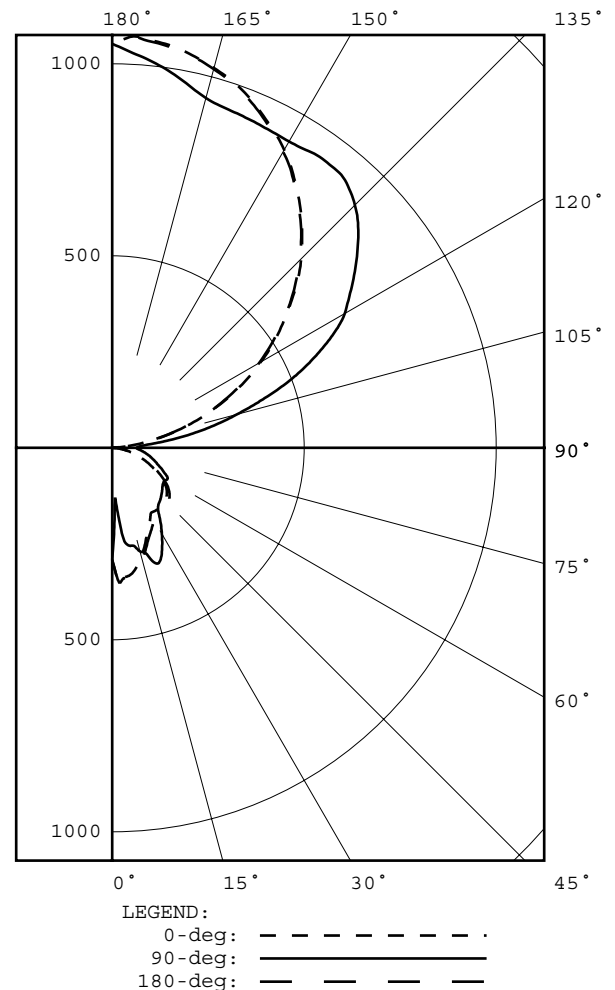
**LEXALITE
INTERNATIONAL
CORPORATION**

10163 U.S. 31 North
Charlevoix, MI 49720
Phone (231) 547-6584 • Fax (231) 547-5833

REPORT NUMBER: 03158
 PREPARED FOR: ADAM METALS
 CATALOG NUMBER: 881 WITH LEXALITE OVERLAY CONTROL FILM WITH REFL
 LUMINAIRE: PAINTED WHITE DIRECT/INDIRECT 881 WITH LEXALITE OVERLAY
 CONTROL FILM WITH NEW SPECULAR REFLECTORS
 LAMP CAT. NO.: 142-143
 LAMPS: TWO 32W T8 LINEAR FLUORESCENT F32T8/TL841/ALTO
 BALLAST CAT. NO.: N/A
 BALLAST: ROBERTSON ISS232T8MVW
 REFERENCE ONLY
 MOUNTING: PENDANT
 REPORT IS BASED ON 2950 LUMENS PER LAMP.

DATE: 07/02/09

CANDELA DISTRIBUTION						FLUX
	0.0	45.0	90.0	135.0	180.0	
0	292	292	292	292	292	
5	339	315	175	318	341	28
15	294	287	279	296	301	82
25	226	256	305	263	239	123
35	199	236	213	239	215	141
45	194	175	180	178	206	147
55	169	141	162	143	177	140
65	113	118	148	120	118	122
75	59	87	108	88	60	89
85	15	47	74	46	15	52
90	1	41	62	42	1	
95	26	84	92	83	25	94
105	179	331	337	332	177	317
115	358	541	598	542	353	505
125	532	698	767	696	527	591
135	696	782	894	782	690	601
145	834	830	930	829	830	532
155	945	885	924	886	941	420
165	1024	963	943	962	1021	275
175	1067	1034	1017	1033	1064	98
180	1052	1052	1052	1052	1052	

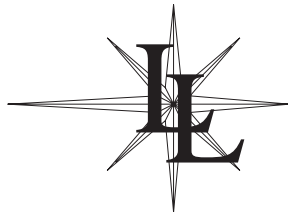


ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0- 30	233	3.9	5.3
0- 40	374	6.3	8.6
0- 60	660	11.2	15.2
0- 90	922	15.6	21.2
90-120	916	15.5	21.0
90-130	1507	25.5	34.6
90-150	2639	44.7	60.6
90-180	3433	58.2	78.8
0-180	4355	73.8	100.0

TOTAL LUMINAIRE EFFICIENCY = 73.8 %

CIE TYPE - SEMI-INDIRECT
 PLANE : 0-DEG 90-DEG 180-DEG
 SPACING CRITERIA : 1.1 1.3 1.1

Checked
Approved



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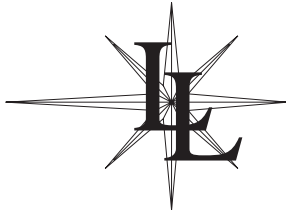
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CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
0.0	292	292	292	292	292	292	292	292	292
5.0	339	336	315	248	175	257	318	340	341
10.0	326	324	302	263	259	275	310	330	330
15.0	294	297	287	275	279	284	296	306	301
20.0	256	276	271	278	317	286	283	285	266
25.0	226	253	256	280	305	280	263	263	239
30.0	200	229	250	260	259	259	255	242	216
35.0	199	219	236	224	213	224	239	232	215
40.0	198	223	208	189	189	190	210	233	212
45.0	194	216	175	177	180	178	178	221	206
50.0	186	191	153	166	170	167	154	196	195
55.0	169	155	141	155	162	156	143	160	177
60.0	141	118	128	150	165	151	130	122	148
65.0	113	92	118	145	148	146	120	94	118
70.0	85	77	111	121	126	122	113	78	89
75.0	59	61	87	102	108	103	88	63	60
80.0	33	46	67	86	91	86	66	48	35
85.0	15	25	47	70	74	69	46	26	15
90.0	1	21	41	57	62	58	42	18	1
95.0	26	70	84	88	92	88	83	68	25
100.0	95	179	204	209	212	210	203	175	94
105.0	179	278	331	337	337	332	332	275	177
110.0	268	364	452	467	474	470	449	362	266
115.0	358	441	541	592	598	588	542	437	353
120.0	447	496	620	675	699	677	619	493	442
125.0	532	552	698	748	767	746	696	547	527
130.0	615	610	754	819	836	818	751	606	611
135.0	696	669	782	873	894	871	782	666	690
140.0	768	725	803	895	928	896	802	723	764
145.0	834	783	830	900	930	899	829	781	830
150.0	896	843	859	904	921	903	859	843	890
155.0	945	903	885	914	924	914	886	900	941
160.0	991	956	920	924	930	925	920	953	986
165.0	1024	998	963	945	943	945	962	995	1021
170.0	1051	1032	1003	987	981	987	1001	1031	1047
175.0	1067	1054	1034	1021	1017	1022	1033	1051	1064
180.0	1052	1052	1052	1052	1052	1052	1052	1052	1052



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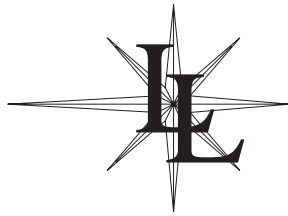
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ZONAL LUMEN SUMMARY

0- 5	7.
5- 10	21.
10- 15	35.
15- 20	47.
20- 25	58.
25- 30	65.
30- 35	69.
35- 40	71.
40- 45	73.
45- 50	73.
50- 55	72.
55- 60	68.
60- 65	64.
65- 70	58.
70- 75	49.
75- 80	40.
80- 85	30.
85- 90	21.
90- 95	25.
95-100	69.
100-105	131.
105-110	186.
110-115	236.
115-120	269.
120-125	289.
125-130	302.
130-135	304.
135-140	296.
140-145	278.
145-150	254.
150-155	226.
155-160	194.
160-165	157.
165-170	118.
170-175	73.
175-180	25.



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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	74	74	74	74	66	66	66	66	50	50	50	35	35	35	22	22	22	16
1	67	64	61	58	59	57	54	52	43	41	40	30	29	28	19	18	18	12
2	61	56	51	47	54	49	46	42	37	35	33	26	25	23	16	15	15	10
3	55	49	43	39	49	43	39	35	33	30	27	23	21	20	14	13	12	8
4	51	43	37	33	44	38	33	30	29	26	23	21	18	17	13	11	10	7
5	46	38	32	28	41	34	29	25	26	22	20	18	16	14	11	10	9	6
6	43	34	28	24	37	30	25	22	23	20	17	16	14	12	10	9	8	5
7	39	30	25	21	35	27	22	19	21	17	15	15	13	11	9	8	7	5
8	36	27	22	18	32	25	20	16	19	15	13	14	11	10	9	7	6	4
9	34	25	20	16	30	22	18	15	17	14	12	12	10	9	8	7	6	4
10	31	23	18	14	28	20	16	13	16	12	10	11	9	8	7	6	5	3

ALL CANDELA, LUMENS, LUMINANCE, COEFFICIENT OF UTILIZATION AND VCP VALUES IN THIS REPORT ARE BASED ON RELATIVE PHOTOMETRY WHICH ASSUMES A BALLAST FACTOR OF 1.000. ANY CALCULATIONS PREPARED FROM THESE DATA SHOULD INCLUDE AN APPROPRIATE BALLAST FACTOR.