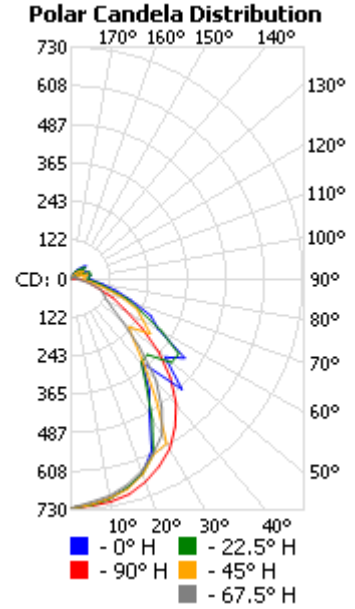


Photometrics Pro

Luminaire Photometric Report

Filename: **LWLV-2-17-MV-840 IES File**

Luminaire: LL-202401B-1(4000K)
 Lamp Output: 1 lamp, rated Lumens/lamp: 2003
 Max Candela: 728.8 at Horizontal: 315°, Vertical: 5°
 Input Wattage: 19.276
 Luminous Opening: Point
 Test: Sam
 Photometry : Type C
 CIE Class: Direct
 Cutoff Class: Semicutoff
 Nema Type: 7 X 7



Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	555.8	27.7%	27.8%
0-40	878.1	43.8%	43.9%
0-60	1,440.5	71.9%	72%
60-90	408.4	20.4%	20.4%
70-100	237.6	11.9%	11.9%
90-120	94.9	4.7%	4.7%
0-90	1,848.8	92.3%	92.4%
90-180	151.8	7.6%	7.6%
0-180	2,000.6	99.9%	100%

Coefficients Of Utilization - Zonal Cavity Method

RCC %:	Effective Floor Cavity Reflectance: 20%																			
	80				70				50				30				10			
RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	0		
RCR: 0	1.17	1.17	1.17	1.17	1.13	1.13	1.13	1.13	1.07	1.07	1.07	1.01	1.01	1.01	.95	.95	.95	.92		
1	1.07	1.02	.97	.93	1.03	.99	.95	.77	.93	.90	.87	.88	.85	.83	.83	.81	.79	.76		
2	.97	.89	.82	.76	.94	.86	.80	.65	.81	.76	.72	.77	.73	.69	.73	.69	.66	.64		
3	.89	.78	.70	.64	.85	.76	.69	.56	.72	.66	.61	.68	.63	.59	.65	.60	.57	.54		
4	.81	.69	.61	.54	.78	.68	.60	.48	.64	.57	.52	.61	.55	.50	.58	.53	.49	.47		
5	.75	.62	.53	.47	.72	.61	.53	.42	.58	.51	.45	.55	.49	.44	.52	.47	.43	.41		
6	.69	.56	.48	.41	.67	.55	.47	.37	.52	.45	.40	.50	.44	.39	.48	.42	.38	.36		
7	.64	.51	.43	.37	.62	.50	.42	.34	.48	.41	.35	.46	.39	.35	.44	.38	.34	.32		
8	.60	.47	.38	.33	.58	.46	.38	.30	.44	.37	.32	.42	.36	.31	.40	.35	.31	.29		
9	.56	.43	.35	.30	.54	.42	.35	.27	.40	.34	.29	.39	.33	.28	.37	.32	.28	.26		
10	.53	.40	.32	.27	.51	.39	.32	.25	.38	.31	.26	.36	.30	.26	.35	.29	.25	.24		

Candela Table - Type C

	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5	360
0	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720
5	713	714	713	704	716	717	725	722	715	721	719	717	717	719	729	724	713
10	699	702	699	692	711	711	716	713	712	717	714	715	709	712	720	718	699
15	680	679	684	671	701	700	705	702	698	706	704	706	691	695	707	698	680
20	652	652	654	644	679	680	680	681	680	689	685	690	663	672	679	669	652
25	596	609	610	606	651	652	655	653	652	665	659	668	623	637	640	623	596
30	491	507	597	567	617	618	614	608	612	625	621	633	572	588	588	522	491
35	426	411	464	496	568	567	566	557	558	572	575	583	511	523	474	438	426
40	344	342	358	412	511	508	500	483	482	501	517	523	438	427	392	361	344
45	491	338	280	300	440	438	422	401	406	422	445	453	353	325	313	422	491
50	384	410	235	209	358	357	339	326	335	348	368	376	262	246	335	401	384

55	435	411	302	154	271	276	270	280	293	300	295	294	181	188	346	497	435
60	314	323	259	125	193	203	228	258	286	266	239	220	125	183	377	331	314
65	275	240	228	109	144	153	202	303	316	265	203	160	88	181	264	245	275
70	200	189	167	98	93	121	215	257	287	278	174	119	63	149	213	197	200
75	145	118	103	64	64	100	182	185	191	218	191	91	48	103	138	126	145
80	100	88	63	36	47	83	109	104	108	115	143	72	30	56	86	96	100
85	70	58	37	19	34	61	67	71	73	75	74	53	10	33	55	67	70
90	53	50	35	20	14	36	51	57	59	58	52	35	2	26	40	51	53
95	57	55	41	21	2	22	34	43	43	41	33	16	2	32	46	56	57
100	60	61	48	11	2	21	28	31	30	30	26	15	1	33	50	61	60
105	57	61	54	15	1	18	32	31	28	31	29	12	1	19	56	57	57
110	57	60	19	14	1	13	35	36	33	34	31	13	1	28	34	57	57
115	51	40	21	14	1	21	17	40	38	38	14	12	1	27	11	42	51
120	19	9	43	14	1	21	9	25	34	23	9	11	1	25	47	9	19
125	25	47	37	12	1	20	32	5	8	5	32	11	1	22	48	40	25
130	61	55	33	9	1	17	35	28	16	27	33	9	1	19	40	58	61
135	54	44	28	6	1	13	36	38	37	37	28	7	1	13	34	48	54
140	41	36	24	4	1	7	31	39	39	37	22	5	1	7	28	38	41
145	33	29	19	2	1	3	24	35	38	32	17	3	1	3	23	31	33
150	27	24	11	1	1	2	17	28	31	24	14	1	1	2	15	25	27
155	18	14	5	1	1	1	9	20	22	18	8	1	1	1	5	15	18
160	7	5	2	1	1	2	4	11	14	10	4	1	1	2	2	5	7
165	2	1	1	1	1	2	2	4	5	4	2	1	1	2	1	1	2
170	2	1	1	1	1	2	1	1	2	1	1	1	1	1	2	2	2
175	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1
180	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

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Reported data calculated from manufacturer's data file, based on IES recommended methods.