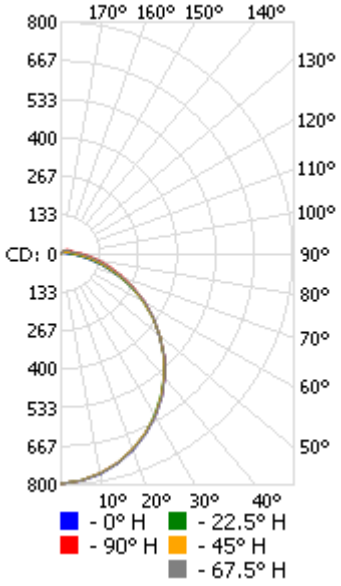
Photometrics Pro

Luminaire Photometric Report

Filename: （DCRO-34-MV-930-NS） O2R32-4X880L1-930-MV-NS

Lamp Output: 1 lamp, rated Lumens/lamp: 2600.6
Max Candela: 796.1 at Horizontal: 247.5°, Vertical: 5°
Input Wattage: 37.856
Luminous Opening: Point
Photometry : Type C
CIE Class: Direct
Cutoff Class: Noncutoff
Nema Type: 5 X 7

Polar Candela Distribution



Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	615.2	23.7%	23.7%
0-40	1,010.6	38.9%	38.9%
0-60	1,808.7	69.6%	69.6%
60-90	634.4	24.4%	24.4%
70-100	401.1	15.4%	15.4%
90-120	123.9	4.8%	4.8%
0-90	2,443.1	93.9%	94%
90-180	155.2	6%	6%
0-180	2,598.3	99.9%	100%

Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

RCC %:	80				70				50			30			10			0
RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	0
RCR: 0	1.18	1.18	1.18	1.18	1.14	1.14	1.14	.94	1.08	1.08	1.08	1.02	1.02	1.02	.96	.96	.96	.94
1	1.06	1.01	.96	.92	1.03	.98	.93	.77	.92	.89	.86	.87	.84	.82	.83	.80	.78	.76
2	.96	.87	.80	.74	.93	.85	.78	.64	.80	.74	.70	.76	.71	.67	.72	.68	.65	.62
3	.87	.76	.67	.61	.84	.74	.66	.54	.70	.63	.58	.67	.61	.56	.63	.58	.54	.52
4	.80	.67	.58	.51	.77	.65	.57	.46	.62	.55	.49	.59	.53	.48	.56	.51	.46	.44
5	.73	.60	.51	.44	.71	.58	.50	.40	.56	.48	.42	.53	.46	.41	.50	.45	.40	.38
6	.67	.54	.45	.38	.65	.52	.44	.35	.50	.42	.37	.48	.41	.36	.46	.40	.35	.33
7	.62	.49	.40	.33	.60	.48	.39	.31	.45	.38	.33	.44	.37	.32	.42	.36	.31	.29
8	.58	.44	.36	.30	.56	.43	.35	.28	.42	.34	.29	.40	.33	.28	.38	.32	.28	.26
9	.54	.41	.32	.27	.52	.40	.32	.25	.38	.31	.26	.37	.30	.26	.35	.29	.25	.23
10	.51	.37	.29	.24	.49	.37	.29	.23	.35	.28	.24	.34	.28	.23	.33	.27	.23	.21

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	792	792	792	792	792	792	792	792	792	792	792	792	792	792	792	792	792
5	785	783	784	785	784	783	780	777	794	793	795	796	795	794	791	787	794
10	771	768	768	769	767	767	765	762	786	787	790	791	791	789	785	781	786
15	748	746	745	746	746	745	743	740	772	774	777	779	780	778	774	767	772
20	720	716	717	719	717	717	715	712	752	754	757	761	762	759	754	748	752
25	685	682	682	685	683	683	681	678	724	728	734	737	738	734	729	722	724
30	646	642	644	646	645	643	643	639	690	695	702	706	709	704	698	689	690
35	602	597	599	603	601	601	599	596	653	657	665	670	674	668	661	651	653
40	553	550	551	553	552	552	550	548	608	613	623	631	633	630	621	609	608
45	500	498	498	501	501	500	497	496	559	567	576	585	589	583	574	562	559
50	441	442	443	442	442	442	443	439	506	514	526	534	540	534	524	511	506

55	387	384	385	388	386	388	384	380	451	458	471	481	486	481	470	456	451
60	327	323	324	330	331	328	323	321	391	401	415	424	430	424	412	400	391
65	264	260	266	271	273	270	262	258	329	340	353	367	373	368	355	339	329
70	201	198	206	216	219	215	206	197	268	277	294	307	314	308	295	279	268
75	143	143	154	166	172	166	155	143	205	215	233	250	258	251	237	218	205
80	93	96	109	125	130	127	112	97	146	158	178	197	205	200	183	160	146
85	58	60	74	90	97	92	77	62	98	117	131	150	161	153	135	117	98
90	33	36	50	64	69	65	52	38	60	69	91	117	122	117	95	73	60
95	21	24	34	46	50	47	36	24	34	42	61	79	88	630	65	45	34
100	16	20	27	35	39	36	28	21	21	27	41	56	63	58	45	29	21
105	13	17	24	32	35	32	26	18	17	20	30	40	46	42	32	20	17
110	11	11	20	29	33	30	21	12	14	14	23	32	36	33	24	14	14
115	9	8	17	27	29	27	17	9	12	10	18	28	32	29	18	10	12
120	8	8	16	23	26	24	16	8	9	8	14	25	28	25	16	9	9
125	8	8	15	20	22	21	15	8	8	8	14	21	24	22	15	8	8
130	8	9	13	18	19	18	13	8	7	8	12	18	20	18	14	9	7
135	8	8	11	15	16	15	11	8	7	9	11	15	17	15	11	10	7
140	7	7	9	12	13	12	9	8	7	9	9	12	14	12	10	10	7
145	6	6	7	9	10	9	7	6	7	8	8	9	10	10	8	8	7
150	5	5	6	7	7	7	6	5	6	7	7	8	8	8	7	7	6
155	4	4	4	5	5	5	4	4	5	5	6	6	6	6	6	6	5
160	4	3	4	4	4	4	3	3	4	5	5	5	6	5	5	5	4
165	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4
170	3	3	3	3	2	3	3	2	3	3	3	3	3	4	3	3	3
175	2	2	2	2	2	2	2	2	3	2	3	3	3	3	3	3	3
180	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

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