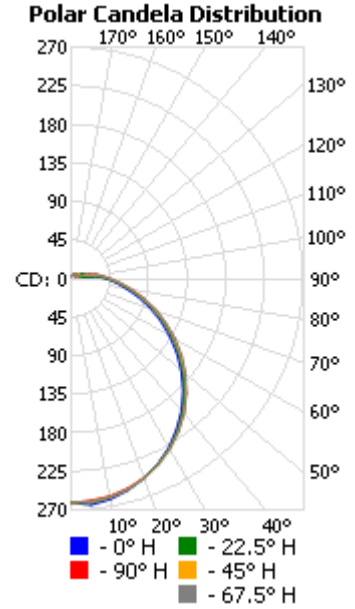


Photometrics Pro

Luminaire Photometric Report

Filename: (DCR-12)D2R12-12DOB-930-120D-NS
 Lamp Output: 1 lamp, rated Lumens/lamp: 963.9
 Max Candela: 265.4 at Horizontal: 180°, Vertical: 5°
 Input Wattage: 13.248
 Luminous Opening: Point
 Test: Sam
 Photometry : Type C
 CIE Class: Direct
 Cutoff Class: Semicutoff



Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	204.1	21.2%	21.2%
0-40	337.4	35%	35%
0-60	615.0	63.8%	63.8%
60-90	262.7	27.3%	27.3%
70-100	184.0	19.1%	19.1%
90-120	65.4	6.8%	6.8%
0-90	877.7	91.1%	91.1%
90-180	85.5	8.9%	8.9%
0-180	963.3	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	.91	1.06	1.06	1.06	1.00	1.00	1.00	.94	.94	.94	.91		
1	1.04	.99	.94	.89	1.01	.95	.91	.72	.89	.86	.82	.84	.81	.78	.79	.77	.74	.71		
2	.94	.85	.77	.71	.90	.82	.75	.59	.77	.71	.66	.72	.68	.63	.68	.64	.61	.58		
3	.85	.74	.65	.58	.82	.72	.63	.50	.67	.60	.55	.63	.57	.53	.60	.55	.51	.48		
4	.78	.65	.56	.49	.75	.63	.54	.42	.59	.52	.46	.56	.50	.44	.53	.47	.43	.40		
5	.71	.58	.48	.41	.69	.56	.47	.36	.53	.45	.39	.50	.43	.38	.47	.42	.37	.35		
6	.66	.52	.43	.36	.63	.50	.42	.32	.48	.40	.34	.45	.38	.33	.43	.37	.32	.30		
7	.61	.47	.38	.32	.59	.46	.37	.28	.43	.36	.30	.41	.34	.29	.39	.33	.29	.26		
8	.57	.43	.34	.28	.55	.42	.33	.25	.40	.32	.27	.38	.31	.26	.36	.30	.25	.23		
9	.53	.39	.31	.25	.51	.38	.30	.23	.36	.29	.24	.35	.28	.24	.33	.27	.23	.21		
10	.49	.36	.28	.23	.48	.35	.27	.21	.34	.27	.22	.32	.26	.21	.31	.25	.21	.19		

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	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260
5	264	262	260	260	259	258	256	255	265	262	260	258	257	257	256	256	265
10	260	259	258	257	256	255	253	251	263	259	256	255	254	253	253	254	263
15	255	254	253	253	252	250	248	246	258	254	251	250	249	248	248	249	258
20	247	247	247	247	246	244	242	239	252	247	244	242	241	241	241	243	252
25	237	238	239	239	238	236	233	229	244	238	235	233	231	231	233	234	244
30	226	228	228	229	228	225	223	218	233	228	224	222	220	221	223	225	233
35	213	215	217	217	216	213	210	206	221	216	212	209	208	208	210	213	221
40	199	201	203	204	203	200	196	192	208	202	198	196	194	194	197	200	208
45	183	186	188	189	188	186	182	177	193	187	183	179	178	179	182	186	193
50	166	169	172	173	172	170	166	160	177	171	166	163	162	163	166	170	177

55	149	152	155	157	155	153	149	144	160	154	150	146	145	146	149	154	160
60	131	135	137	139	138	136	131	126	142	136	132	129	128	129	132	137	142
65	113	117	120	121	120	118	115	109	125	119	114	112	110	112	115	120	125
70	96	99	103	104	104	101	97	92	107	101	97	94	93	95	98	104	107
75	79	83	86	87	87	84	81	76	90	84	81	78	77	79	82	87	90
80	64	67	70	71	71	69	65	61	73	69	65	63	62	63	67	71	73
85	51	54	56	57	57	55	53	49	59	55	52	50	50	51	53	57	59
90	41	43	45	46	46	44	42	39	47	44	41	40	40	41	43	46	47
95	29	31	36	37	37	35	33	26	38	35	33	32	32	33	34	37	38
100	9	9	25	29	29	27	19	7	29	27	27	26	26	27	27	29	29
105	17	14	14	20	21	18	11	17	9	9	19	21	21	21	18	7	9
110	14	16	8	11	13	10	8	14	15	11	14	17	17	16	12	14	15
115	12	14	8	6	6	5	10	12	14	12	8	12	13	11	7	13	14
120	11	11	10	5	4	6	11	10	12	11	5	7	8	6	6	10	12
125	9	10	11	8	6	8	10	9	10	10	7	4	4	4	8	9	10
130	9	9	9	9	8	9	8	8	9	8	8	5	4	5	8	8	9
135	8	8	8	8	8	8	7	7	8	7	7	6	6	7	8	8	8
140	7	7	7	7	7	7	6	6	6	6	6	6	7	6	6	7	6
145	6	6	6	6	6	6	5	5	5	5	5	5	6	6	6	6	5
150	5	5	5	6	6	5	5	5	5	5	4	5	5	5	5	5	5
155	5	5	5	5	5	5	5	4	4	4	4	4	5	5	5	5	4
160	5	5	5	5	5	5	4	4	4	4	4	4	4	5	5	5	4
165	4	4	4	4	4	4	4	4	4	3	4	4	4	4	4	4	4
170	4	3	4	4	4	3	3	3	4	3	3	3	4	4	4	4	4
175	3	3	3	3	3	3	3	3	3	3	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

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