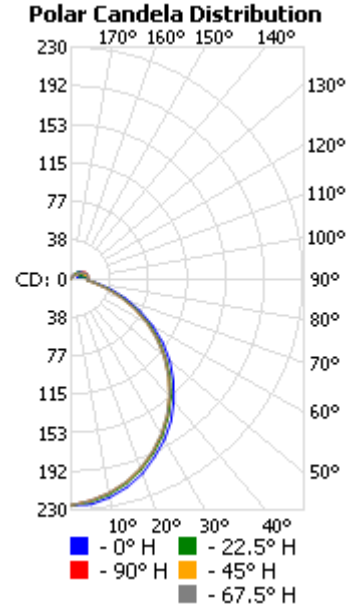


Photometrics Pro

Luminaire Photometric Report

Filename: (DCR-14)D2R14-17DOB-930-120D-NS
 Lamp Output: 1 lamp, rated Lumens/lamp: 761.3
 Max Candela: 227.8 at Horizontal: 180°, Vertical: 5°
 Input Wattage: 16.929
 Luminous Opening: Point
 Test: Sam
 Photometry : Type C
 CIE Class: Direct
 Cutoff Class: Semicutoff
 Nema Type: 5 X 7



Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	174.7	22.9%	23%
0-40	287.3	37.7%	37.8%
0-60	516.2	67.8%	67.9%
60-90	178.7	23.5%	23.5%
70-100	108.4	14.2%	14.2%
90-120	45.0	5.9%	5.9%
0-90	694.9	91.3%	91.3%
90-180	65.8	8.6%	8.7%
0-180	760.7	99.9%	100%

Coefficients Of Utilization - Zonal Cavity Method

RCC %:	Effective Floor Cavity Reflectance: 20%																				
	80				70				50				30				10				0
RW %:	70	50	30	0	70	50	30	0	50	30	20	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	.91	.91	.91
1	1.05	1.00	.96	.91	1.02	.97	.93	.75	.91	.88	.85	.86	.83	.80	.81	.79	.77	.74	.74	.74	.74
2	.95	.87	.80	.73	.92	.84	.77	.62	.79	.74	.69	.74	.70	.66	.70	.67	.63	.61	.61	.61	.61
3	.87	.76	.67	.61	.83	.74	.66	.52	.69	.63	.57	.65	.60	.55	.62	.57	.53	.51	.51	.51	.51
4	.79	.67	.58	.51	.76	.65	.57	.45	.61	.54	.48	.58	.52	.47	.55	.50	.45	.43	.43	.43	.43
5	.73	.60	.50	.44	.70	.58	.49	.39	.55	.47	.42	.52	.46	.40	.49	.44	.39	.37	.37	.37	.37
6	.67	.54	.44	.38	.65	.52	.44	.34	.49	.42	.36	.47	.40	.35	.45	.39	.34	.32	.32	.32	.32
7	.62	.48	.40	.33	.60	.47	.39	.30	.45	.37	.32	.43	.36	.31	.41	.35	.30	.28	.28	.28	.28
8	.58	.44	.36	.30	.56	.43	.35	.27	.41	.34	.29	.39	.33	.28	.37	.32	.27	.25	.25	.25	.25
9	.54	.40	.32	.27	.52	.39	.32	.24	.38	.31	.26	.36	.30	.25	.34	.29	.25	.23	.23	.23	.23
10	.51	.37	.29	.24	.49	.36	.29	.22	.35	.28	.23	.33	.27	.23	.32	.26	.22	.20	.20	.20	.20

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	224	224	224	224	224	224	224	224	224	224	224	224	224	224	224	224	224
5	224	222	221	220	220	220	221	222	228	226	225	225	224	224	224	223	228
10	220	217	215	215	215	216	217	218	226	225	225	224	223	223	222	221	226
15	214	210	208	208	209	210	212	213	223	222	222	222	221	220	218	217	223
20	205	201	200	199	200	202	204	206	218	218	218	217	216	215	213	211	218
25	195	191	189	189	190	192	194	197	211	212	211	211	210	208	206	203	211
30	184	180	178	178	179	181	183	186	203	203	203	203	202	199	197	194	203
35	172	167	165	165	166	168	172	175	192	193	194	193	192	189	186	183	192
40	158	153	151	151	152	155	158	162	180	182	183	182	181	178	175	171	180
45	143	138	135	136	137	140	143	148	167	169	170	170	168	165	162	158	167
50	127	121	120	120	121	124	128	133	154	155	157	156	155	152	148	144	154

55	110	105	103	103	105	108	112	<u>116</u>	<u>138</u>	<u>141</u>	<u>142</u>	<u>141</u>	<u>140</u>	<u>137</u>	<u>133</u>	<u>128</u>	<u>138</u>
60	93	88	85	85	87	91	95	100	<u>122</u>	<u>126</u>	<u>126</u>	<u>126</u>	<u>124</u>	<u>121</u>	<u>117</u>	112	<u>122</u>
65	74	70	67	67	69	73	77	82	105	108	109	110	108	105	100	95	105
70	57	52	50	51	52	55	59	64	87	91	93	92	91	87	82	77	87
75	41	37	35	35	36	39	43	47	69	73	75	75	73	69	65	60	69
80	26	24	22	22	23	25	29	33	52	56	57	57	55	52	48	43	52
85	16	16	15	15	15	15	17	20	37	40	41	41	40	36	33	29	37
90	16	16	16	16	16	16	16	16	23	26	27	26	26	23	21	17	23
95	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
100	10	13	16	17	16	16	14	10	16	16	16	16	16	16	16	16	16
105	6	8	14	16	16	16	13	7	10	10	16	16	16	16	15	11	10
110	13	11	13	16	16	14	12	12	7	8	13	16	17	16	13	5	7
115	13	10	12	14	15	13	11	12	14	11	12	15	16	14	12	11	14
120	12	10	10	12	13	12	10	12	14	11	11	13	14	13	10	12	14
125	11	10	8	10	10	10	8	11	13	11	10	12	12	11	8	12	13
130	10	10	6	8	8	8	7	10	11	11	8	9	9	8	7	12	11
135	8	8	5	4	5	5	7	8	10	11	7	6	6	6	7	10	10
140	7	7	5	3	3	4	7	7	9	10	7	5	4	4	7	9	9
145	5	5	5	3	2	4	6	6	8	8	7	5	4	5	8	8	8
150	4	3	4	3	3	4	4	5	6	7	7	5	4	5	6	6	6
155	2	2	2	2	2	2	3	3	5	5	6	5	5	5	5	4	5
160	1	1	1	1	1	2	2	2	3	4	4	4	4	4	3	3	3
165	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
170	0	0	0	0	0	1	1	1	1	1	2	2	1	1	1	1	1
175	0	0	0	0	0	0	0	0	1	1	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.