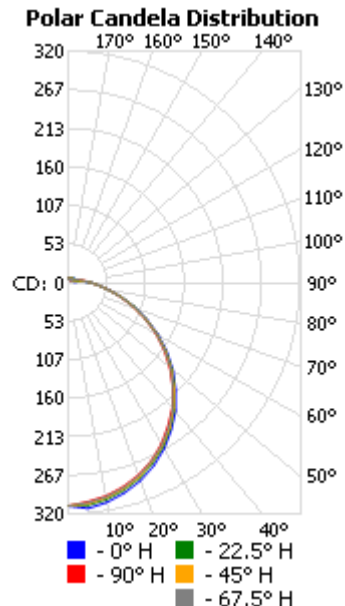


# Photometrics Pro

## Luminaire Photometric Report

**Filename: (DCS-14)C144-1X17DOB-930-120D-NS**  
 Lamp Output: 1 lamp, rated Lumens/lamp: 1067.8  
 Max Candela: 314.4 at Horizontal: 180°, Vertical: 5°  
 Input Wattage: 17.623  
 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	240.4	22.5%	22.5%
0-40	396.7	37.2%	37.2%
0-60	717.5	67.2%	67.2%
60-90	273.6	25.6%	25.6%
70-100	176.0	16.5%	16.5%
90-120	54.5	5.1%	5.1%
0-90	991.2	92.8%	92.9%
90-180	75.8	7.1%	7.1%
0-180	1,067.0	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	1.14	1.14	1.14	.93	1.07	1.07	1.07	1.01	1.01	1.01	.95	.95	.95	.93		
1	1.05	1.00	.95	.90	1.02	.97	.92	.75	.91	.88	.84	.86	.83	.80	.81	.79	.77	.74		
2	.95	.86	.79	.72	.92	.84	.77	.62	.79	.73	.68	.74	.70	.66	.70	.66	.63	.60		
3	.86	.75	.66	.59	.83	.73	.65	.52	.69	.62	.57	.65	.59	.55	.62	.57	.53	.50		
4	.79	.66	.57	.50	.76	.64	.56	.44	.61	.54	.48	.58	.51	.46	.55	.49	.45	.42		
5	.72	.59	.50	.43	.70	.57	.49	.38	.54	.47	.41	.52	.45	.40	.49	.43	.39	.36		
6	.67	.53	.44	.37	.64	.52	.43	.34	.49	.41	.36	.47	.40	.35	.44	.39	.34	.32		
7	.62	.48	.39	.33	.60	.47	.38	.30	.45	.37	.31	.42	.36	.31	.41	.35	.30	.28		
8	.57	.44	.35	.29	.55	.43	.34	.27	.41	.33	.28	.39	.32	.27	.37	.31	.27	.25		
9	.54	.40	.32	.26	.52	.39	.31	.24	.37	.30	.25	.36	.29	.25	.34	.28	.24	.22		
10	.50	.37	.29	.23	.49	.36	.28	.22	.35	.28	.23	.33	.27	.22	.32	.26	.22	.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	307	307	307	307	307	307	307	307	307	307	307	307	307	307	307	307	307
5	312	308	306	304	303	302	301	301	314	310	308	306	305	305	304	303	314
10	307	303	301	299	298	296	296	296	312	308	305	303	303	302	301	301	312
15	299	296	294	292	291	290	289	288	307	303	300	299	298	297	297	297	307
20	290	286	285	283	282	280	280	279	299	295	293	291	291	291	290	290	299
25	278	274	272	271	270	268	268	267	290	286	283	282	282	282	281	281	290
30	264	261	259	258	256	254	254	253	278	274	271	270	270	270	270	269	278
35	247	244	243	242	240	239	238	237	264	260	257	256	256	256	256	256	264
40	230	226	225	224	223	221	221	219	248	244	242	240	241	241	240	241	248
45	209	207	206	204	203	202	201	200	230	225	224	223	223	223	223	223	230
50	188	186	185	184	182	181	180	180	210	207	204	204	204	204	205	204	210

55	<a href="#">165</a>	<a href="#">164</a>	<a href="#">163</a>	<a href="#">162</a>	<a href="#">161</a>	<a href="#">160</a>	<a href="#">159</a>	<a href="#">158</a>	<a href="#">189</a>	<a href="#">186</a>	<a href="#">184</a>	<a href="#">183</a>	<a href="#">183</a>	<a href="#">183</a>	<a href="#">184</a>	<a href="#">185</a>	<a href="#">189</a>
60	143	141	140	139	139	137	136	135	<a href="#">167</a>	<a href="#">164</a>	<a href="#">162</a>	<a href="#">162</a>	<a href="#">161</a>	<a href="#">163</a>	<a href="#">163</a>	<a href="#">163</a>	<a href="#">167</a>
65	119	118	117	116	116	115	114	113	144	141	140	139	140	140	140	141	144
70	97	96	95	95	94	93	92	92	121	119	117	117	117	117	119	119	121
75	75	75	75	74	73	73	72	71	99	96	95	95	95	96	96	97	99
80	57	56	56	56	56	55	55	54	77	75	74	74	74	75	75	76	77
85	42	42	42	41	41	41	40	40	58	57	56	56	56	57	58	58	58
90	32	32	31	31	31	30	30	30	43	42	41	41	41	42	43	43	43
95	21	22	24	24	24	24	23	22	33	32	31	31	31	32	32	32	33
100	8	8	17	19	19	18	15	5	24	23	24	24	24	24	24	22	24
105	13	9	12	15	15	14	10	11	8	9	16	19	19	18	15	6	8
110	12	10	8	11	12	10	8	11	12	9	12	14	15	14	11	11	12
115	11	10	6	8	8	7	6	10	12	9	9	11	11	10	8	11	12
120	10	10	6	5	6	5	6	9	10	9	7	8	9	8	7	10	10
125	9	9	7	4	4	5	8	8	9	9	6	6	6	6	6	10	9
130	8	8	7	5	5	6	8	8	9	9	6	4	4	5	7	9	9
135	8	8	8	6	6	7	8	8	8	8	7	5	4	5	8	8	8
140	7	7	7	7	7	7	7	7	8	8	7	6	5	6	8	8	8
145	7	7	7	7	7	7	7	7	7	7	7	6	6	6	7	7	7
150	7	7	7	6	7	6	7	7	7	7	7	7	7	7	7	7	7
155	7	6	6	6	6	6	6	6	7	7	7	6	6	6	6	7	7
160	6	6	6	6	6	6	6	6	7	7	6	6	6	6	6	6	7
165	6	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
170	5	5	5	5	5	5	5	5	6	6	6	6	6	5	5	5	6
175	6	6	6	6	6	6	6	6	6	6	5	6	5	5	5	5	6
180	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6

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