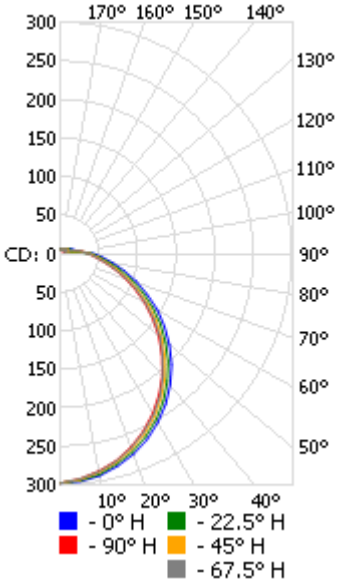
Photometrics Pro

Luminaire Photometric Report

Filename: (DCF-14)C145-1X1760R-930-120D-ORB

Lamp Output: 1 lamp, rated Lumens/lamp: 1105
Max Candela: 298.3 at Horizontal: 292.5°, Vertical: 5°
Input Wattage: 17.752
Luminous Opening: Point
Test: Sam
Photometry : Type C
CIE Class: Direct
Cutoff Class: Noncutoff

Polar Candela Distribution



Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	232.6	21.1%	21.1%
0-40	384.6	34.8%	34.8%
0-60	701.5	63.5%	63.5%
60-90	302.4	27.4%	27.4%
70-100	212.5	19.2%	19.2%
90-120	74.3	6.7%	6.7%
0-90	1,003.9	90.9%	90.9%
90-180	100.4	9.1%	9.1%
0-180	1,104.2	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	1.17	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	.93	.89	1.00	.95	.91	.72	.89	.86	.82	.84	.81	.78	.79	.76	.74	.71
2	.94	.85	.77	.71	.90	.82	.75	.59	.77	.71	.66	.72	.67	.63	.68	.64	.60	.58
3	.85	.74	.65	.58	.82	.71	.63	.49	.67	.60	.54	.63	.57	.52	.59	.54	.50	.48
4	.78	.65	.56	.48	.75	.63	.54	.42	.59	.52	.46	.56	.49	.44	.53	.47	.43	.40
5	.71	.58	.48	.41	.68	.56	.47	.36	.53	.45	.39	.50	.43	.38	.47	.41	.37	.34
6	.66	.52	.42	.36	.63	.50	.42	.32	.48	.40	.34	.45	.38	.33	.43	.37	.32	.30
7	.61	.47	.38	.31	.58	.46	.37	.28	.43	.36	.30	.41	.34	.29	.39	.33	.28	.26
8	.57	.43	.34	.28	.54	.42	.33	.25	.39	.32	.27	.37	.31	.26	.36	.30	.25	.23
9	.53	.39	.31	.25	.51	.38	.30	.23	.36	.29	.24	.34	.28	.23	.33	.27	.23	.21
10	.49	.36	.28	.23	.48	.35	.27	.20	.33	.27	.22	.32	.26	.21	.30	.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	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296
5	295	294	293	292	292	292	293	293	297	297	297	298	298	298	298	297	297
10	291	289	287	286	285	285	286	288	294	295	296	297	297	298	297	297	294
15	284	281	279	278	277	277	278	280	289	291	293	294	295	295	295	293	289
20	275	272	269	267	266	266	268	270	283	285	287	289	290	290	289	288	283
25	265	260	257	254	253	254	255	258	273	276	280	282	283	283	282	279	273
30	251	247	243	240	238	239	241	244	263	266	270	272	274	274	273	270	263
35	237	232	227	224	222	222	225	229	249	254	258	261	263	263	261	258	249
40	220	214	210	206	205	205	207	211	234	239	244	248	249	249	247	244	234
45	203	196	191	186	185	186	189	193	218	224	228	232	234	234	233	228	218
50	184	177	171	168	166	166	169	173	200	205	211	215	218	218	215	211	200

55	164	157	151	147	145	146	149	154	181	187	192	197	199	200	197	192	181
60	144	137	131	127	125	126	128	133	161	167	173	178	180	180	178	173	161
65	123	117	110	108	105	106	109	113	141	148	153	158	160	160	158	153	141
70	104	98	92	89	87	87	90	94	121	128	133	138	140	141	138	133	121
75	85	80	74	71	70	71	73	77	102	108	114	118	121	120	118	113	102
80	69	64	59	57	56	56	58	61	84	89	95	99	101	101	99	94	84
85	55	51	48	45	45	45	47	49	67	72	77	81	83	83	80	76	67
90	44	40	38	37	36	37	38	40	54	58	61	65	66	66	64	61	54
95	26	24	29	30	29	29	26	20	43	46	49	52	53	53	51	48	43
100	10	8	18	23	23	21	14	11	26	30	39	41	43	43	40	30	26
105	19	17	9	14	15	13	8	15	10	10	26	33	34	33	25	9	10
110	16	15	8	7	8	6	11	12	18	14	15	22	24	21	14	21	18
115	14	13	11	6	4	7	13	10	14	15	9	13	15	12	9	19	14
120	13	11	11	9	8	10	11	9	11	14	8	7	8	7	11	16	11
125	11	10	10	10	10	10	10	9	9	12	10	6	5	7	13	14	9
130	10	9	9	9	9	9	9	8	9	11	12	8	7	9	13	12	9
135	9	8	8	8	8	8	8	8	9	10	11	10	9	11	11	10	9
140	8	8	7	7	8	7	7	7	9	9	10	10	10	10	10	9	9
145	8	7	7	7	7	7	6	6	8	8	9	9	9	9	9	9	8
150	7	6	6	6	6	6	6	6	7	8	8	8	9	9	8	8	7
155	7	6	6	6	6	6	6	6	6	7	7	8	8	8	8	7	6
160	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	6
165	6	6	6	5	5	6	6	6	6	6	6	6	7	7	6	6	6
170	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6
175	6	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	5
180	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

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