

Photometrics Pro

Luminaire Photometric Report

Filename: (UCL-42-18-120D-93040-WH) UCD-35-42-180 DOB-934SWH

Lamp Output: 1 lamp, rated Lumens/lamp: 921.5

Max Candela: 290.5 at Horizontal: 112.5°, Vertical: 20°

Input Wattage: 17.997

Luminous Opening: Point

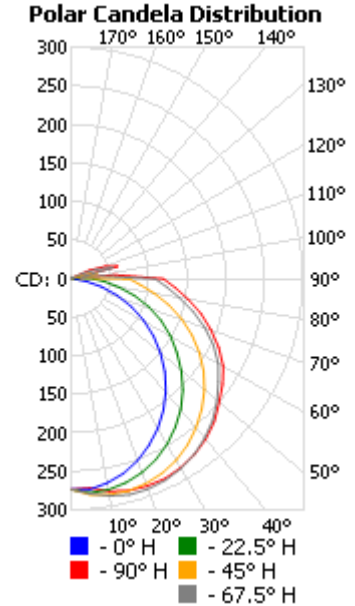
Test: Sam

Photometry : Type C

CIE Class: Direct

Cutoff Class: Noncutoff

Nema Type: 5 X 7



Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	212.5	23.1%	23.1%
0-40	349.7	37.9%	38%
0-60	633.4	68.7%	68.8%
60-90	251.2	27.3%	27.3%
70-100	152.5	16.5%	16.6%
90-120	34.2	3.7%	3.7%
0-90	884.6	96%	96.1%
90-180	36.2	3.9%	3.9%
0-180	920.7	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	10	50	30	20	10	50	30	20	0
RCR: 0	1.18	1.18	1.18	1.18	1.15	1.15	1.15	.96	1.09	1.09	1.09	1.03	1.03	1.03	1.03	1.03	.98	.98	.98	.96
1	1.06	1.00	.95	.91	1.03	.97	.93	.77	.92	.89	.85	.88	.85	.82	.84	.81	.79	.76	.76	.76
2	.95	.86	.79	.72	.92	.84	.77	.64	.80	.74	.69	.76	.71	.67	.72	.68	.65	.62	.62	.62
3	.87	.75	.66	.59	.84	.73	.65	.53	.70	.63	.57	.66	.60	.55	.63	.58	.54	.51	.51	.51
4	.79	.66	.57	.50	.76	.65	.56	.45	.62	.54	.48	.59	.52	.47	.56	.51	.46	.43	.43	.43
5	.73	.59	.50	.43	.70	.58	.49	.39	.55	.47	.41	.53	.46	.40	.50	.44	.40	.37	.37	.37
6	.67	.53	.44	.37	.65	.52	.43	.34	.50	.42	.36	.47	.41	.35	.45	.39	.35	.32	.32	.32
7	.62	.48	.39	.32	.60	.47	.38	.30	.45	.37	.32	.43	.36	.31	.41	.35	.31	.29	.29	.29
8	.58	.44	.35	.29	.56	.43	.34	.27	.41	.34	.28	.40	.33	.28	.38	.32	.27	.25	.25	.25
9	.54	.40	.32	.26	.52	.39	.31	.24	.38	.30	.25	.36	.30	.25	.35	.29	.25	.23	.23	.23
10	.50	.37	.29	.23	.49	.36	.28	.22	.35	.28	.23	.34	.27	.23	.33	.27	.22	.21	.21	.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	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272
5	273	277	280	279	271	281	281	275	275	272	268	263	251	262	267	267	275
10	268	277	283	284	279	286	284	275	271	265	258	252	241	253	257	260	271
15	260	272	284	289	283	289	285	271	265	254	246	238	228	239	244	250	265
20	250	266	281	289	285	290	283	265	257	242	232	224	213	224	231	238	257
25	237	258	277	287	285	288	279	257	245	229	217	208	197	208	214	223	245
30	223	247	271	283	282	284	272	247	232	213	200	191	182	191	197	207	232
35	207	234	262	277	277	277	263	235	217	195	183	172	165	172	178	190	217
40	190	220	250	268	270	269	253	220	201	178	165	155	148	154	159	171	201
45	171	203	238	258	261	258	240	204	182	158	146	137	130	136	140	152	182
50	150	185	224	245	249	247	226	189	163	138	127	118	113	117	121	132	163

55	129	166	208	232	238	235	209	171	143	118	107	100	95	98	103	113	143
60	108	148	191	219	226	220	192	152	122	98	88	82	77	81	84	92	122
65	86	128	172	202	210	203	174	132	100	77	69	64	61	63	66	72	100
70	63	106	151	183	191	185	154	111	78	57	52	47	45	46	48	52	78
75	40	84	130	162	173	165	132	89	55	38	34	32	30	31	32	34	55
80	20	62	109	142	153	146	112	67	33	22	19	17	15	16	17	18	33
85	5	43	89	123	135	127	93	47	14	8	7	5	4	4	5	6	14
90	0	28	75	108	119	111	77	34	1	1	1	1	1	1	1	0	1
95	0	11	12	41	57	48	15	8	0	0	0	0	0	0	0	0	0
100	0	5	34	13	4	9	25	6	0	0	0	0	0	0	0	0	0
105	0	2	25	55	62	56	27	1	0	0	0	0	0	0	0	0	0
110	0	1	9	37	47	37	12	1	0	0	0	0	0	0	0	0	0
115	0	1	2	16	26	17	2	1	0	0	0	0	0	0	0	0	0
120	0	1	2	3	5	2	1	0	0	0	0	0	0	0	0	0	0
125	0	0	1	2	2	2	1	0	0	0	0	0	0	0	0	0	0
130	0	0	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0
135	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
140	0	2	1	1	1	1	1	2	0	0	0	0	0	0	0	0	0
145	0	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0
150	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0
155	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0
160	0	0	1	3	2	3	0	0	0	0	0	0	0	0	0	0	0
165	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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