

Photometrics Pro

Luminaire Photometric Report

Filename: (UCL-18-9-120D-93040-WH) UCD35-18-090DOB-934SWH

Lamp Output: 1 lamp, rated Lumens/lamp: 459.1

Max Candela: 149.4 at Horizontal: 67.5°, Vertical: 5°

Input Wattage: 8.91

Luminous Opening: Point

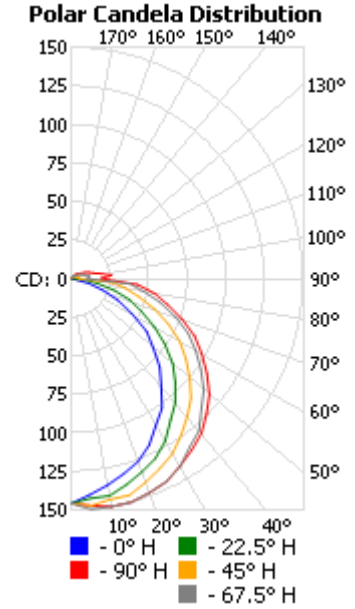
Test: Sam

Photometry : Type C

CIE Class: Direct

Cutoff Class: Noncutoff

Nema Type: 5 X 7



Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	113.1	24.6%	24.7%
0-40	185.7	40.5%	40.5%
0-60	333.4	72.6%	72.7%
60-90	113.9	24.8%	24.8%
70-100	60.8	13.2%	13.3%
90-120	9.3	2%	2%
0-90	447.3	97.4%	97.5%
90-180	11.3	2.5%	2.5%
0-180	458.7	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	1.18	1.18	1.18	1.18	1.15	1.15	1.15	.97	1.10	1.10	1.10	1.04	1.04	1.04	1.00	1.00	1.00	.97
1	1.07	1.02	.97	.93	1.04	.99	.95	.80	.94	.91	.88	.90	.87	.84	.86	.84	.81	.79
2	.97	.88	.81	.75	.94	.86	.79	.66	.82	.76	.71	.78	.73	.69	.75	.71	.67	.65
3	.88	.77	.68	.61	.85	.75	.67	.56	.72	.65	.59	.68	.63	.58	.66	.61	.57	.54
4	.80	.68	.59	.52	.78	.66	.58	.48	.63	.56	.50	.61	.54	.49	.58	.53	.48	.46
5	.74	.60	.51	.44	.71	.59	.50	.41	.57	.49	.43	.54	.48	.42	.52	.46	.42	.40
6	.68	.54	.45	.39	.66	.53	.45	.36	.51	.43	.38	.49	.42	.37	.47	.41	.37	.34
7	.63	.49	.40	.34	.61	.48	.40	.32	.46	.39	.33	.45	.38	.33	.43	.37	.32	.30
8	.59	.45	.36	.30	.57	.44	.36	.29	.42	.35	.30	.41	.34	.29	.40	.34	.29	.27
9	.55	.41	.33	.27	.53	.40	.32	.26	.39	.32	.27	.38	.31	.26	.37	.31	.26	.24
10	.51	.38	.30	.24	.50	.37	.30	.24	.36	.29	.24	.35	.28	.24	.34	.28	.24	.22

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	145	145	145	145	145	145	145	145	145	145	145	145	145	145	145	145	145
5	140	142	147	149	147	147	147	145	145	145	142	145	142	142	145	142	145
10	135	142	145	149	149	147	147	142	145	142	140	140	138	140	140	142	145
15	130	138	145	149	149	147	145	138	142	138	135	135	133	133	135	138	142
20	126	133	140	147	147	145	142	133	140	133	130	128	128	128	130	133	140
25	119	128	135	145	145	142	138	128	135	128	123	121	119	121	123	128	135
30	109	121	130	140	140	138	130	121	128	121	116	111	111	111	116	121	128
35	102	111	123	133	135	130	126	114	123	114	107	104	102	104	107	111	123
40	90	104	116	128	130	126	116	104	116	104	97	95	92	95	97	104	116
45	81	95	109	119	123	119	109	97	107	95	88	85	83	85	88	95	107
50	69	85	100	111	116	109	100	85	97	85	78	74	71	74	78	85	97

55	59	74	<u>90</u>	<u>102</u>	<u>107</u>	<u>102</u>	<u>90</u>	<u>76</u>	<u>88</u>	<u>76</u>	69	64	62	64	66	74	<u>88</u>
60	45	62	<u>81</u>	<u>92</u>	<u>97</u>	<u>92</u>	<u>81</u>	64	<u>76</u>	64	57	52	52	52	57	64	<u>76</u>
65	33	50	69	<u>83</u>	<u>88</u>	<u>81</u>	69	52	66	55	47	43	40	43	45	52	66
70	21	40	57	71	<u>76</u>	71	57	40	55	43	36	33	31	33	36	40	55
75	12	28	45	59	64	59	47	28	43	31	26	24	21	24	26	31	43
80	2	17	36	47	55	50	36	19	31	19	17	14	14	14	17	19	31
85	0	9	26	38	43	38	28	12	19	12	7	5	5	5	7	9	19
90	0	2	5	9	19	9	5	2	7	2	2	0	0	0	2	2	7
95	0	0	5	12	26	14	5	2	2	0	0	0	0	0	0	0	2
100	0	0	5	12	19	12	5	2	0	0	0	0	0	0	0	0	0
105	0	0	5	9	14	9	5	2	0	0	0	0	0	0	0	0	0
110	0	0	2	7	12	9	5	0	0	0	0	0	0	0	0	0	0
115	0	0	2	7	9	7	5	0	0	0	0	0	0	0	0	0	0
120	0	0	2	5	7	7	2	0	0	0	0	0	0	0	0	0	0
125	0	0	2	5	5	5	2	0	0	0	0	0	0	0	0	0	0
130	0	0	2	2	5	5	2	0	0	0	0	0	0	0	0	0	0
135	0	0	2	2	5	2	2	0	0	0	0	0	0	0	0	0	0
140	0	0	0	2	2	2	2	0	0	0	0	0	0	0	0	0	0
145	0	0	0	2	2	2	0	0	0	0	0	0	0	0	0	0	0
150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
155	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
165	0	0	0	0	0	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.