

Photometrics Pro

Luminaire Photometric Report

Filename: **GCC-19-34-MV-940 IES File**

Lamp Output: 1 lamp, rated Lumens/lamp: 2084.7

Max Candela: 591.0 at Horizontal: 180°, Vertical: 5°

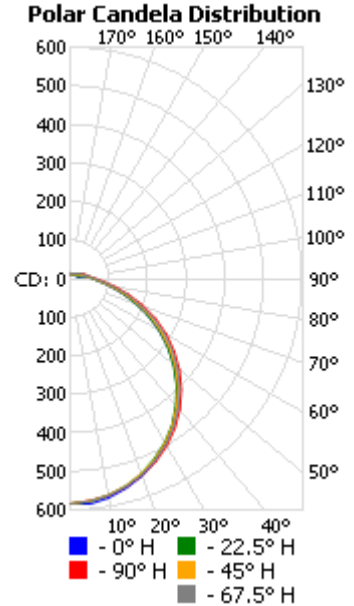
Input Wattage: 35.452

Luminous Opening: Point

Photometry : Type C

CIE Class: Direct

Cutoff Class: Semicutoff



Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	456.1	21.9%	21.9%
0-40	754.1	36.2%	36.2%
0-60	1,371.3	65.8%	65.8%
60-90	528.4	25.3%	25.4%
70-100	342.3	16.4%	16.4%
90-120	127.3	6.1%	6.1%
0-90	1,899.7	91.1%	91.2%
90-180	183.4	8.8%	8.8%
0-180	2,083.1	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	.99	.95	.90	1.01	.96	.92	.74	.90	.87	.83	.85	.82	.79	.80	.78	.75	.73	.73	.73	.73
2	.95	.86	.78	.72	.91	.83	.76	.61	.78	.72	.68	.73	.69	.65	.69	.65	.62	.59	.59	.59	.59
3	.86	.75	.66	.59	.83	.73	.65	.51	.68	.61	.56	.64	.59	.54	.61	.56	.52	.49	.49	.49	.49
4	.78	.66	.57	.50	.75	.64	.55	.43	.60	.53	.47	.57	.51	.46	.54	.48	.44	.42	.42	.42	.42
5	.72	.59	.49	.42	.69	.57	.48	.37	.54	.46	.41	.51	.44	.39	.48	.43	.38	.36	.36	.36	.36
6	.66	.53	.43	.37	.64	.51	.43	.33	.48	.41	.35	.46	.39	.34	.44	.38	.33	.31	.31	.31	.31
7	.61	.48	.39	.32	.59	.46	.38	.29	.44	.37	.31	.42	.35	.30	.40	.34	.29	.27	.27	.27	.27
8	.57	.43	.35	.29	.55	.42	.34	.26	.40	.33	.28	.38	.32	.27	.36	.31	.26	.24	.24	.24	.24
9	.53	.40	.31	.26	.51	.39	.31	.23	.37	.30	.25	.35	.29	.24	.34	.28	.24	.22	.22	.22	.22
10	.50	.37	.29	.23	.48	.36	.28	.21	.34	.27	.22	.33	.26	.22	.31	.25	.21	.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	581	581	581	581	581	581	581	581	581	581	581	581	581	581	581	581	581
5	584	578	576	576	576	576	575	575	591	584	581	579	577	577	575	575	591
10	574	568	567	568	569	569	569	569	588	582	577	573	571	569	568	568	588
15	559	554	554	555	558	558	559	558	580	573	567	564	561	558	557	556	580
20	541	535	536	539	542	543	544	543	568	561	555	550	546	543	541	540	568
25	518	512	515	518	522	524	525	524	551	545	537	533	527	523	521	521	551
30	491	487	489	494	498	501	502	502	529	523	516	510	504	500	498	497	529
35	460	458	460	465	470	474	475	474	505	498	491	483	477	472	469	469	505
40	426	423	427	434	439	443	443	443	477	470	462	454	446	442	438	438	477
45	390	387	392	399	405	409	412	410	444	438	429	421	413	407	404	404	444
50	350	347	353	361	367	373	375	372	408	403	394	385	376	370	368	368	408

55	307	307	312	321	327	333	335	335	371	365	356	346	337	330	327	328	371
60	263	263	269	278	286	291	295	293	330	324	315	305	296	290	286	288	330
65	220	218	226	234	242	248	251	250	287	283	272	262	252	246	243	243	287
70	175	173	182	188	198	205	207	206	242	238	229	218	209	202	200	200	242
75	134	135	140	149	155	162	165	164	199	195	185	176	166	160	157	159	199
80	100	100	104	110	117	122	126	125	156	153	143	135	126	122	119	121	156
85	75	75	78	82	87	91	93	93	117	117	143	101	95	91	89	90	117
90	59	58	60	62	65	69	70	70	88	85	80	75	71	69	68	68	88
95	49	48	49	50	52	54	54	54	66	65	61	58	56	55	54	55	66
100	35	39	40	44	45	45	40	33	52	52	49	48	47	47	46	46	52
105	18	20	34	39	40	39	34	21	31	35	37	42	42	41	39	39	31
110	22	22	30	34	36	34	30	27	18	19	32	36	37	37	33	23	18
115	28	24	26	30	32	30	27	26	25	24	28	32	33	32	28	20	25
120	25	22	23	26	28	26	24	24	29	25	26	28	29	28	25	23	29
125	22	20	21	23	24	24	22	22	26	23	23	24	25	24	22	21	26
130	20	18	19	21	22	21	20	20	24	21	21	22	22	21	19	19	24
135	18	17	17	19	19	19	19	18	21	19	19	19	19	18	18	17	21
140	16	15	16	17	17	17	17	17	19	17	17	17	17	16	16	15	19
145	15	14	15	16	16	16	16	16	17	15	16	16	15	15	14	14	17
150	14	13	14	14	15	15	15	15	16	14	14	14	14	14	13	13	16
155	14	13	13	13	14	14	14	14	15	14	13	14	13	13	12	12	15
160	14	13	13	13	13	13	13	14	14	13	12	13	13	12	12	13	14
165	13	12	12	12	13	13	13	13	14	13	12	12	12	12	12	12	14
170	12	12	12	12	12	12	12	12	14	13	12	12	12	12	12	12	14
175	15	13	13	13	14	13	13	13	13	13	12	12	12	12	12	12	13
180	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14

Photometrics Pro 1.3.29 copyright 2003-2017 by jSolutions, Inc.
 Reported data calculated from manufacturer's data file, based on IES recommended methods.