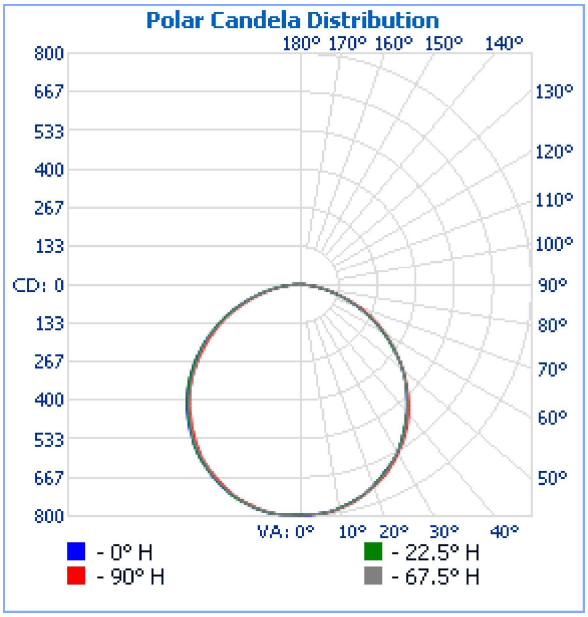
Photometrics Pro

Luminaire Photometric Report

Filename: 4350-1BN-3K-15
Lamp Output: Total luminaire Lumens: 2283.5
Max Candela: 796.7 at Horizontal: 180°, Vertical: 5°
Input Wattage: 29.7
Luminous Opening: Point
Photometry : Type C
Cutoff Class: Cutoff
Nema Type: 7 X 7



Flood Summary

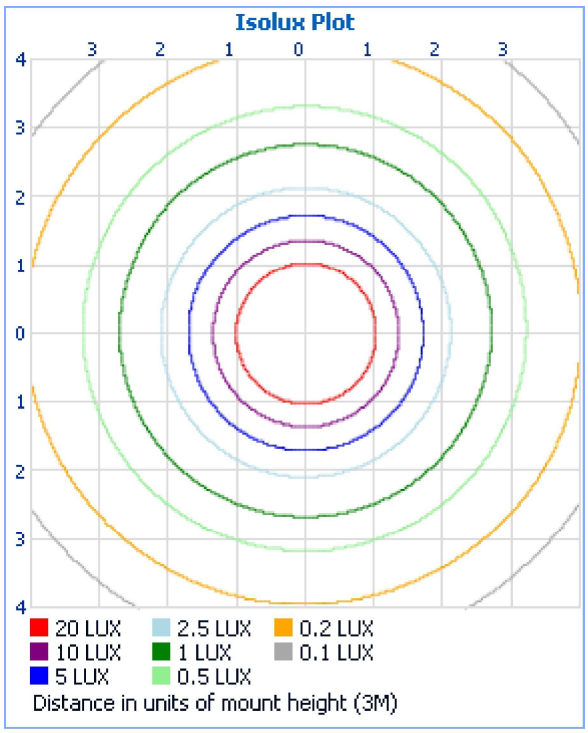
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	98.2%	2,242.9	160.7	161.1
Beam (50%):	73.2%	1,672.6	111.7	112.8
Total:	100%	2,282.6		

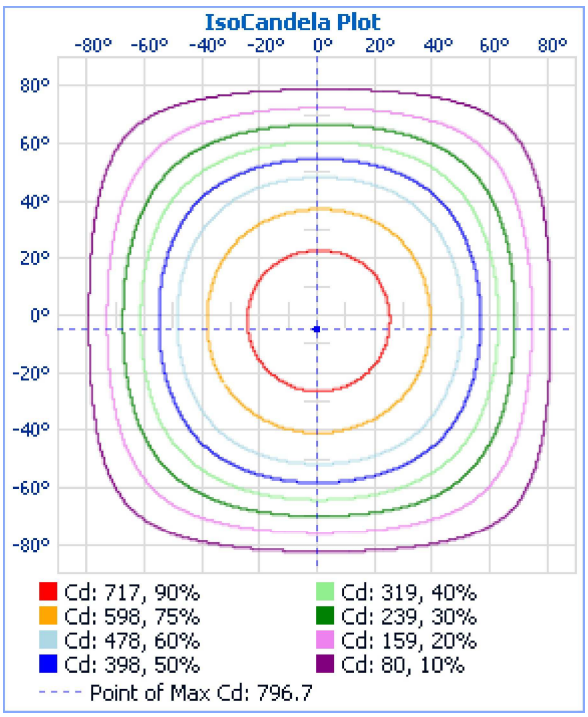
Zonal Lumen Summary

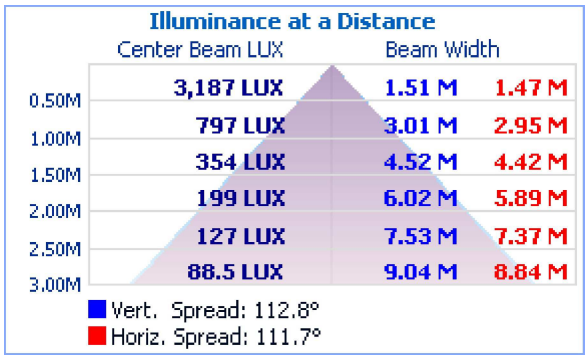
Zone	Lumens	% Luminaire
0-30	622.7	27.3%
0-40	1,020.3	44.7%
0-60	1,802.1	78.9%
60-90	476.5	20.9%
70-100	197.7	8.7%
90-120	1.7	0.1%
0-90	2,278.6	99.8%
90-180	4.9	0.2%
0-180	2,283.5	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	75.6	3.3%	90-100	0.5	0%
10-20	217.3	9.5%	100-110	0.5	0%
20-30	329.7	14.4%	110-120	0.6	0%
30-40	397.6	17.4%	120-130	0.7	0%
40-50	411.7	18.0%	130-140	0.7	0%
50-60	370.2	16.2%	140-150	0.7	0%
60-70	279.3	12.2%	150-160	0.5	0%
70-80	156.3	6.8%	160-170	0.4	0%
80-90	40.9	1.8%	170-180	0.2	0%







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	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.00	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.09	1.04	1.00	.96	1.06	1.02	.98	.84	.97	.94	.91	.93	.91	.88	.90	.88	.86	.84
2	.99	.91	.84	.78	.96	.89	.82	.71	.85	.80	.75	.82	.77	.73	.79	.75	.72	.70
3	.90	.79	.71	.65	.88	.78	.70	.60	.75	.68	.63	.72	.66	.62	.69	.65	.61	.59
4	.82	.70	.62	.55	.80	.69	.61	.52	.66	.59	.54	.64	.58	.53	.62	.57	.52	.50
5	.76	.63	.54	.47	.74	.62	.53	.45	.60	.52	.46	.58	.51	.46	.56	.50	.45	.43
6	.70	.57	.48	.41	.68	.56	.47	.40	.54	.46	.41	.52	.45	.40	.50	.44	.40	.38
7	.65	.51	.42	.36	.63	.50	.42	.35	.49	.41	.36	.47	.41	.36	.46	.40	.35	.33
8	.60	.47	.38	.32	.59	.46	.38	.31	.45	.37	.32	.43	.37	.32	.42	.36	.32	.30
9	.56	.43	.35	.29	.55	.42	.34	.28	.41	.34	.29	.40	.33	.29	.39	.33	.28	.27
10	.53	.40	.32	.26	.52	.39	.31	.26	.38	.31	.26	.37	.31	.26	.36	.30	.26	.24

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	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796

1	795	793	794	795	793	794	794	794	795	794	794	795	794	794	794	796	794
2	**797**	793	794	794	794	793	793	794	795	795	795	795	795	794	794	794	794
3	796	794	794	795	794	794	794	795	796	796	796	795	794	795	795	794	794
4	795	794	794	794	794	796	795	795	796	795	796	795	795	795	795	794	794
5	793	794	794	794	795	795	794	795	**797**	796	796	796	795	795	794	794	792
6	793	792	793	794	794	794	794	796	796	796	796	796	796	793	792	793	793
7	791	791	792	792	793	794	795	795	796	795	795	795	795	794	792	792	792
8	790	790	789	790	791	792	794	793	795	795	794	792	793	792	790	790	789
9	787	787	788	786	789	789	791	791	793	792	792	792	791	789	788	788	787
10	783	783	784	786	784	786	788	790	791	790	790	788	788	786	785	785	783
11	778	779	782	782	784	785	786	788	789	788	786	788	785	782	783	779	779
12	776	776	779	780	780	782	782	786	786	784	784	784	780	780	780	776	776
13	772	773	775	775	777	778	779	781	783	782	781	782	778	776	776	774	773
14	768	769	770	772	774	775	777	779	779	778	778	778	774	772	772	768	769
15	764	764	764	767	769	773	772	775	775	776	774	774	772	768	767	766	766
16	761	762	761	763	764	767	769	771	772	773	771	769	769	766	763	762	761
17	756	756	756	757	760	762	766	766	767	769	767	764	763	762	758	758	756
18	750	751	751	752	753	757	761	762	764	764	762	760	758	758	753	753	751
19	745	745	746	747	749	751	756	758	759	759	758	755	753	751	748	746	744
20	739	738	740	742	743	746	750	753	753	753	751	750	746	746	743	740	737
21	732	732	733	736	738	740	743	747	749	747	746	745	740	738	738	733	733
22	725	724	727	730	733	737	737	743	743	742	740	739	734	731	732	727	724
23	718	718	720	724	727	730	732	737	738	736	733	734	729	726	724	720	719
24	711	713	714	716	721	724	726	729	732	729	727	728	722	718	718	713	712
25	704	705	707	710	716	719	719	724	725	724	721	720	717	713	712	707	704
26	699	698	702	703	707	711	712	717	719	718	716	713	710	707	703	701	700
27	692	692	695	694	699	703	706	710	712	711	709	707	704	699	698	694	693
28	685	686	686	687	692	696	701	703	705	705	702	699	698	693	691	688	686
29	678	678	678	680	684	688	694	698	698	698	696	692	690	687	683	681	679
30	671	670	671	672	675	679	686	690	692	692	690	685	682	680	674	674	671
31	661	662	662	664	667	672	680	682	684	684	681	678	673	671	668	664	662
32	652	652	652	656	658	664	671	674	676	675	674	669	664	661	659	654	652
33	643	642	643	647	651	655	662	666	668	667	664	661	655	652	650	644	642
34	632	632	634	638	642	647	652	657	659	658	655	652	647	642	640	636	632
35	623	623	625	628	634	639	642	648	649	646	644	644	636	632	631	627	623
36	613	612	615	618	623	629	632	638	639	637	635	634	626	624	622	615	613
37	603	602	605	608	615	620	623	628	631	628	626	623	618	614	611	604	604
38	592	593	597	598	604	610	615	620	621	618	616	614	608	603	601	596	593
39	582	583	586	586	593	601	604	610	612	608	604	604	597	593	592	587	583
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41	563	563	565	566	573	580	582	589	592	589	586	582	580	574	571	566	564
42	552	552	555	556	561	569	574	580	584	580	576	572	570	564	561	556	554
43	541	541	544	545	549	557	564	571	573	571	566	561	559	553	551	546	543
44	530	531	532	533	538	545	553	561	562	561	557	550	549	542	541	535	533
45	519	520	520	522	526	534	542	549	552	550	546	539	539	532	529	524	522
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49	474	475	473	476	477	486	498	505	506	508	503	494	493	488	483	479	475

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51	451	450	450	451	453	461	475	481	484	483	480	470	468	464	458	454	450
52	439	438	437	440	440	448	464	469	471	471	468	459	455	452	446	442	437
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66	249	252	251	255	265	274	278	286	288	289	285	277	274	266	260	256	252
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69	209	211	211	214	224	231	238	245	248	248	245	236	232	227	219	214	209
70	196	197	198	201	209	217	225	231	234	234	233	222	218	212	206	200	196
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72	170	169	172	174	179	188	198	204	207	206	204	195	191	185	179	173	168
73	158	156	159	162	165	173	186	191	194	192	190	182	177	172	166	160	155
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75	130	130	132	137	138	146	159	164	166	165	163	156	151	144	140	134	130
76	118	117	120	124	125	132	145	151	153	152	149	144	139	132	126	121	117
77	105	105	107	112	113	120	132	138	140	140	136	132	126	119	114	109	106
78	93	94	94	100	100	108	119	125	127	128	124	120	114	106	102	97	94
79	81	82	83	88	88	96	106	112	115	115	112	108	102	95	90	86	83
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88	2	2	3	5	8	13	16	19	21	20	19	15	13	9	6	3	2
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97	0	1	0	0	1	0	0	0	0	1	1	0	1	1	0	0	0
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111	1	1	1	1	1	0	0	0	0	0	1	0	1	1	1	1	0
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141	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
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160	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
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163	2	1	1	2	2	1	1	1	1	2	2	1	1	1	2	2	2
164	1	2	1	2	1	2	2	2	1	1	1	1	2	1	1	1	1
165	1	1	2	1	2	2	1	1	2	1	2	2	2	2	1	2	2
166	2	2	2	1	1	1	1	2	1	2	1	1	1	1	2	2	1
167	2	2	2	2	1	2	2	2	1	1	2	1	1	2	1	1	2
168	1	1	2	1	2	2	1	1	2	2	2	2	2	1	2	2	1
169	2	2	2	2	1	2	2	2	1	2	1	2	1	2	1	2	2
170	2	1	2	2	2	1	2	2	2	1	2	2	2	2	2	1	2
171	2	2	2	2	2	2	2	2	1	2	1	1	2	2	2	2	1
172	2	2	2	1	2	2	2	2	2	1	2	2	2	2	2	1	2
173	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
174	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
175	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
176	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
177	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
178	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
179	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2
180	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

Luminaire Report Summary

```
IESNA:LM-63-2002
[TEST]
[TESTLAB]
[ISSUEDATE]
[MANUFAC]

FILE: CREATED USING ABSOLUTE PHOTOMETRY
FILE: CANDELA MULTIPLIER: 1
FILE: VERTICAL ANGLES: 181, HORIZONTAL ANGLES: 17
FILE: COORDINATE SYSTEM: TYPE C
FILE: UNIT OF MEASURE: STANDARD
FILE: BALLAST FACTOR: 1
```