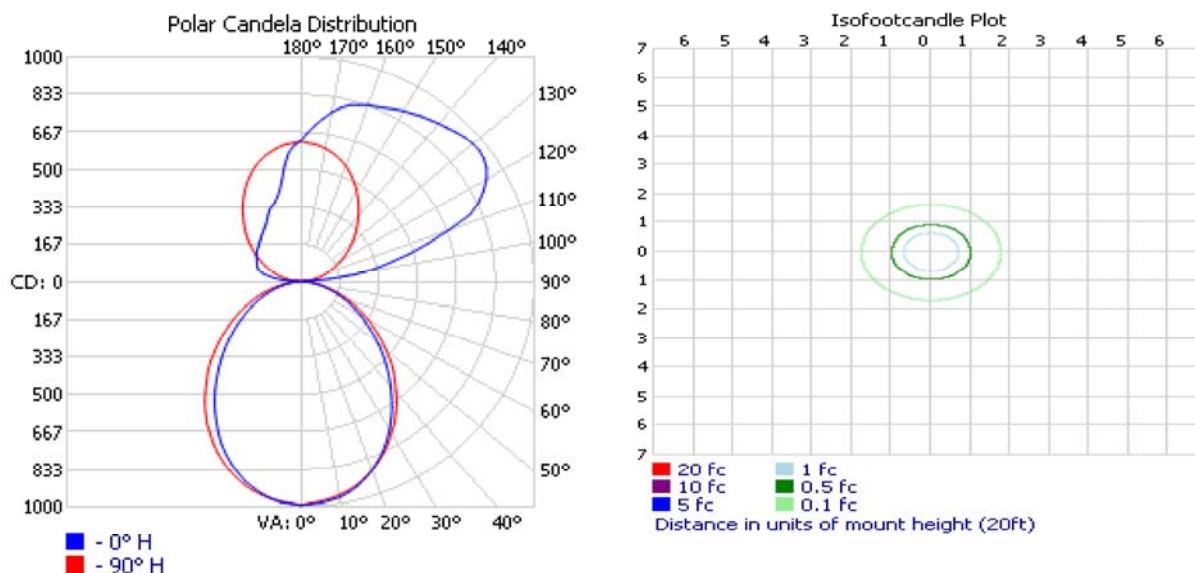


INDOOR PHOTOMETRIC REPORT

CATALOG: S4LWID 4FT 1N35 2N35AS EZB WHT



TEST #: LTL25810M
 TEST LAB: ACUITY BRANDS LIGHTING CONYERS LAB
 TEST DATE: 6/12/2014
 CATALOG: S4LWID 4FT 1N35 2N35AS EZB WHT
 DESCRIPTION: SLOT 4 PENDANT MOUNT 4' (1) DIRECT NORMAL OUTPUT ,3500K
 BOARDS (2) INDIRECT NORMAL OUTPUT 3500K ,BOARDS WITH
 HALF BATWING OPTIC ELDOLED 1061/M ,100W DRIVER
 SERIES: SLOT 4 LED PSW
 LAMP CATALOG: NICHIA NS21757AT
 LAMP: LED
 LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 4604.6, **ABSOLUTE PHOTOMETRY ***
 BALLAST / DRIVER: ELDOLED 1061M 100W DRIVER
 INPUT WATTAGE: 51.13
 LUMINOUS OPENING: RECTANGLE (L: 2.76", W: 48")
 CIE CLASS: GENERAL DIFFUSE
 MAX CD: 994 AT HORIZONTAL: 67.5°, VERTICAL: 2.5°
 SPACING CRITERION: @ 0 = 1.15 / @ 90 = 1.17



*TEST BASED ON ABSOLUTE PHOTOMETRY WHERE LAMP LUMENS=LUMENS TOTAL.

*CUTOFF CLASSIFICATION AND EFFICIENCY CANNOT BE PROPERLY CALCULATED FOR ABSOLUTE PHOTOMETRY.

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VISUAL PHOTOMETRIC TOOL

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INDOOR PHOTOMETRIC REPORT

CATALOG: S4LWID 4FT 1N35 2N35AS EZB WHT

**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	% LUMINAIRE
0-30	737.4	16%
0-40	1168.2	25.4%
0-60	1917.1	41.6%
60-90	409.1	8.9%
70-100	264	5.7%
90-120	720	15.6%
0-90	2326.2	50.5%
90-180	2278.4	49.5%
0-180	4604.6	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	93.4	2.0%	90-100	95	2.1%
10-20	262.7	5.7%	100-110	261.3	5.7%
20-30	381.3	8.3%	110-120	363.7	7.9%
30-40	430.8	9.4%	120-130	390.7	8.5%
40-50	410.5	8.9%	130-140	368.9	8%
50-60	338.5	7.4%	140-150	320.1	7%
60-70	240	5.2%	150-160	253.6	5.5%
70-80	131.3	2.9%	160-170	166	3.6%
80-90	37.7	0.8%	170-180	59	1.3%

AVERAGE LUMINANCE (CD/M2)

	0	22.5	45	67.5	90	112.5	135	157.5	180
0	11606	11606	11606	11606	11606	11606	11606	11606	11606
45	8521	8604	9001	9332	9299	9117	8670	8190	7926
55	7343	7425	7914	8282	8220	8118	7547	7037	6731
65	6395	6423	6866	7281	7253	7032	6561	6035	5675
75	5515	5470	5877	6057	6057	5786	5334	4973	4566
85	5101	4833	5101	4833	4296	4296	4027	3490	2953

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	10	50	30	20	10	50	30	20	10	0
RCR: 0	1.07	1.07	1.07	1.07	.99	.99	.99	.51	.84	.84	.84	.70	.70	.70	.70	.57	.57	.57	.57	.57	.51
1	.98	.94	.90	.87	.90	.87	.84	.43	.74	.71	.69	.62	.60	.58	.50	.49	.48	.48	.48	.48	.43
2	.90	.82	.76	.71	.82	.76	.71	.37	.65	.61	.58	.54	.52	.49	.45	.43	.41	.41	.41	.41	.36
3	.82	.72	.65	.59	.75	.67	.61	.32	.57	.53	.49	.48	.45	.42	.40	.37	.35	.35	.35	.35	.31
4	.75	.64	.56	.51	.69	.60	.53	.28	.51	.46	.42	.43	.39	.36	.36	.33	.30	.30	.30	.30	.27
5	.69	.57	.49	.43	.63	.53	.46	.24	.46	.40	.36	.39	.35	.31	.32	.29	.27	.27	.27	.27	.23
6	.64	.52	.44	.38	.59	.48	.41	.22	.41	.36	.32	.35	.31	.28	.29	.26	.24	.24	.24	.24	.21
7	.59	.47	.39	.33	.54	.44	.36	.19	.38	.32	.28	.32	.28	.24	.27	.24	.21	.21	.21	.21	.18
8	.55	.42	.35	.29	.50	.40	.33	.17	.34	.29	.25	.29	.25	.22	.25	.21	.19	.19	.19	.19	.17
9	.51	.39	.31	.26	.47	.36	.30	.16	.32	.26	.22	.27	.23	.20	.23	.20	.17	.17	.17	.17	.15
10	.48	.36	.28	.24	.44	.33	.27	.15	.29	.24	.20	.25	.21	.18	.21	.18	.16	.16	.16	.16	.14

INDOOR PHOTOMETRIC REPORT

CATALOG: S4LWID 4FT 1N35 2N35AS EZB WHT

**CANDELA TABLE - TYPE C**

	0	22.5	45	67.5	90	112.5	135	157.5	180
0	992	992	992	992	992	992	992	992	992
5	986	987	988	991	978	990	984	982	983
10	971	971	972	976	960	970	962	958	956
15	939	939	938	946	932	942	927	922	916
20	890	890	895	902	890	896	876	870	861
25	830	830	840	848	838	840	820	806	798
30	759	760	775	786	776	775	754	734	721
35	681	684	702	720	710	708	679	658	642
40	597	600	624	642	634	630	602	576	560
45	515	520	544	564	562	551	524	495	479
50	437	440	466	488	480	475	446	418	402
55	360	364	388	406	403	398	370	345	330
60	295	297	318	335	334	326	302	280	265
65	231	232	248	263	262	254	237	218	205
70	173	174	186	197	196	188	174	162	150
75	122	121	130	134	134	128	118	110	101
80	77	74	79	80	78	74	70	64	58
85	38	36	38	36	32	32	30	26	22
90	6	6	4	3	2	4	4	6	14
95	125	164	149	102	27	40	60	68	83
100	318	332	282	192	58	62	100	120	137
105	478	507	451	249	94	85	120	164	182
110	673	701	552	306	129	112	133	178	197
115	839	804	628	356	167	138	154	184	207
120	918	868	682	403	207	164	172	198	218
125	956	897	718	447	250	190	194	211	230
130	959	898	736	490	295	220	218	225	238
135	942	888	742	527	339	248	236	240	249
140	920	874	744	563	384	278	254	256	262
145	900	857	746	596	431	308	281	274	277
150	878	839	751	626	476	342	312	296	297
155	854	822	756	648	518	389	342	330	329
160	838	811	753	662	554	454	368	360	360
165	815	785	736	666	582	522	420	390	391
170	767	735	706	662	602	572	507	459	463
175	701	677	664	650	616	605	582	565	579
180	627	627	627	627	627	627	627	627	627

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