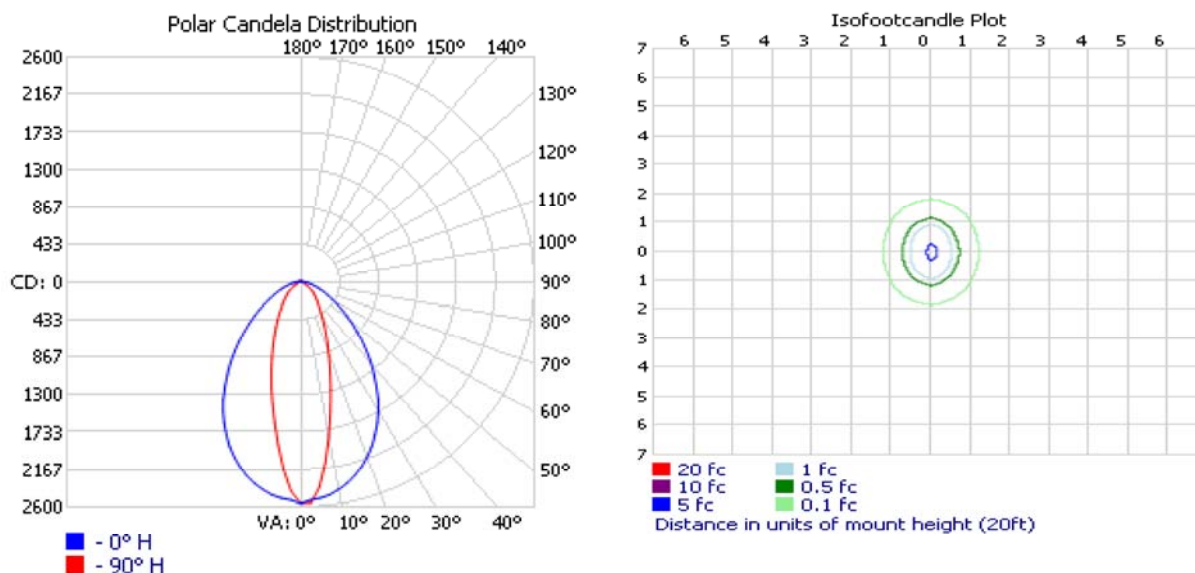


INDOOR PHOTOMETRIC REPORT

CATALOG: S4LWD 4FT 1N35WG EZB WHT



TEST #: LTL25979
 TEST LAB: ACUITY BRANDS LIGHTING CONYERS LAB
 TEST DATE: 7/8/2014
 CATALOG: S4LWD 4FT 1N35WG EZB WHT
 DESCRIPTION: SLOT 4 PENDANT MOUNT 4FT (1) DIRECT NORMAL OUTPUT ,3500K
 BOARDS WITH WALL GRAZE OPTIC ELDOLED 561/M ,50W DRIVER;
 NO COVER LENS
 SERIES: SLOT 4 LED PSW
 LAMP CATALOG: NICHIA NS21757AT
 LAMP: LED
 LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 2439, **ABSOLUTE PHOTOMETRY ***
 BALLAST / DRIVER: ELDOLED 561/M 50W DRIVER
 INPUT WATTAGE: 26.41
 LUMINOUS OPENING: RECTANGLE (L: 48", W: 3")
 CIE CLASS: DIRECT
 MAX CD: 2567 AT HORIZONTAL: 22.5°, VERTICAL: 2.5°
 SPACING CRITERION: @ 0 = 1.05 / @ 90 = 0.48



*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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CATALOG: S4LWD 4FT 1N35WG EZB WHT

**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	% LUMINAIRE
0-30	1210	49.6%
0-40	1664.4	68.2%
0-60	2242.2	91.9%
60-90	196.7	8.1%
70-100	70.8	2.9%
90-120	0.1	0%
0-90	2438.9	100%
90-180	0.1	0%
0-180	2439	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	216.7	8.9%	90-100	0.1	0%
10-20	474.2	19.4%	100-110	0	0%
20-30	519.1	21.3%	110-120	0	0%
30-40	454.3	18.6%	120-130	0	0%
40-50	348.4	14.3%	130-140	0	0%
50-60	229.4	9.4%	140-150	0	0%
60-70	126	5.2%	150-160	0	0%
70-80	56.9	2.3%	160-170	0	0%
80-90	13.9	0.6%	170-180	0	0%

AVERAGE LUMINANCE (CD/M2)

	0	45	90	135	180	225	270	315	360
0	27534	27534	27534	27534	27534	27534	27534	27534	27534
45	14705	5054	3334	5054	14705	5480	3349	5480	14705
55	10472	3828	1689	3828	10472	4016	1445	4016	10472
65	7284	1808	1197	1808	7284	1681	1044	1681	7284
75	5323	1206	1248	1206	5323	1123	1081	1123	5323
85	3952	1112	1359	1112	3952	988	741	988	3952

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	1.19	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	1.02	1.02	1.02	1.00
1	1.12	1.08	1.05	1.02	1.09	1.06	1.03	.90	1.02	.99	.97	.98	.96	.94	.94	.93	.91	.91	.91	.91	.90
2	1.04	.98	.93	.88	1.02	.96	.91	.81	.93	.89	.85	.90	.86	.83	.87	.84	.82	.82	.82	.82	.80
3	.97	.89	.83	.78	.95	.87	.82	.73	.85	.80	.76	.82	.78	.74	.80	.76	.73	.73	.73	.73	.71
4	.91	.81	.74	.69	.89	.80	.74	.66	.78	.72	.68	.76	.71	.67	.74	.69	.66	.66	.66	.66	.64
5	.85	.75	.67	.62	.83	.74	.67	.60	.72	.66	.61	.70	.65	.61	.68	.64	.60	.60	.60	.60	.58
6	.80	.69	.62	.56	.78	.68	.61	.55	.66	.60	.56	.65	.59	.55	.63	.59	.55	.55	.55	.55	.53
7	.75	.64	.57	.52	.74	.63	.56	.50	.62	.56	.51	.60	.55	.51	.59	.54	.51	.51	.51	.51	.49
8	.71	.60	.52	.48	.69	.59	.52	.47	.58	.52	.47	.57	.51	.47	.56	.50	.47	.47	.47	.47	.45
9	.67	.56	.49	.44	.66	.55	.49	.43	.54	.48	.44	.53	.48	.44	.52	.47	.43	.43	.43	.43	.42
10	.64	.52	.46	.41	.62	.52	.45	.40	.51	.45	.41	.50	.45	.41	.49	.44	.41	.41	.41	.41	.39

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**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	2558	2558	2558	2558	2558	2558	2558	2558	2558	2558	2558	2558	2558	2558	2558	2558	2558
5	2506	2533	2440	2348	2382	2348	2440	2533	2506	2464	2339	2248	2177	2248	2339	2464	2506
10	2434	2362	2051	1816	1802	1816	2051	2362	2434	2264	1964	1774	1661	1774	1964	2264	2434
15	2316	2101	1614	1333	1289	1333	1614	2101	2316	2014	1594	1374	1259	1374	1594	2014	2316
20	2152	1794	1242	972	920	972	1242	1794	2152	1738	1278	1047	937	1047	1278	1738	2152
25	1954	1488	942	708	663	708	942	1488	1954	1472	1003	782	694	782	1003	1472	1954
30	1725	1212	716	524	484	524	716	1212	1725	1224	777	584	516	584	777	1224	1725
35	1468	968	550	394	365	394	550	968	1468	1002	599	439	385	439	599	1002	1468
40	1212	762	426	302	280	302	426	762	1212	798	465	332	291	332	465	798	1212
45	966	597	332	237	219	237	332	597	966	630	360	256	220	256	360	630	966
50	743	466	262	181	165	181	262	466	743	492	278	193	153	193	278	492	743
55	558	364	204	106	90	106	204	364	558	382	214	102	77	102	214	382	558
60	405	282	142	66	59	66	142	282	405	295	148	62	55	62	148	295	405
65	286	213	71	48	47	48	71	213	286	220	66	47	41	47	66	220	286
70	198	152	42	34	36	34	42	152	198	156	41	32	34	32	41	156	198
75	128	77	29	27	30	27	29	77	128	67	27	28	26	28	27	67	128
80	75	25	20	20	21	20	20	25	75	24	19	16	16	16	19	24	75
85	32	12	9	8	11	8	9	12	32	10	8	8	6	8	8	10	32
90	2	0	1	1	1	1	1	0	2	0	1	0	1	0	1	0	2
95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
145	0	0	0	0	0	0	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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