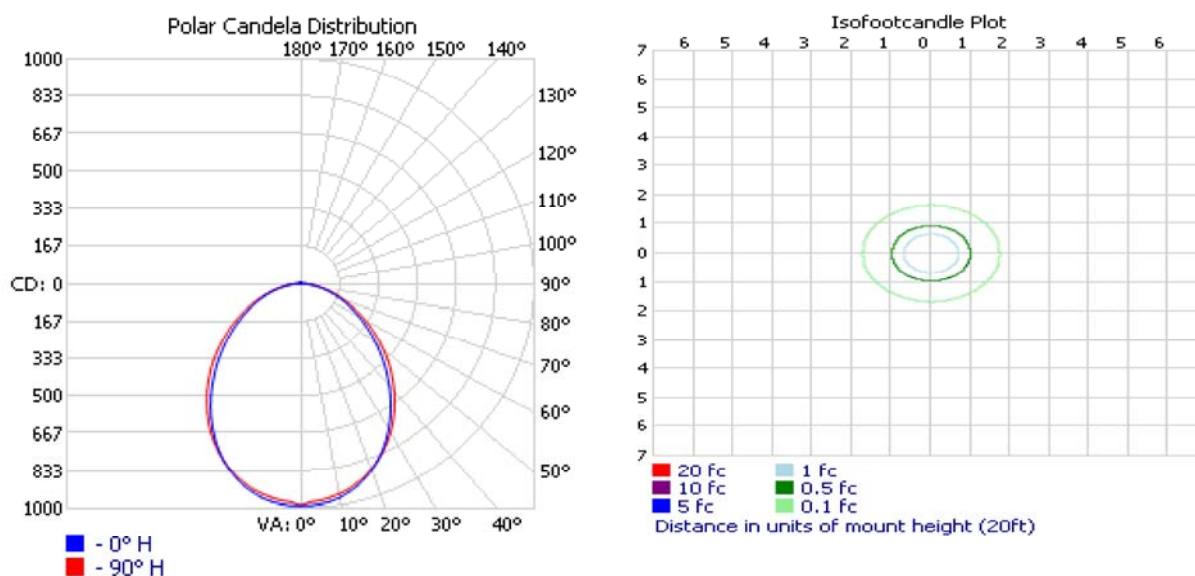


**INDOOR PHOTOMETRIC REPORT**

CATALOG: S4LWD 4FT 1N35 EZB WHT



TEST #: LTL25521  
 TEST LAB: ACUITY BRANDS LIGHTING CONYERS LAB  
 TEST DATE: 4/23/2014  
 CATALOG: S4LWD 4FT 1N35 EZB WHT  
 DESCRIPTION: SLOT 4 WALL MOUNT 4FT (1) DIRECT NORMAL OUTPUT 3500K  
 BOARDS WITH ELDOLED 1061/M 100W DRIVER  
 SERIES: SLOT 4 LED PSW  
 LAMP CATALOG: NICHIA NS21757AT 3500K  
 LAMP: LED  
 LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 2298.6, **ABSOLUTE PHOTOMETRY \***  
 BALLAST / DRIVER: ELDOLED 1061/M 100W  
 INPUT WATTAGE: 27.52  
 LUMINOUS OPENING: RECTANGLE (L: 48", W: 3")  
 CIE CLASS: DIRECT  
 MAX CD: 990 AT HORIZONTAL: 22.5°, VERTICAL: 2.5°  
 SPACING CRITERION: @ 0 = 1.14 / @ 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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**INDOOR PHOTOMETRIC REPORT**  
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**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	% LUMINAIRE
0-30	736.3	32%
0-40	1165.4	50.7%
0-60	1903.5	82.8%
60-90	393.5	17.1%
70-100	162.1	7.1%
90-120	0.6	0%
0-90	2297	99.9%
90-180	1.6	0.1%
0-180	2298.6	100%

**LUMENS PER ZONE**

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	93.1	4.0%	90-100	0.5	0%
10-20	262	11.4%	100-110	0	0%
20-30	381.2	16.6%	110-120	0.1	0%
30-40	429.1	18.7%	120-130	0	0%
40-50	405.9	17.7%	130-140	0	0%
50-60	332.3	14.5%	140-150	0.4	0%
60-70	231.8	10.1%	150-160	0.3	0%
70-80	126.3	5.5%	160-170	0.2	0%
80-90	35.3	1.5%	170-180	0.1	0%

**AVERAGE LUMINANCE (CD/M2)**

	0	22.5	45	67.5	90
0	10635	10635	10635	10635	10635
45	7703	7672	8007	8327	8296
55	6625	6568	6981	7356	7300
65	5680	5552	5934	6291	6266
75	4866	4658	4907	5157	5199
85	4323	3705	3705	3582	3458

**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	1.05	1.01	.97	1.07	1.03	.99	.86	.98	.95	.93	.95	.92	.90	.91	.89	.87	.85			
2	1.00	.92	.86	.81	.98	.91	.85	.73	.87	.82	.78	.84	.80	.76	.81	.77	.74	.72			
3	.92	.82	.74	.68	.89	.80	.73	.63	.77	.71	.66	.75	.69	.65	.72	.68	.64	.62			
4	.84	.73	.65	.58	.82	.72	.64	.55	.69	.62	.57	.67	.61	.56	.65	.60	.56	.53			
5	.78	.66	.57	.51	.76	.65	.56	.49	.62	.55	.50	.60	.54	.49	.59	.53	.49	.47			
6	.72	.59	.51	.45	.70	.58	.50	.43	.57	.49	.44	.55	.49	.44	.53	.48	.43	.41			
7	.67	.54	.46	.40	.65	.53	.45	.39	.52	.45	.39	.50	.44	.39	.49	.43	.39	.37			
8	.63	.50	.41	.36	.61	.49	.41	.35	.48	.40	.35	.46	.40	.35	.45	.39	.35	.33			
9	.59	.46	.38	.32	.57	.45	.37	.32	.44	.37	.32	.43	.36	.32	.42	.36	.32	.30			
10	.55	.42	.35	.29	.54	.42	.34	.29	.41	.34	.29	.40	.34	.29	.39	.33	.29	.27			

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**CANDELA TABLE - TYPE C**

	0	22.5	45	67.5	90
0	988	988	988	988	988
5	984	986	983	981	968
10	966	966	965	962	950
15	933	932	933	934	921
20	885	883	888	891	880
25	824	822	832	838	829
30	752	750	764	776	769
35	671	671	689	705	698
40	589	588	609	627	623
45	506	504	526	547	545
50	427	425	448	468	466
55	353	350	372	392	389
60	284	281	299	318	316
65	223	218	233	247	246
70	168	162	172	182	184
75	117	112	118	124	125
80	73	68	70	72	72
85	35	30	30	29	28
90	4	2	2	2	2
95	0	0	0	0	0
100	0	0	0	0	0
105	0	0	0	0	0
110	0	0	0	0	0
115	0	0	0	0	0
120	0	0	0	0	0
125	0	0	0	0	0
130	0	0	0	0	0
135	1	0	0	0	0
140	1	0	0	0	1
145	1	1	1	1	1
150	1	1	1	1	1
155	1	0	0	0	0
160	1	1	1	1	1
165	1	1	1	1	1
170	1	0	1	1	0
175	1	1	1	1	1
180	1	1	1	1	1



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