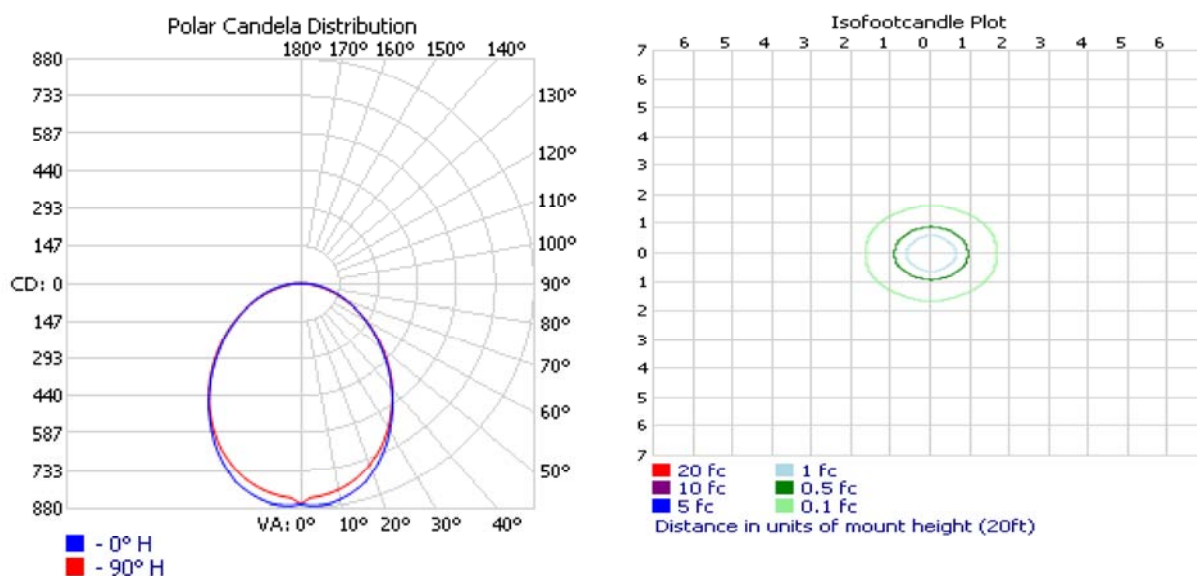


INDOOR PHOTOMETRIC REPORT

CATALOG: S2LWD 4FT 1N35 EZB WHT



TEST #: LTL25530
 TEST LAB: ACUITY BRANDS LIGHTING CONYERS LAB
 TEST DATE: 4/26/2014
 CATALOG: S2LWD 4FT 1N35 EZB WHT
 DESCRIPTION: SLOT 2 WALL MOUNT 4FT (1) DIRECT NORMAL OUTPUT 3500K
 BOARDS WITH ELDOLED 1061/M 100W DRIVER
 SERIES: SLOT 2 LED PSW
 LAMP CATALOG: NICHIA NS21757AT 3500K
 LAMP: LED
 LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 2043.2, **ABSOLUTE PHOTOMETRY ***
 BALLAST / DRIVER: ELDOLED 1061/M 100W
 INPUT WATTAGE: 27.63
 LUMINOUS OPENING: RECTANGLE (L: 48", W: 2.04")
 CIE CLASS: DIRECT
 MAX CD: 871 AT HORIZONTAL: 0°, VERTICAL: 2.5°
 SPACING CRITERION: @ 0 = 1.16 / @ 90 = 1.15



*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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LTL25530
VISUAL PHOTOMETRIC TOOL

PUBLISH
PAGE 1 OF 3

INDOOR PHOTOMETRIC REPORT
 CATALOG: S2LWD 4FT 1N35 EZB WHT

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0-30	638.4	31.2%
0-40	1009.2	49.4%
0-60	1666	81.5%
60-90	377.2	18.5%
70-100	160.2	7.8%
90-120	0	0%
0-90	2043.2	100%
90-180	0	0%
0-180	2043.2	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	81.2	4.0%	90-100	0	0%
10-20	227.8	11.2%	100-110	0	0%
20-30	329.3	16.1%	110-120	0	0%
30-40	370.9	18.2%	120-130	0	0%
40-50	356.6	17.5%	130-140	0	0%
50-60	300.1	14.7%	140-150	0	0%
60-70	217	10.6%	150-160	0	0%
70-80	123.4	6.0%	160-170	0	0%
80-90	36.7	1.8%	170-180	0	0%

AVERAGE LUMINANCE (CD/M2)

	0	22.5	45	67.5	90
0	13661	13661	13661	13661	13661
45	10432	9895	10298	10745	10544
55	9356	8776	9190	9632	9466
65	8427	7791	8090	8465	8390
75	7828	6850	6972	7095	7095
85	8355	5812	5812	5449	4904

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	1.09	1.05	1.01	.97	1.06	1.02	.99	.85	.98	.95	.92	.94	.92	.89	.91	.89	.87	.87	.87	.87	.85
2	1.00	.92	.85	.80	.97	.90	.84	.73	.86	.81	.77	.83	.79	.75	.80	.77	.74	.74	.74	.74	.71
3	.91	.81	.73	.67	.89	.80	.72	.62	.77	.70	.65	.74	.69	.64	.71	.67	.63	.63	.63	.63	.61
4	.84	.72	.64	.57	.82	.71	.63	.54	.69	.62	.56	.66	.60	.55	.64	.59	.55	.55	.55	.55	.53
5	.77	.65	.56	.50	.75	.64	.56	.48	.62	.55	.49	.60	.53	.48	.58	.52	.48	.48	.48	.48	.46
6	.72	.59	.50	.44	.70	.58	.50	.42	.56	.49	.43	.54	.48	.43	.53	.47	.43	.43	.43	.43	.40
7	.67	.53	.45	.39	.65	.53	.45	.38	.51	.44	.39	.50	.43	.38	.48	.43	.38	.38	.38	.38	.36
8	.62	.49	.41	.35	.61	.48	.40	.34	.47	.40	.35	.46	.39	.34	.45	.39	.34	.34	.34	.34	.32
9	.58	.45	.37	.32	.57	.45	.37	.31	.43	.36	.31	.42	.36	.31	.41	.35	.31	.31	.31	.31	.29
10	.55	.42	.34	.29	.53	.41	.34	.28	.40	.33	.29	.39	.33	.29	.38	.33	.28	.28	.28	.28	.27

INDOOR PHOTOMETRIC REPORT
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CANDELA TABLE - TYPE C

	0	22.5	45	67.5	90
0	863	863	863	863	863
5	871	860	862	854	836
10	858	840	843	836	820
15	831	806	812	810	794
20	788	760	770	770	757
25	733	705	716	722	712
30	670	641	656	668	659
35	603	575	592	608	598
40	533	507	525	544	536
45	466	442	460	480	471
50	399	378	396	413	407
55	339	318	333	349	343
60	279	261	273	286	282
65	225	208	216	226	224
70	175	158	164	169	168
75	128	112	114	116	116
80	84	70	70	69	68
85	46	32	32	30	27
90	0	0	0	0	0
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	0	0	0	0	0
140	0	0	0	0	0
145	0	0	0	0	0
150	0	0	0	0	0
155	0	0	0	0	0
160	0	0	0	0	0
165	0	0	0	0	0
170	0	0	0	0	0
175	0	0	0	0	0
180	0	0	0	0	0



LTL25530
 VISUAL PHOTOMETRIC TOOL

PUBLISH
 PAGE 3 OF 3