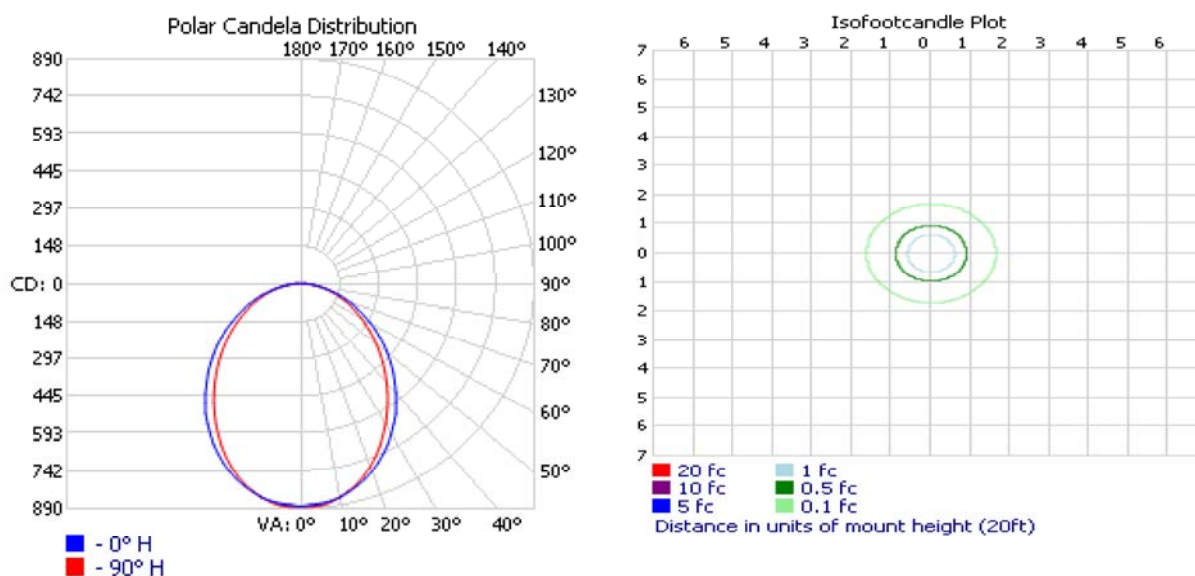


**INDOOR PHOTOMETRIC REPORT**

CATALOG: S2LD 4FT CRD 1N35 EZB WHT



TEST #: LTL25791  
 TEST LAB: ACUITY BRANDS LIGHTING CONYERS LAB  
 TEST DATE: 6/9/2014  
 CATALOG: S2LD 4FT CRD 1N35 EZB WHT  
 DESCRIPTION: SLOT 2 PENDANT MOUNT 4' (1) DIRECT NORMAL OUTPUT ,3500K  
 BOARDS ELDOLED 561/M 50W DRIVER  
 SERIES: SLOT 2 LED PSW  
 LAMP CATALOG: NICHIA NS21757AT  
 LAMP: LED  
 LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 2094.8, **ABSOLUTE PHOTOMETRY \***  
 BALLAST / DRIVER: ELDOLED 561/M 50W DRIVER  
 INPUT WATTAGE: 26.61  
 LUMINOUS OPENING: RECTANGLE (L: 48", W: 2.04")  
 CIE CLASS: DIRECT  
 MAX CD: 886 AT HORIZONTAL: 22.5°, VERTICAL: 2.5°  
 SPACING CRITERION: @ 0 = 1.17 / @ 90 = 1.11



\*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	653.3	31.2%
0-40	1032.3	49.3%
0-60	1705.6	81.4%
60-90	389.2	18.6%
0-90	2094.8	100%

**LUMENS PER ZONE**

ZONE	LUMENS	% TOTAL
0-10	83.5	4.0%
10-20	233.5	11.1%
20-30	336.3	16.1%
30-40	378.9	18.1%
40-50	365	17.4%
50-60	308.4	14.7%
60-70	223.9	10.7%
70-80	127.4	6.1%
80-90	37.9	1.8%

**AVERAGE LUMINANCE (CD/M2)**

	0	22.5	45	67.5	90
0	13961	13961	13961	13961	13961
45	11171	11148	10611	10051	9895
55	10156	10045	9494	8969	8804
65	9102	8914	8465	8015	7828
75	7645	7584	7339	7095	6972
85	5630	5630	6175	6357	6175

**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	1.00	.97	1.06	1.02	.99	.85	.98	.95	.92	.94	.92	.89	.91	.89	.87	.85
2	1.00	.92	.85	.80	.97	.90	.84	.73	.86	.81	.77	.83	.79	.75	.80	.77	.73	.71
3	.91	.81	.73	.67	.89	.80	.72	.62	.77	.70	.65	.74	.69	.64	.71	.67	.63	.61
4	.84	.72	.64	.57	.82	.71	.63	.54	.68	.62	.56	.66	.60	.55	.64	.59	.55	.52
5	.77	.65	.56	.50	.75	.64	.56	.48	.62	.54	.49	.60	.53	.48	.58	.52	.48	.46
6	.72	.59	.50	.44	.70	.58	.50	.42	.56	.49	.43	.54	.48	.43	.53	.47	.42	.40
7	.67	.53	.45	.39	.65	.53	.45	.38	.51	.44	.39	.50	.43	.38	.48	.42	.38	.36
8	.62	.49	.41	.35	.61	.48	.40	.34	.47	.40	.35	.46	.39	.34	.45	.39	.34	.32
9	.58	.45	.37	.32	.57	.44	.37	.31	.43	.36	.31	.42	.36	.31	.41	.35	.31	.29
10	.55	.42	.34	.29	.53	.41	.34	.28	.40	.33	.29	.39	.33	.29	.38	.33	.28	.27

**INDOOR PHOTOMETRIC REPORT**  
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**CANDELA TABLE - TYPE C**

	0	22.5	45	67.5	90
0	882	882	882	882	882
5	875	885	880	881	881
10	860	870	863	862	860
15	830	839	830	826	823
20	792	798	784	777	772
25	744	750	730	719	712
30	689	693	670	654	646
35	632	632	606	586	577
40	564	564	540	518	508
45	499	498	474	449	442
50	432	432	408	386	379
55	368	364	344	325	319
60	304	299	283	269	264
65	243	238	226	214	209
70	183	178	171	164	160
75	125	124	120	116	114
80	75	74	74	73	72
85	31	31	34	35	34
90	1	2	3	5	4



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