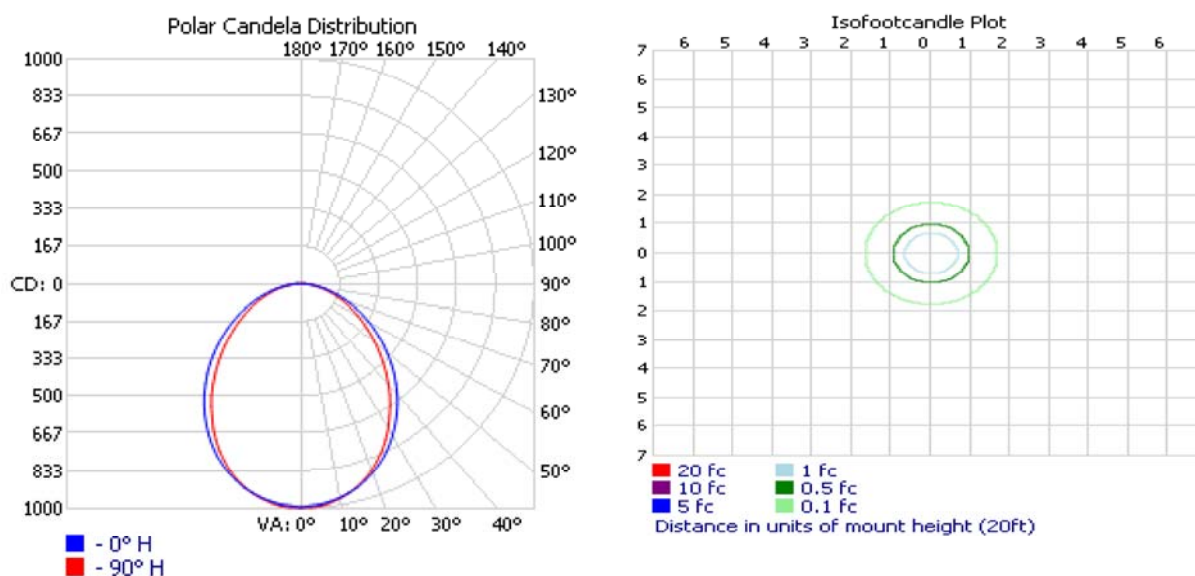


INDOOR PHOTOMETRIC REPORT

CATALOG: S4LD 4FT CRD 1N35 EZB WHT



TEST #: LTL25801
 TEST LAB: ACUITY BRANDS LIGHTING CONYERS LAB
 TEST DATE: 6/9/2014
 CATALOG: S4LD 4FT CRD 1N35 EZB WHT
 DESCRIPTION: SLOT 4 PENDANT MOUNT 4' (1) DIRECT NORMAL OUTPUT ,3500K
 BOARDS ELDOLED 561/M 50W DRIVER
 SERIES: SLOT 4 LED PSW
 LAMP CATALOG: NICHIA NS21757AT
 LAMP: LED
 LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 2339.1, **ABSOLUTE PHOTOMETRY ***
 BALLAST / DRIVER: ELDOLED 561/M 50W DRIVER
 INPUT WATTAGE: 26.42
 LUMINOUS OPENING: RECTANGLE (L: 48.96", W: 3")
 CIE CLASS: DIRECT
 MAX CD: 998 AT HORIZONTAL: 22.5°, VERTICAL: 2.5°
 SPACING CRITERION: @ 0 = 1.18 / @ 90 = 1.13



*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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ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0-30	744	31.8%
0-40	1178.8	50.4%
0-60	1932.9	82.6%
60-90	406.2	17.4%
0-90	2339.1	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL
0-10	94.1	4.0%
10-20	264.8	11.3%
20-30	385.1	16.5%
30-40	434.8	18.6%
40-50	413.7	17.7%
50-60	340.4	14.6%
60-70	239.3	10.2%
70-80	130.6	5.6%
80-90	36.4	1.6%

AVERAGE LUMINANCE (CD/M2)

	0	22.5	45	67.5	90
0	10500	10500	10500	10500	10500
45	8432	8402	8044	7626	7462
55	7543	7451	7010	6550	6384
65	6592	6392	6043	5593	5443
75	5504	5219	5015	4730	4607
85	3875	3753	3875	3753	3632

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	.80	.98	.90	.84	.73	.87	.82	.78	.84	.80	.76	.81	.77	.74	.72
3	.92	.82	.74	.68	.89	.80	.73	.63	.77	.71	.66	.74	.69	.65	.72	.68	.64	.62
4	.84	.73	.64	.58	.82	.72	.64	.55	.69	.62	.57	.67	.61	.56	.65	.60	.55	.53
5	.78	.65	.57	.50	.76	.64	.56	.48	.62	.55	.50	.60	.54	.49	.59	.53	.49	.47
6	.72	.59	.51	.44	.70	.58	.50	.43	.57	.49	.44	.55	.48	.44	.53	.48	.43	.41
7	.67	.54	.46	.40	.65	.53	.45	.38	.52	.44	.39	.50	.44	.39	.49	.43	.39	.37
8	.63	.49	.41	.36	.61	.49	.41	.35	.47	.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	.34	.29	.54	.42	.34	.29	.41	.34	.29	.40	.33	.29	.39	.33	.29	.27

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CANDELA TABLE - TYPE C

	0	22.5	45	67.5	90
0	995	995	995	995	995
5	986	996	992	994	992
10	968	978	974	974	971
15	939	948	940	939	936
20	898	906	894	890	886
25	847	852	838	828	822
30	785	790	770	757	748
35	716	721	696	677	667
40	642	643	618	594	584
45	565	563	539	511	500
50	486	484	458	431	422
55	410	405	381	356	347
60	335	329	308	288	280
65	264	256	242	224	218
70	196	190	180	168	161
75	135	128	123	116	113
80	77	75	74	70	68
85	32	31	32	31	30
90	2	2	2	2	2