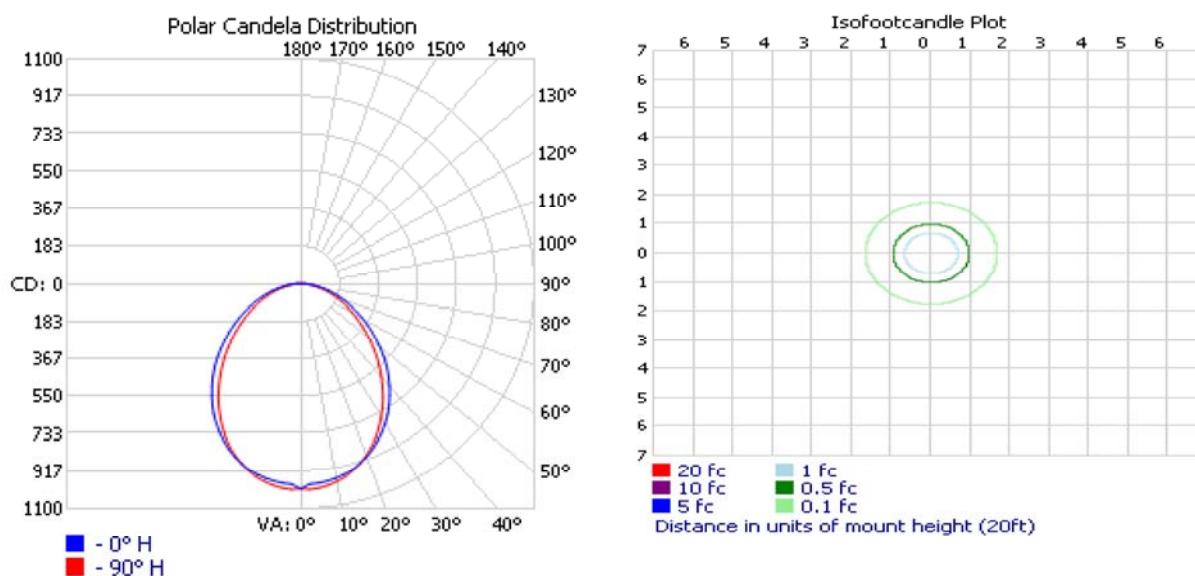


INDOOR PHOTOMETRIC REPORT

CATALOG: S4LS 4FT 1N35 EZB WHT



TEST #: LTL25532
 TEST LAB: ACUITY BRANDS LIGHTING CONYERS LAB
 TEST DATE: 4/26/2014
 CATALOG: S4LS 4FT 1N35 EZB WHT
 DESCRIPTION: SLOT 4 SURFACE 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: 2342.5, **ABSOLUTE PHOTOMETRY ***
 BALLAST / DRIVER: ELDOLED 1061/M 100W
 INPUT WATTAGE: 28.4
 LUMINOUS OPENING: RECTANGLE (L: 48.96", W: 3")
 CIE CLASS: DIRECT
 MAX CD: 1010 AT HORIZONTAL: 45°, VERTICAL: 2.5°
 SPACING CRITERION: @ 0 = 1.18 / @ 90 = 1.14



*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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ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0-30	751.4	32.1%
0-40	1189.6	50.8%
0-60	1943.3	83%
60-90	399.2	17%
70-100	162.9	7%
90-120	0	0%
0-90	2342.5	100%
90-180	0	0%
0-180	2342.5	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	94.9	4.0%	90-100	0	0%
10-20	267.4	11.4%	100-110	0	0%
20-30	389.2	16.6%	110-120	0	0%
30-40	438.1	18.7%	120-130	0	0%
40-50	414.9	17.7%	130-140	0	0%
50-60	338.9	14.5%	140-150	0	0%
60-70	236.3	10.1%	150-160	0	0%
70-80	128.1	5.5%	160-170	0	0%
80-90	34.8	1.5%	170-180	0	0%

AVERAGE LUMINANCE (CD/M2)

	0	22.5	45	67.5	90
0	10606	10606	10606	10606	10606
45	8522	8343	8029	7686	7552
55	7562	7341	6973	6587	6403
65	6592	6292	5918	5568	5419
75	5667	5137	4852	4607	4485
85	4359	3511	3632	3511	3511

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	1.07	1.03	.99	.86	.99	.96	.93	.95	.92	.90	.91	.89	.87	.87	.87	.87	.85
2	1.00	.92	.86	.81	.98	.91	.85	.74	.87	.82	.78	.84	.80	.76	.81	.77	.74	.74	.74	.74	.72
3	.92	.82	.74	.68	.89	.80	.73	.63	.77	.71	.66	.75	.69	.65	.72	.68	.64	.64	.64	.64	.62
4	.84	.73	.65	.58	.82	.72	.64	.55	.69	.62	.57	.67	.61	.56	.65	.60	.56	.56	.56	.56	.54
5	.78	.66	.57	.51	.76	.65	.57	.49	.62	.55	.50	.61	.54	.49	.59	.53	.49	.49	.49	.49	.47
6	.72	.59	.51	.45	.70	.59	.50	.43	.57	.50	.44	.55	.49	.44	.54	.48	.43	.43	.43	.43	.41
7	.67	.54	.46	.40	.66	.53	.45	.39	.52	.45	.39	.50	.44	.39	.49	.43	.39	.39	.39	.39	.37
8	.63	.50	.41	.36	.61	.49	.41	.35	.48	.41	.35	.46	.40	.35	.45	.39	.35	.35	.35	.35	.33
9	.59	.46	.38	.32	.57	.45	.37	.32	.44	.37	.32	.43	.37	.32	.42	.36	.32	.32	.32	.32	.30
10	.55	.42	.35	.30	.54	.42	.34	.29	.41	.34	.29	.40	.34	.29	.39	.33	.29	.29	.29	.29	.27

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CANDELA TABLE - TYPE C

	0	22.5	45	67.5	90
0	1005	1005	1005	1005	1005
5	981	999	1006	1004	1004
10	966	982	986	985	984
15	943	952	954	950	948
20	904	909	908	901	898
25	853	856	850	839	834
30	794	791	781	766	758
35	725	720	704	684	676
40	650	640	621	599	590
45	571	559	538	515	506
50	489	478	458	434	424
55	411	399	379	358	348
60	335	323	305	286	279
65	264	252	237	223	217
70	200	185	174	164	160
75	139	126	119	113	110
80	83	72	70	67	66
85	36	29	30	29	29
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



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