

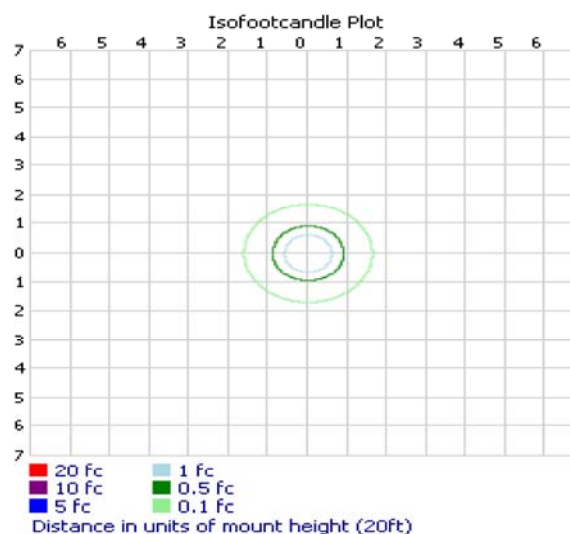
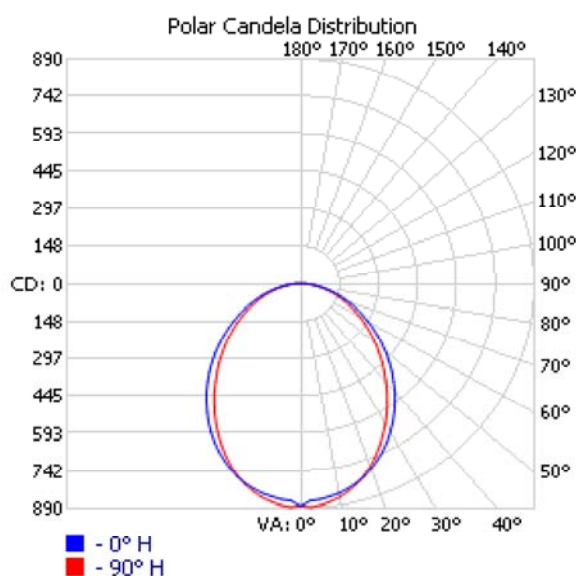
INDOOR PHOTOMETRIC REPORT

CATALOG: S2LS 4FT 1N35 EZB WHT



MANUFACTURER: MARK ARCHITECTURAL LIGHTING
TEST #: LTL25523
TEST LAB: ACUITY BRANDS LIGHTING CONYERS LAB
TEST DATE: 4/24/2014
CATALOG: S2LS 4FT 1N35 EZB WHT
DESCRIPTION: SLOT 2 SURFACE MOUNT 4FT (1) DIRECT NORMAL OUTPUT 3500K BOARDS WITH ELDOLED 1061/M 100W DRIVER
LAMP CATALOG: NICHIA NS21757AT 3500K
LAMP: LED
LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 2060.3, **ABSOLUTE PHOTOMETRY ***
BALLAST / DRIVER: ELDOLED 1061/M 100W
INPUT WATTAGE: 28.15
LUMINOUS OPENING: RECTANGLE (L: 48.96", W: 2.04")
CIE CLASS: DIRECT
MAX CD: 886 AT HORIZONTAL: 90°, VERTICAL: 2.5°
SPACING CRITERION: @ 0 = 1.16 / @ 90 = 1.11

No
Photo
Available



*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	648.8	31.5%
0-40	1024.3	49.7%
0-60	1684.8	81.8%
60-90	375.5	18.2%
70-100	158.8	7.7%
90-120	0	0%
0-90	2060.3	100%
90-180	0	0%
0-180	2060.3	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	82.9	4.0%	90-100	0	0%
10-20	231.8	11.2%	100-110	0	0%
20-30	334.2	16.2%	110-120	0	0%
30-40	375.4	18.2%	120-130	0	0%
40-50	359.3	17.4%	130-140	0	0%
50-60	301.2	14.6%	140-150	0	0%
60-70	216.7	10.5%	150-160	0	0%
70-80	122.8	6.0%	160-170	0	0%
80-90	36	1.7%	170-180	0	0%

AVERAGE LUMINANCE (CD/M2)

	0	22.5	45	67.5	90
0	13657	13657	13657	13657	13657
45	10776	10688	10227	9766	9613
55	9686	9578	9091	8658	8496
65	8629	8372	7968	7638	7491
75	7555	7015	6835	6716	6656
85	6054	5164	5698	5876	5876

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	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	1.02	1.02	1.02	1.00
1	1.09	1.05	1.01	.97	1.07	1.02	.99	.86	.98	.95	.92	.94	.92	.89	.91	.89	.87	.87	.87	.87	.85
2	1.00	.92	.85	.80	.97	.90	.84	.73	.87	.81	.77	.83	.79	.75	.80	.77	.74	.74	.77	.74	.72
3	.91	.81	.73	.67	.89	.80	.72	.63	.77	.71	.65	.74	.69	.64	.72	.67	.63	.63	.67	.63	.61
4	.84	.72	.64	.58	.82	.71	.63	.55	.69	.62	.56	.66	.60	.56	.64	.59	.55	.55	.59	.55	.53
5	.78	.65	.56	.50	.75	.64	.56	.48	.62	.55	.49	.60	.54	.49	.58	.53	.48	.48	.53	.48	.46
6	.72	.59	.50	.44	.70	.58	.50	.43	.56	.49	.43	.55	.48	.43	.53	.47	.43	.43	.47	.43	.41
7	.67	.54	.45	.39	.65	.53	.45	.38	.51	.44	.39	.50	.43	.38	.49	.43	.38	.38	.43	.38	.36
8	.62	.49	.41	.35	.61	.48	.41	.34	.47	.40	.35	.46	.39	.35	.45	.39	.34	.34	.39	.34	.33
9	.58	.45	.37	.32	.57	.45	.37	.31	.44	.37	.32	.42	.36	.31	.41	.36	.31	.31	.36	.31	.29
10	.55	.42	.34	.29	.54	.41	.34	.29	.40	.34	.29	.39	.33	.29	.39	.33	.29	.29	.33	.29	.27

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CANDELA TABLE - TYPE C

	0	22.5	45	67.5	90
0	880	880	880	880	880
5	857	874	879	879	880
10	843	856	859	858	858
15	818	827	827	822	822
20	782	788	784	775	772
25	736	739	730	716	711
30	682	683	669	651	644
35	621	622	602	582	574
40	558	554	534	513	504
45	491	487	466	445	438
50	424	420	400	381	375
55	358	354	336	320	314
60	295	290	275	262	258
65	235	228	217	208	204
70	179	170	164	158	156
75	126	117	114	112	111
80	77	69	70	70	70
85	34	29	32	33	33
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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