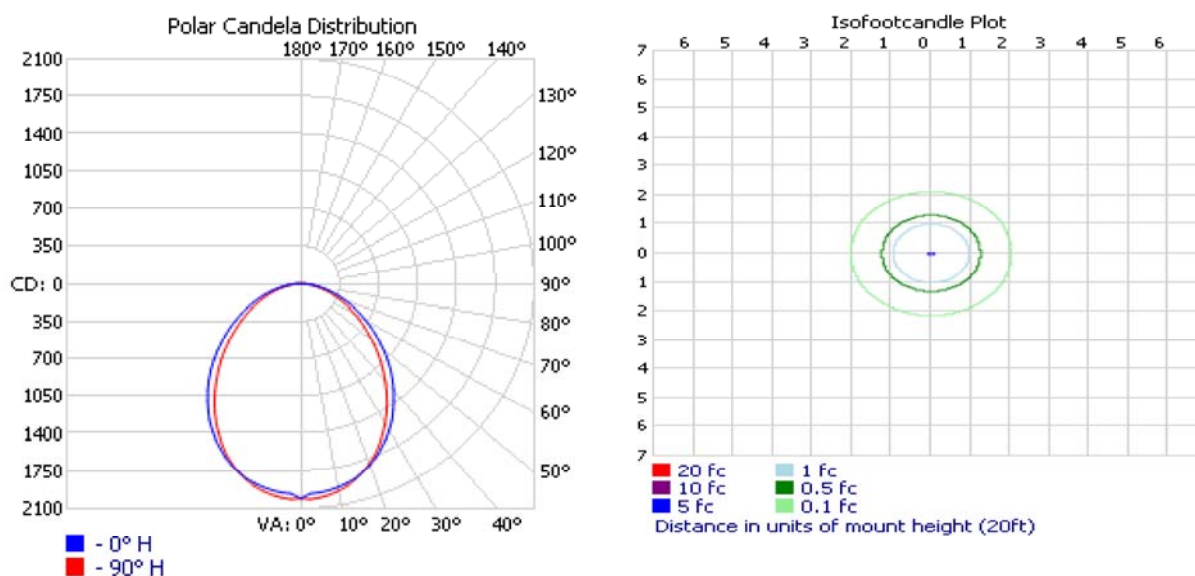


INDOOR PHOTOMETRIC REPORT

CATALOG: S4LS 4FT 1H35 EZB WHT



TEST #: LTL25532P1
 TEST LAB: SCALED PHOTOMETRY
 TEST DATE: 4/26/2014
 CATALOG: S4LS 4FT 1H35 EZB WHT
 DESCRIPTION: SLOT 4 SURFACE MOUNT 4FT (1) DIRECT HIGH 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: 4685, **ABSOLUTE PHOTOMETRY ***
 BALLAST / DRIVER: ELDOLED 1061/M 100W
 INPUT WATTAGE: 56.8
 LUMINOUS OPENING: RECTANGLE (L: 48.96", W: 3")
 CIE CLASS: DIRECT
 MAX CD: 2020 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	1502.9	32.1%
0-40	2379.1	50.8%
0-60	3886.6	83%
60-90	798.4	17%
70-100	325.8	7%
90-120	0	0%
0-90	4685	100%
90-180	0	0%
0-180	4685	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	189.7	4.0%	90-100	0	0%
10-20	534.8	11.4%	100-110	0	0%
20-30	778.4	16.6%	110-120	0	0%
30-40	876.2	18.7%	120-130	0	0%
40-50	829.7	17.7%	130-140	0	0%
50-60	677.8	14.5%	140-150	0	0%
60-70	472.6	10.1%	150-160	0	0%
70-80	256.3	5.5%	160-170	0	0%
80-90	69.5	1.5%	170-180	0	0%

AVERAGE LUMINANCE (CD/M2)

	0	22.5	45	67.5	90
0	21211	21211	21211	21211	21211
45	17043	16685	16058	15372	15103
55	15123	14682	13946	13173	12805
65	13184	12585	11836	11137	10837
75	11335	10275	9704	9215	8970
85	8718	7023	7265	7023	7023

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

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CANDELA TABLE - TYPE C

	0	22.5	45	67.5	90
0	2010	2010	2010	2010	2010
5	1962	1998	2012	2008	2008
10	1932	1964	1972	1970	1968
15	1886	1904	1908	1900	1896
20	1808	1818	1816	1802	1796
25	1706	1712	1700	1678	1668
30	1588	1582	1562	1532	1516
35	1450	1440	1408	1368	1352
40	1300	1280	1242	1198	1180
45	1142	1118	1076	1030	1012
50	978	956	916	868	848
55	822	798	758	716	696
60	670	646	610	572	558
65	528	504	474	446	434
70	400	370	348	328	320
75	278	252	238	226	220
80	166	144	140	134	132
85	72	58	60	58	58
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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