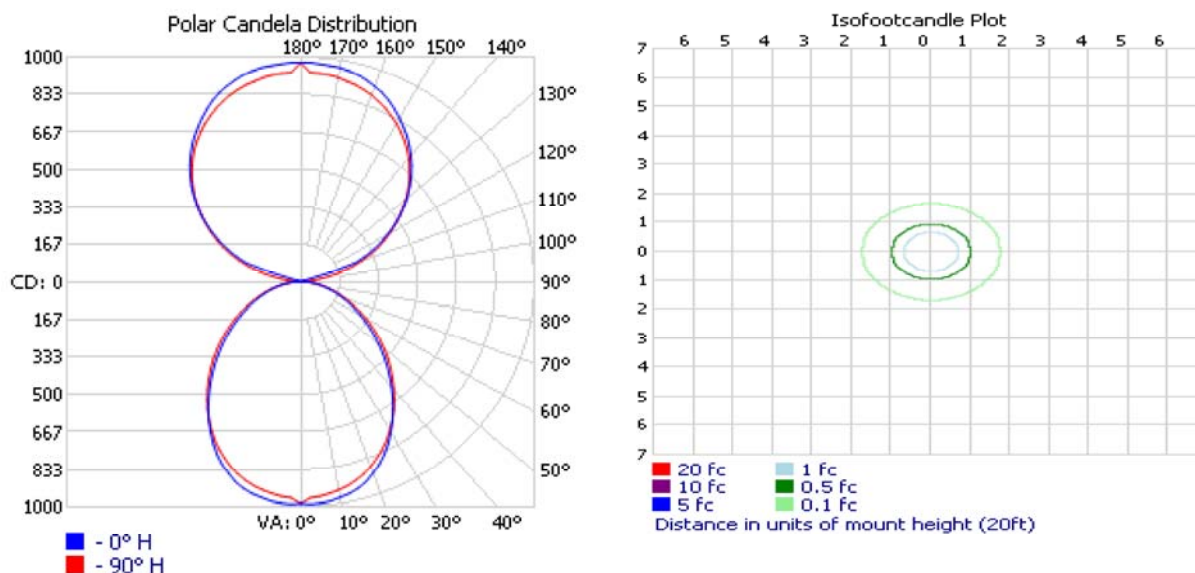


INDOOR PHOTOMETRIC REPORT

CATALOG: S4LWID 4FT 1N35 2N35 EZB WHT



TEST #: LTL25531
 TEST LAB: ACUITY BRANDS LIGHTING CONYERS LAB
 TEST DATE: 4/26/2014
 CATALOG: S4LWID 4FT 1N35 2N35 EZB WHT
 DESCRIPTION: SLOT 4 WALL MOUNT 4FT (1) DIRECT NORMAL OUTPUT 3500K
 BOARDS, (2) INDIRECT 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: 5227.3, **ABSOLUTE PHOTOMETRY ***
 BALLAST / DRIVER: ELDOLED 1061/M 100W
 INPUT WATTAGE: 53.2
 LUMINOUS OPENING: RECTANGLE (L: 48", W: 3")
 CIE CLASS: GENERAL DIFFUSE
 MAX CD: 990 AT HORIZONTAL: 0°, VERTICAL: 2.5°
 SPACING CRITERION: @ 0 = 1.17 / @ 90 = 1.16



*TEST BASED ON ABSOLUTE PHOTOMETRY WHERE LAMP LUMENS=LUMENS TOTAL.

*CUTOFF CLASSIFICATION AND EFFICIENCY CANNOT BE PROPERLY CALCULATED FOR ABSOLUTE PHOTOMETRY.

VISUAL PHOTOMETRIC TOOL 1.2.46 COPYRIGHT 2018, ACUITY BRANDS LIGHTING.

THIS PHOTOMETRIC REPORT HAS BEEN GENERATED USING METHODS RECOMMENDED BY THE IESNA. CALCULATIONS ARE BASED ON PHOTOMETRIC DATA PROVIDED BY THE MANUFACTURER, AND THE ACCURACY OF THIS PHOTOMETRIC REPORT IS DEPENDENT ON THE ACCURACY OF THE DATA PROVIDED. END-USER ENVIRONMENT AND APPLICATION (INCLUDING, BUT NOT LIMITED TO, VOLTAGE VARIATION AND DIRT ACCUMULATION) CAN CAUSE ACTUAL PHOTOMETRIC PERFORMANCE TO DIFFER FROM THE PERFORMANCE CALCULATED USING THE DATA PROVIDED BY THE MANUFACTURER. THIS REPORT IS PROVIDED WITHOUT WARRANTY AS TO ACCURACY, COMPLETENESS, RELIABILITY OR OTHERWISE. IN NO EVENT WILL ACUITY BRANDS LIGHTING BE RESPONSIBLE FOR ANY LOSS RESULTING FROM ANY USE OF THIS REPORT.



LTL25531
VISUAL PHOTOMETRIC TOOL

PUBLISH
PAGE 1 OF 3

INDOOR PHOTOMETRIC REPORT

CATALOG: S4LWID 4FT 1N35 2N35 EZB WHT

**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	% LUMINAIRE
0-30	741.3	14.2%
0-40	1177	22.5%
0-60	1931.4	36.9%
60-90	413.4	7.9%
70-100	201.6	3.9%
90-120	587.4	11.2%
0-90	2344.8	44.9%
90-180	2882.5	55.1%
0-180	5227.3	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	92.8	1.8%	90-100	28.1	0.5%
10-20	263.1	5.0%	100-110	184.2	3.5%
20-30	385.4	7.4%	110-120	375.1	7.2%
30-40	435.6	8.3%	120-130	488	9.3%
40-50	413.8	7.9%	130-140	531.6	10.2%
50-60	340.6	6.5%	140-150	504.2	9.6%
60-70	240	4.6%	150-160	411.6	7.9%
70-80	133.5	2.6%	160-170	267.4	5.1%
80-90	40	0.8%	170-180	92.3	1.8%

AVERAGE LUMINANCE (CD/M2)

	0	22.5	45	67.5	90	112.5	135	157.5	180
0	10602	10602	10602	10602	10602	10602	10602	10602	10602
45	7931	7855	8174	8509	8281	8509	8174	7855	7931
55	6812	6793	7150	7544	7356	7544	7150	6793	6812
65	5883	5807	6164	6495	6444	6495	6164	5807	5883
75	5199	4949	5199	5407	5490	5407	5199	4949	5199
85	5064	4817	4446	4199	3952	4199	4446	4817	5064

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	1.06	1.06	1.06	1.06	.97	.97	.97	.45	.80	.80	.80	.65	.65	.65	.51	.51	.51	.45			
1	.97	.93	.89	.85	.89	.85	.82	.38	.71	.68	.66	.58	.56	.55	.46	.45	.44	.38			
2	.88	.81	.75	.70	.81	.75	.69	.33	.62	.58	.55	.51	.48	.46	.40	.39	.37	.32			
3	.81	.71	.64	.59	.74	.66	.60	.28	.55	.50	.47	.45	.42	.39	.36	.34	.32	.28			
4	.74	.63	.56	.50	.67	.58	.52	.25	.49	.44	.40	.40	.37	.34	.32	.30	.28	.24			
5	.68	.56	.49	.43	.62	.52	.45	.22	.44	.39	.35	.36	.32	.29	.29	.26	.24	.21			
6	.63	.51	.43	.37	.57	.47	.40	.19	.40	.34	.30	.33	.29	.26	.27	.24	.21	.18			
7	.58	.46	.38	.33	.53	.42	.35	.17	.36	.31	.27	.30	.26	.23	.24	.21	.19	.16			
8	.54	.42	.34	.29	.49	.39	.32	.15	.33	.27	.24	.27	.23	.20	.22	.19	.17	.15			
9	.50	.38	.31	.26	.46	.35	.29	.14	.30	.25	.21	.25	.21	.18	.21	.18	.15	.13			
10	.47	.35	.28	.23	.43	.32	.26	.13	.28	.23	.19	.23	.19	.17	.19	.16	.14	.12			

LTL25531
VISUAL PHOTOMETRIC TOOLPUBLISH
PAGE 2 OF 3

INDOOR PHOTOMETRIC REPORT

CATALOG: S4LWID 4FT 1N35 2N35 EZB WHT

**CANDELA TABLE - TYPE C**

	0	22.5	45	67.5	90	112.5	135	157.5	180
0	985	985	985	985	985	985	985	985	985
5	987	983	984	976	956	976	984	983	987
10	972	966	966	958	938	958	966	966	972
15	949	940	938	929	912	929	938	940	949
20	903	896	899	888	873	888	899	896	903
25	846	838	844	838	822	838	844	838	846
30	771	766	780	780	762	780	780	766	771
35	690	684	702	714	694	714	702	684	690
40	605	600	620	636	620	636	620	600	605
45	521	516	537	559	544	559	537	516	521
50	440	436	458	480	467	480	458	436	440
55	363	362	381	402	392	402	381	362	363
60	293	291	309	326	320	326	309	291	293
65	231	228	242	255	253	255	242	228	231
70	175	171	180	189	190	189	180	171	175
75	125	119	125	130	132	130	125	119	125
80	81	74	76	76	77	76	76	74	81
85	41	39	36	34	32	34	36	39	41
90	0	0	0	0	0	0	0	0	0
95	9	12	11	42	48	42	11	12	9
100	14	15	78	120	116	120	78	15	14
105	16	169	208	204	199	204	208	169	16
110	250	302	298	295	282	295	298	302	250
115	345	392	387	386	365	386	387	392	345
120	434	478	474	472	445	472	474	478	434
125	519	559	555	554	518	554	555	559	519
130	596	633	631	630	592	630	631	633	596
135	668	701	698	697	658	697	698	701	668
140	733	762	758	759	718	759	758	762	733
145	793	818	815	812	771	812	815	818	793
150	844	866	862	856	817	856	862	866	844
155	890	907	903	892	854	892	903	907	890
160	925	936	936	922	884	922	936	936	925
165	952	958	956	947	906	947	956	958	952
170	967	966	970	966	922	966	970	966	967
175	972	974	981	974	930	974	981	974	972
180	975	975	975	975	975	975	975	975	975

LTL25531
VISUAL PHOTOMETRIC TOOLPUBLISH
PAGE 3 OF 3