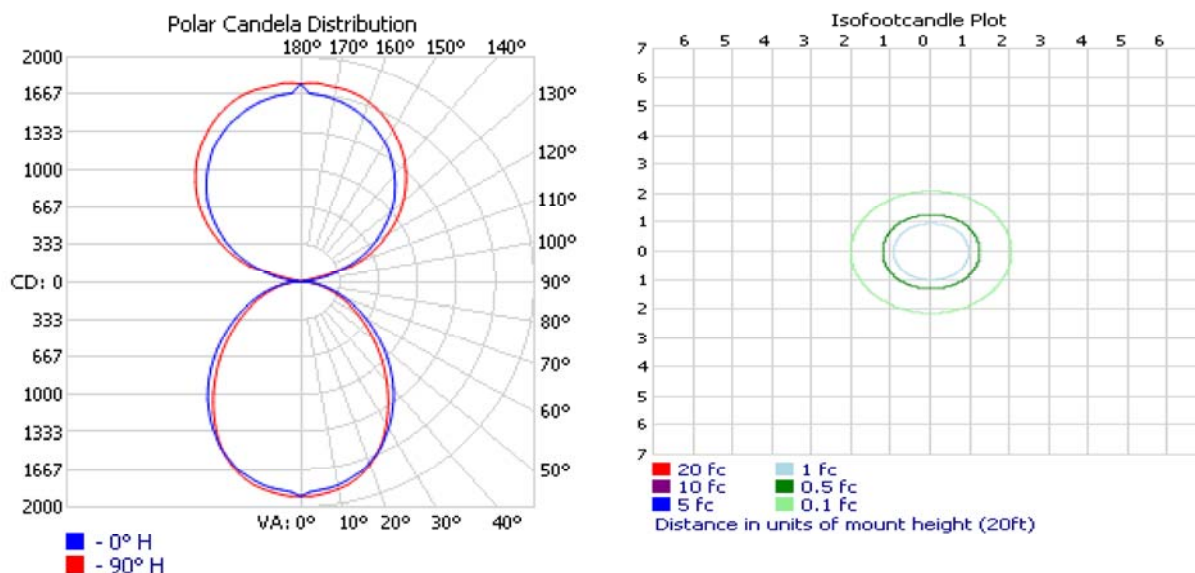


INDOOR PHOTOMETRIC REPORT

CATALOG: S4LID 4FT CRD 1H30 2H30 EZB WHT



TEST #: LTL25534
 TEST LAB: ACUITY BRANDS LIGHTING CONYERS LAB
 TEST DATE: 4/28/2014
 CATALOG: S4LID 4FT CRD 1H30 2H30 EZB WHT
 DESCRIPTION: SLOT 4 PENDANT MOUNT 4FT (1) DIRECT HIGH OUTPUT 3000K BOARDS, (2) INDIRECT HIGH OUTPUT 3000K BOARDS WITH ELDOLED 1061/M 100W DRIVER
 SERIES: SLOT 4 LED PSW
 LAMP CATALOG: NICHIA NS21757AT 3000K
 LAMP: LED
 LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 9785.7, **ABSOLUTE PHOTOMETRY ***
 BALLAST / DRIVER: ELDOLED 1061/M 100W
 INPUT WATTAGE: 99.9
 LUMINOUS OPENING: RECTANGLE (L: 48.96", W: 3")
 CIE CLASS: GENERAL DIFFUSE
 MAX CD: 1917 AT HORIZONTAL: 45°, VERTICAL: 2.5°
 SPACING CRITERION: @ 0 = 1.18 / @ 90 = 1.15



*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.



LTL25534
VISUAL PHOTOMETRIC TOOL

PUBLISH
PAGE 1 OF 3

INDOOR PHOTOMETRIC REPORT

CATALOG: S4LID 4FT CRD 1H30 2H30 EZB WHT

**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	% LUMINAIRE
0-30	1436	14.7%
0-40	2279.7	23.3%
0-60	3743.6	38.3%
60-90	800	8.2%
70-100	379.7	3.9%
90-120	1075.9	11%
0-90	4543.6	46.4%
90-180	5242.1	53.6%
0-180	9785.7	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	180	1.8%	90-100	45.4	0.5%
10-20	509.6	5.2%	100-110	342.3	3.5%
20-30	746.4	7.6%	110-120	688.2	7%
30-40	843.8	8.6%	120-130	889.4	9.1%
40-50	802.5	8.2%	130-140	965.2	9.9%
50-60	661.4	6.8%	140-150	914.3	9.3%
60-70	465.7	4.8%	150-160	745.9	7.6%
70-80	258.5	2.6%	160-170	484.2	4.9%
80-90	75.8	0.8%	170-180	167.1	1.7%

AVERAGE LUMINANCE (CD/M2)

	0	22.5	45	67.5	90	112.5	135	157.5	180
0	20114	20114	20114	20114	20114	20114	20114	20114	20114
45	16193	16148	15566	14924	14655	14924	15566	16148	16193
55	14388	14332	13652	12897	12566	12897	13652	14332	14388
65	12685	12335	11711	11037	10787	11037	11711	12335	12685
75	11009	10193	9826	9419	9215	9419	9826	10193	11009
85	8597	7628	8233	8233	8233	8233	8233	7628	8597

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	.98	.98	.98	.46	.81	.81	.81	.66	.66	.66	.53	.53	.53	.46			
1	.97	.93	.89	.86	.89	.85	.82	.40	.72	.69	.67	.59	.57	.56	.47	.46	.45	.39			
2	.89	.81	.75	.70	.81	.75	.70	.34	.63	.59	.56	.52	.49	.47	.42	.40	.38	.33			
3	.81	.72	.65	.59	.74	.66	.60	.29	.56	.51	.47	.46	.43	.40	.37	.35	.33	.29			
4	.74	.64	.56	.50	.68	.59	.52	.25	.50	.44	.40	.41	.37	.34	.33	.31	.28	.25			
5	.68	.57	.49	.43	.62	.52	.45	.22	.44	.39	.35	.37	.33	.30	.30	.27	.25	.22			
6	.63	.51	.43	.37	.58	.47	.40	.20	.40	.35	.31	.33	.29	.26	.27	.24	.22	.19			
7	.58	.46	.38	.33	.53	.43	.36	.18	.36	.31	.27	.31	.26	.23	.25	.22	.20	.17			
8	.54	.42	.34	.29	.49	.39	.32	.16	.33	.28	.24	.28	.24	.21	.23	.20	.18	.15			
9	.50	.38	.31	.26	.46	.36	.29	.15	.30	.25	.22	.26	.22	.19	.21	.18	.16	.14			
10	.47	.35	.28	.23	.43	.33	.26	.13	.28	.23	.19	.24	.20	.17	.20	.17	.15	.13			

LTL25534
VISUAL PHOTOMETRIC TOOLPUBLISH
PAGE 2 OF 3

INDOOR PHOTOMETRIC REPORT

CATALOG: S4LID 4FT CRD 1H30 2H30 EZB WHT

**CANDELA TABLE - TYPE C**

	0	22.5	45	67.5	90	112.5	135	157.5	180
0	1906	1906	1906	1906	1906	1906	1906	1906	1906
5	1857	1898	1908	1906	1900	1906	1908	1898	1857
10	1833	1862	1871	1868	1868	1868	1871	1862	1833
15	1779	1805	1818	1819	1816	1819	1818	1805	1779
20	1712	1725	1742	1729	1728	1729	1742	1725	1712
25	1622	1627	1636	1622	1611	1622	1636	1627	1622
30	1503	1512	1509	1481	1465	1481	1509	1512	1503
35	1372	1381	1358	1324	1306	1324	1358	1381	1372
40	1235	1234	1204	1161	1142	1161	1204	1234	1235
45	1085	1082	1043	1000	982	1000	1043	1082	1085
50	933	930	889	848	829	848	889	930	933
55	782	779	742	701	683	701	742	779	782
60	640	631	600	564	552	564	600	631	640
65	508	494	469	442	432	442	469	494	508
70	387	368	349	331	324	331	349	368	387
75	270	250	241	231	226	231	241	250	270
80	164	148	146	144	142	144	146	148	164
85	71	63	68	68	68	68	68	63	71
90	0	0	0	0	0	0	0	0	0
95	51	51	20	22	24	22	20	51	51
100	165	218	106	27	30	27	106	218	165
105	310	373	380	310	224	310	380	373	310
110	465	539	543	550	552	550	543	539	465
115	614	702	710	714	715	714	710	702	614
120	756	862	864	867	868	867	864	862	756
125	889	1010	1010	1014	1016	1014	1010	1010	889
130	1021	1144	1142	1148	1150	1148	1142	1144	1021
135	1140	1262	1266	1271	1274	1271	1266	1262	1140
140	1249	1375	1378	1382	1388	1382	1378	1375	1249
145	1347	1470	1478	1483	1484	1483	1478	1470	1347
150	1436	1554	1567	1570	1571	1570	1567	1554	1436
155	1511	1616	1638	1644	1648	1644	1638	1616	1511
160	1566	1674	1695	1695	1702	1695	1695	1674	1566
165	1613	1722	1731	1734	1738	1734	1731	1722	1613
170	1647	1750	1756	1748	1753	1748	1756	1750	1647
175	1669	1769	1778	1768	1770	1768	1778	1769	1669
180	1758	1758	1758	1758	1758	1758	1758	1758	1758

LTL25534
VISUAL PHOTOMETRIC TOOLPUBLISH
PAGE 3 OF 3