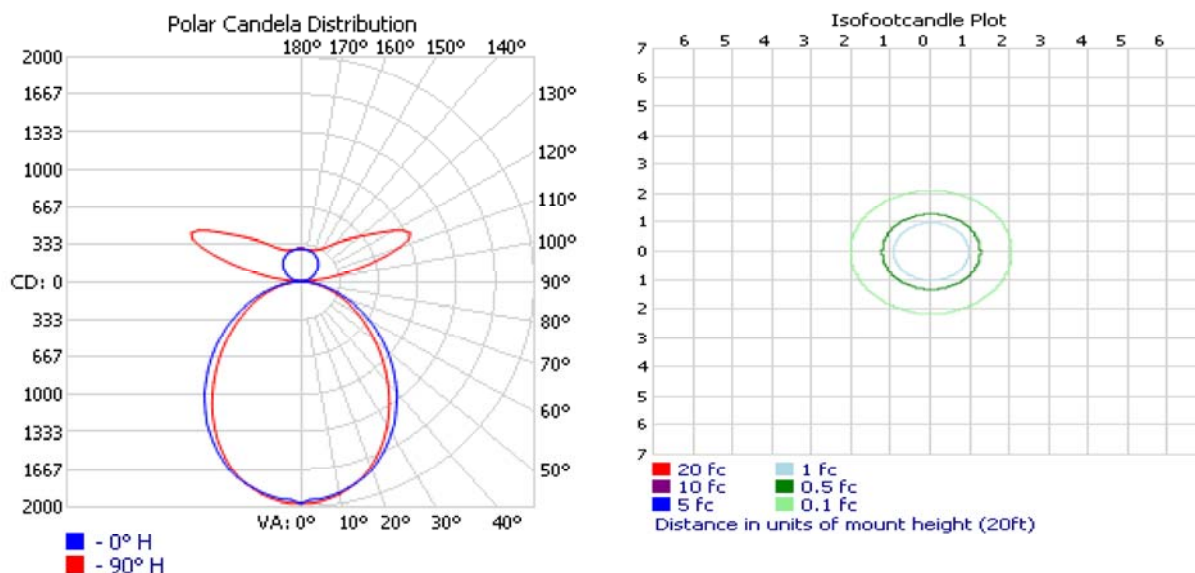


INDOOR PHOTOMETRIC REPORT

CATALOG: S4LID 4FT CRD 1H35 2N35BW EZB WHT



TEST #: LTL25806
 TEST LAB: ACUITY BRANDS LIGHTING CONYERS LAB
 TEST DATE: 7/7/2014
 CATALOG: S4LID 4FT CRD 1H35 2N35BW EZB WHT
 DESCRIPTION: SLOT 4 PENDANT MOUNT 4FT (1) DIRECT HIGH OUTPUT ,3500K
 BOARDS (2) INDIRECT NORMAL OUTPUT 3500K ,BOARDS WITH
 BATWING OPTIC ELDOLED 1061/M 100W ,DRIVER
 SERIES: SLOT 4 LED PSW
 LAMP CATALOG: NICHIA NS21757AT
 LAMP: LED
 LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 6763.4, **ABSOLUTE PHOTOMETRY ***
 BALLAST / DRIVER: ELDOLED 1061/M 100W DRIVER
 INPUT WATTAGE: 76.41
 LUMINOUS OPENING: RECTANGLE (L: 48.96", W: 3")
 CIE CLASS: SEMI-DIRECT
 MAX CD: 1973 AT HORIZONTAL: 22.5°, VERTICAL: 2.5°
 SPACING CRITERION: @ 0 = 1.18 / @ 90 = 1.13



*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.



LTL25806
VISUAL PHOTOMETRIC TOOL

PUBLISH
PAGE 1 OF 3

INDOOR PHOTOMETRIC REPORT

CATALOG: S4LID 4FT CRD 1H35 2N35BW EZB WHT

**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	% LUMINAIRE
0-30	1467.6	21.7%
0-40	2327.6	34.4%
0-60	3826.4	56.6%
60-90	817	12.1%
70-100	462.4	6.8%
90-120	1054.8	15.6%
0-90	4643.4	68.7%
90-180	2119.9	31.3%
0-180	6763.4	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	185.4	2.7%	90-100	123.2	1.8%
10-20	521.9	7.7%	100-110	424.7	6.3%
20-30	760.3	11.2%	110-120	506.8	7.5%
30-40	860	12.7%	120-130	368.2	5.4%
40-50	820.4	12.1%	130-140	261.5	3.9%
50-60	678.5	10.0%	140-150	189.5	2.8%
60-70	477.8	7.1%	150-160	134.8	2%
70-80	263.5	3.9%	160-170	82.9	1.2%
80-90	75.7	1.1%	170-180	28.3	0.4%

AVERAGE LUMINANCE (CD/M2)

	0	22.5	45	67.5	90
0	20779	20779	20779	20779	20779
45	16819	16610	15894	15103	14834
55	15087	14755	13946	13063	12787
65	13284	12785	11986	11212	10937
75	11172	10601	10112	9459	9215
85	7870	7749	7991	7628	7749

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	1.12	1.12	1.12	1.12	1.05	1.05	1.05	.69	.94	.94	.94	.83	.83	.83	.73	.73	.73	.73	.73	.73	.69
1	1.02	.98	.94	.90	.96	.93	.89	.59	.83	.80	.78	.74	.72	.70	.65	.64	.62	.62	.62	.62	.58
2	.93	.86	.80	.74	.88	.81	.76	.50	.73	.69	.65	.65	.62	.59	.58	.55	.53	.53	.53	.53	.49
3	.85	.76	.68	.62	.80	.72	.65	.43	.65	.59	.55	.58	.54	.50	.51	.48	.46	.46	.46	.46	.42
4	.78	.67	.59	.53	.74	.64	.57	.38	.58	.52	.47	.52	.47	.43	.46	.43	.39	.39	.39	.39	.36
5	.72	.60	.52	.46	.68	.57	.50	.33	.52	.46	.41	.47	.42	.38	.42	.38	.35	.35	.35	.35	.32
6	.67	.54	.46	.40	.63	.52	.44	.29	.47	.41	.36	.42	.37	.33	.38	.34	.31	.31	.31	.31	.28
7	.62	.49	.41	.35	.58	.47	.40	.26	.43	.36	.32	.39	.34	.30	.35	.31	.27	.27	.27	.27	.25
8	.57	.45	.37	.32	.54	.43	.36	.24	.39	.33	.29	.35	.30	.27	.32	.28	.25	.25	.25	.25	.23
9	.54	.41	.34	.28	.51	.39	.32	.22	.36	.30	.26	.33	.28	.24	.30	.25	.22	.22	.22	.22	.20
10	.50	.38	.31	.26	.48	.36	.30	.20	.33	.27	.23	.30	.25	.22	.28	.23	.20	.20	.20	.20	.19

LTL25806
VISUAL PHOTOMETRIC TOOLPUBLISH
PAGE 2 OF 3

INDOOR PHOTOMETRIC REPORT

CATALOG: S4LID 4FT CRD 1H35 2N35BW EZB WHT

**CANDELA TABLE - TYPE C**

	0	22.5	45	67.5	90
0	1969	1969	1969	1969	1969
5	1938	1966	1957	1955	1960
10	1902	1931	1917	1912	1917
15	1848	1869	1856	1846	1846
20	1777	1786	1767	1753	1750
25	1671	1684	1655	1632	1622
30	1554	1559	1525	1492	1480
35	1419	1421	1378	1336	1321
40	1282	1271	1227	1173	1158
45	1127	1113	1065	1012	994
50	974	955	910	859	840
55	820	802	758	710	695
60	676	653	614	574	560
65	532	512	480	449	438
70	397	380	358	334	326
75	274	260	248	232	226
80	164	153	150	142	139
85	65	64	66	63	64
90	4	8	8	7	8
95	20	91	136	130	124
100	46	137	358	354	332
105	70	164	482	662	610
110	93	180	498	878	904
115	117	192	458	868	1032
120	140	206	404	724	912
125	166	220	360	588	740
130	192	230	328	498	618
135	214	239	305	428	522
140	234	249	296	376	440
145	250	260	290	338	373
150	261	272	284	318	338
155	275	282	286	301	312
160	284	290	288	295	301
165	287	294	291	294	296
170	291	298	295	292	293
175	297	304	299	298	298
180	299	299	299	299	299

LTL25806
VISUAL PHOTOMETRIC TOOLPUBLISH
PAGE 3 OF 3