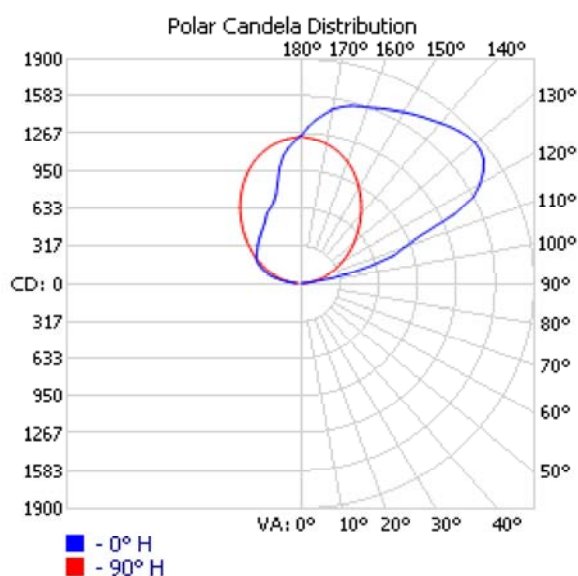


INDOOR PHOTOMETRIC REPORT

CATALOG: S2LWI 4FT 2H35AS EZB WHT (SCALED)



TEST #: LTL25799
 TEST LAB: SCALED PHOTOMETRY
 TEST DATE: 6/11/2014
 CATALOG: S2LWI 4FT 2H35AS EZB WHT (SCALED)
 DESCRIPTION: SLOT 2 WALL MOUNT 4' (2) INDIRECT HIGH OUTPUT 3500K BOARDS
 WITH HALF BATWING OPTIC ELDOLED 561/M 50W DRIVER
 SERIES: SLOT 2 LED PSW
 LAMP CATALOG: NICHIA NS21757AT
 LAMP: LED
 LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 4140, **ABSOLUTE PHOTOMETRY ***
 BALLAST / DRIVER: ELDOLED 561/M 50W DRIVER
 INPUT WATTAGE: 49.6
 LUMINOUS OPENING: RECTANGLE (L: 1.8", W: 48")
 CIE CLASS: INDIRECT
 MAX CD: 1848.2 AT HORIZONTAL: 0°, VERTICAL: 130°
 SPACING CRITERION: @ 0 = 0 / @ 90 = 0

**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	% LUMINAIRE
0-30	0	0%
0-40	0	0%
0-60	0	0%
60-90	0	0%
70-100	84.1	2%
90-120	1118	27%
0-90	0	0%
90-180	4140	100%
0-180	4140	100%

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

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

***FILE HAS 0% DOWNLIGHT, SOME SELECTED PLOTS ARE NOT AVAILABLE.

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CATALOG: S2LWI 4FT 2H35AS EZB WHT (SCALED)

**LUMENS PER ZONE**

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	0	0.0%	90-100	84.1	2%
10-20	0	0.0%	100-110	382.6	9.2%
20-30	0	0.0%	110-120	651.2	15.7%
30-40	0	0.0%	120-130	746.5	18%
40-50	0	0.0%	130-140	712.8	17.2%
50-60	0	0.0%	140-150	620.8	15%
60-70	0	0.0%	150-160	494.9	12%
70-80	0	0.0%	160-170	329.1	7.9%
80-90	0	0.0%	170-180	118	2.8%

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	.95	.95	.95	.95	.81	.81	.81	.00	.56	.56	.56	.32	.32	.32	.10	.10	.10	.00			
1	.87	.83	.79	.76	.74	.71	.68	.00	.48	.47	.45	.28	.27	.26	.09	.09	.08	.00			
2	.79	.72	.66	.62	.67	.62	.57	.00	.42	.40	.37	.24	.23	.22	.08	.07	.07	.00			
3	.72	.63	.56	.51	.61	.54	.49	.00	.37	.34	.31	.21	.20	.18	.07	.06	.06	.00			
4	.65	.56	.48	.43	.56	.48	.42	.00	.33	.29	.26	.19	.17	.16	.06	.06	.05	.00			
5	.60	.49	.42	.36	.51	.42	.36	.00	.29	.25	.22	.17	.15	.13	.05	.05	.04	.00			
6	.55	.44	.36	.31	.47	.38	.32	.00	.26	.22	.19	.15	.13	.11	.05	.04	.04	.00			
7	.50	.39	.32	.27	.43	.34	.28	.00	.23	.19	.17	.14	.11	.10	.04	.04	.03	.00			
8	.47	.35	.28	.23	.40	.30	.24	.00	.21	.17	.14	.12	.10	.09	.04	.03	.03	.00			
9	.43	.32	.25	.20	.37	.28	.22	.00	.19	.15	.13	.11	.09	.08	.04	.03	.03	.00			
10	.40	.29	.22	.18	.34	.25	.19	.00	.17	.14	.11	.10	.08	.07	.03	.03	.02	.00			

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INDOOR PHOTOMETRIC REPORT

CATALOG: S2LWI 4FT 2H35AS EZB WHT (SCALED)

**CANDELA TABLE - TYPE C**

	0	22.5	45	67.5	90	112.5	135	157.5	180
0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0
85	0	0	0	0	0	0	0	0	0
90	0	0	0	0	0	0	0	0	0
95	17	44	72	100	48	59	59	52	61
100	252	337	340	298	111	107	133	142	159
105	603	683	586	444	181	166	194	226	252
110	890	971	975	557	250	218	244	281	316
115	1375	1450	1151	666	327	272	292	335	370
120	1684	1624	1275	766	407	318	337	377	414
125	1815	1711	1352	855	488	370	381	407	437
130	1848	1724	1395	944	579	426	426	438	459
135	1819	1698	1415	1023	670	485	462	472	488
140	1769	1665	1424	1099	762	540	500	505	514
145	1719	1632	1428	1169	855	607	555	536	548
150	1672	1595	1432	1232	944	696	610	585	586
155	1626	1565	1449	1280	1025	823	659	642	649
160	1584	1543	1458	1314	1097	958	736	688	692
165	1552	1517	1445	1325	1154	1060	888	777	777
170	1493	1450	1397	1319	1195	1138	1056	973	988
175	1386	1350	1325	1295	1223	1202	1154	1128	1145
180	1243	1243	1243	1243	1243	1243	1243	1243	1243

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