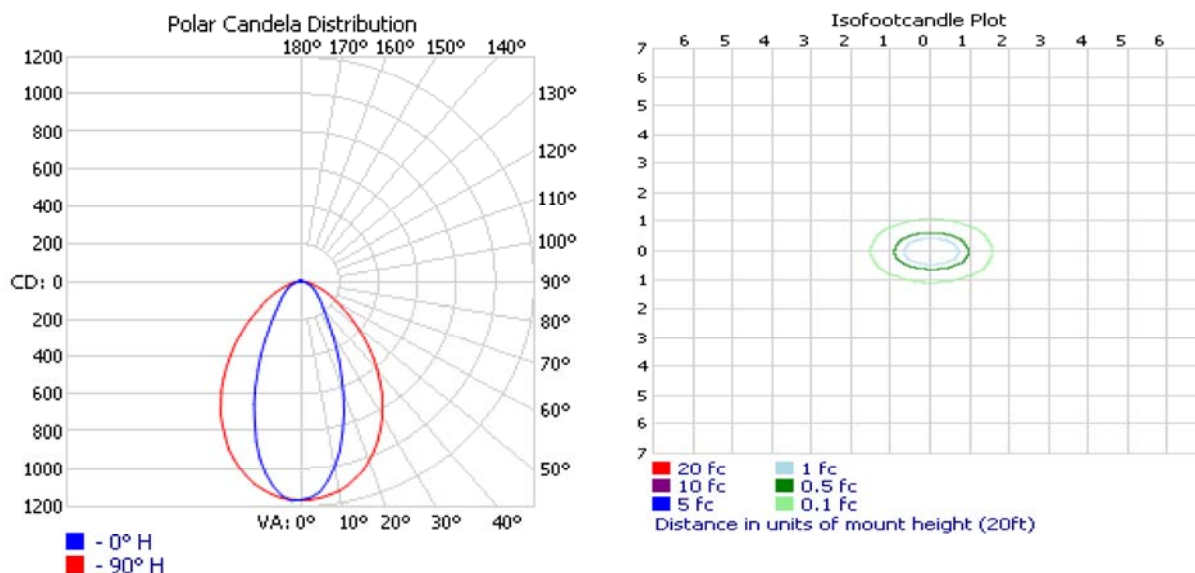


INDOOR PHOTOMETRIC REPORT

CATALOG: S2LWD 4FT 80CRI 35K 400LMF WG



TEST #: ISF 37776P8
 TEST LAB: SCALED PHOTOMETRY
 CATALOG: S2LWD 4FT 80CRI 35K 400LMF WG
 DESCRIPTION: SLOT 2 WALL DIRECT, 4 FOOT, 80CRI, 3500 K, 400 LUMENS PER FOOT W/ WALL GRAZE
 SERIES: SLOT 2 PSW LED
 LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 1478.3, **ABSOLUTE PHOTOMETRY ***
 INPUT WATTAGE: 14.51
 LUMINOUS OPENING: RECTANGLE W/LUMINOUS SIDES (L: 48", W: 2.4", H: 3.72")
 CIE CLASS: DIRECT
 MAX CD: 1173.3 AT HORIZONTAL: 112.5°, VERTICAL: 2.5°
 SPACING CRITERION: @ 0 = 0.68 / @ 90 = 1.09



*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.



ISF 37776P8
VISUAL PHOTOMETRIC TOOL

PUBLISH
PAGE 1 OF 3

INDOOR PHOTOMETRIC REPORT

CATALOG: S2LWD 4FT 80CRI 35K 400LMF WG

**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	% LUMINAIRE
0-30	693.7	46.9%
0-40	973	65.8%
0-60	1329.1	89.9%
60-90	146.1	9.9%
70-100	57.7	3.9%
90-120	1.3	0.1%
0-90	1475.2	99.8%
90-180	3	0.2%
0-180	1478.3	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	107.3	7.3%	90-100	0.5	0%
10-20	269	18.2%	100-110	0.4	0%
20-30	317.3	21.5%	110-120	0.4	0%
30-40	279.4	18.9%	120-130	0.4	0%
40-50	211.4	14.3%	130-140	0.3	0%
50-60	144.7	9.8%	140-150	0.4	0%
60-70	88.9	6.0%	150-160	0.4	0%
70-80	44.7	3.0%	160-170	0.2	0%
80-90	12.6	0.8%	170-180	0.1	0%

AVERAGE LUMINANCE (CD/M2)

	0	45	90	135	180	225	270	315	360
0	15702	15702	15702	15702	15702	15702	15702	15702	15702
45	2491	1978	3688	2070	2601	2098	3586	1895	2491
55	1942	1150	2158	1187	1986	1196	2036	1103	1942
65	1597	691	1115	700	1626	691	1046	662	1597
75	1264	369	488	369	1264	359	456	359	1264
85	770	114	121	114	770	103	103	103	770

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	1.19	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	1.02	1.02	1.02	1.00
1	1.11	1.07	1.04	1.01	1.08	1.05	1.02	.89	1.01	.98	.96	.97	.95	.93	.94	.92	.90	.89	.89	.89	.89
2	1.03	.97	.91	.87	1.01	.95	.90	.79	.91	.87	.84	.88	.85	.82	.85	.83	.80	.78	.78	.78	.78
3	.96	.88	.81	.76	.94	.86	.80	.71	.83	.78	.74	.81	.76	.73	.78	.74	.71	.69	.69	.69	.69
4	.90	.80	.73	.67	.88	.78	.72	.64	.76	.70	.66	.74	.69	.65	.72	.68	.64	.62	.62	.62	.62
5	.84	.73	.66	.60	.82	.72	.65	.58	.70	.64	.59	.68	.63	.58	.66	.62	.58	.56	.56	.56	.56
6	.78	.67	.60	.54	.77	.66	.59	.53	.65	.58	.54	.63	.57	.53	.62	.57	.53	.51	.51	.51	.51
7	.74	.62	.55	.49	.72	.61	.54	.48	.60	.54	.49	.59	.53	.49	.57	.52	.48	.47	.47	.47	.47
8	.69	.58	.50	.45	.68	.57	.50	.44	.56	.49	.45	.55	.49	.45	.54	.48	.44	.43	.43	.43	.43
9	.65	.54	.47	.42	.64	.53	.46	.41	.52	.46	.42	.51	.45	.41	.50	.45	.41	.40	.40	.40	.40
10	.62	.50	.43	.39	.61	.50	.43	.38	.49	.43	.39	.48	.42	.38	.47	.42	.38	.37	.37	.37	.37

ISF 37776P8
VISUAL PHOTOMETRIC TOOLPUBLISH
PAGE 2 OF 3

INDOOR PHOTOMETRIC REPORT

CATALOG: S2LWD 4FT 80CRI 35K 400LMF WG

**CANDELA TABLE - TYPE C**

	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5	360
0	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167
5	1129	1131	1144	1160	1160	1166	1150	1148	1146	1145	1157	1159	1161	1156	1141	1136	1129
10	1005	1030	1070	1119	1137	1130	1089	1052	1040	1048	1087	1120	1127	1114	1068	1028	1005
15	832	867	956	1048	1087	1060	984	910	883	904	974	1049	1076	1037	940	863	832
20	643	691	808	957	1021	970	841	733	699	730	840	961	1006	937	799	683	643
25	468	519	664	851	936	858	699	561	517	561	694	856	915	826	652	511	468
30	329	377	520	729	838	745	555	412	371	414	556	741	821	708	500	367	329
35	237	275	392	609	728	626	421	299	264	296	421	618	710	583	380	265	237
40	179	202	296	493	612	503	317	218	192	217	319	500	589	469	284	199	179
45	141	156	224	389	494	398	234	163	147	164	237	396	481	369	214	155	141
50	112	122	169	296	388	306	177	127	117	127	177	304	376	284	161	121	112
55	92	98	130	223	296	226	134	101	94	101	135	227	279	209	124	97	92
60	75	79	99	164	213	166	100	79	75	80	102	164	205	155	95	78	75
65	59	62	75	116	151	119	76	63	60	63	75	117	142	111	72	62	59
70	45	47	54	80	103	80	54	46	45	47	54	78	95	75	53	46	45
75	31	33	38	52	64	51	38	32	31	32	37	50	60	48	37	32	31
80	20	21	23	28	34	29	23	21	20	20	22	28	31	27	21	20	20
85	9	10	10	13	15	13	10	9	9	9	9	11	13	11	9	9	9
90	1	1	2	2	1	1	1	1	1	1	0	0	0	0	1	1	1
95	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1
100	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1
105	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1
110	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1
115	1	1	1	0	0	0	0	1	1	1	0	0	0	0	0	1	1
120	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1
125	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1
130	1	1	1	0	0	0	0	1	1	1	0	0	0	0	0	1	1
135	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
140	1	1	1	0	0	0	1	1	1	1	1	0	0	0	0	1	1
145	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1
150	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1
155	1	1	1	1	0	1	1	1	1	1	1	1	0	0	1	1	1
160	1	1	1	1	0	1	1	1	1	1	1	0	0	0	1	1	1
165	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1
170	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1
175	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1
180	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

ISF 37776P8
VISUAL PHOTOMETRIC TOOLPUBLISH
PAGE 3 OF 3