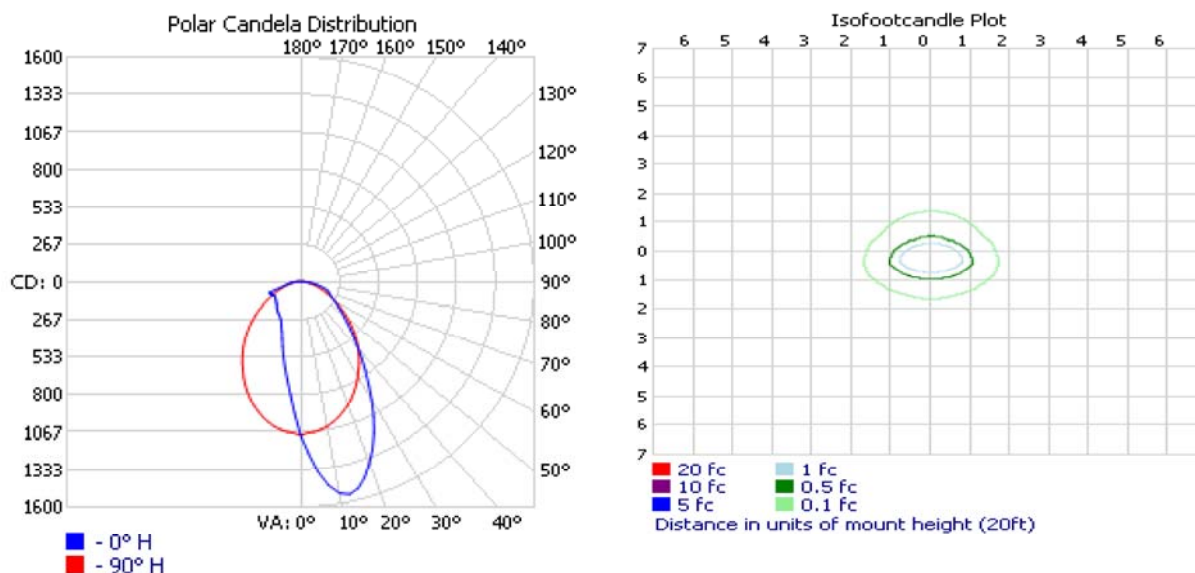


INDOOR PHOTOMETRIC REPORT

CATALOG: S4LS 4FT 1N35WW EZB WHT



TEST #: LTL25807B
 TEST LAB: ACUITY BRANDS LIGHTING CONYERS LAB
 TEST DATE: 6/10/2014
 CATALOG: S4LS 4FT 1N35WW EZB WHT
 DESCRIPTION: SLOT 4 SURFACE MOUNT 4' (1) DIRECT NORMAL OUTPUT 3500K
 BOARDS WITH WALL WASH OPTIC ELDOLED 561/M 50W DRIVER;
 NO LENS
 SERIES: SLOT 4 LED PSW
 LAMP CATALOG: NICHIA NS21757AT
 LAMP: LED
 LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 2154, **ABSOLUTE PHOTOMETRY ***
 BALLAST / DRIVER: ELDOLED 561/M 50W DRIVER
 INPUT WATTAGE: 26.03
 LUMINOUS OPENING: RECTANGLE (L: 3", W: 48.96")
 CIE CLASS: DIRECT
 MAX CD: 1547 AT HORIZONTAL: 0°, VERTICAL: 12.5°
 SPACING CRITERION: @ 0 = 1.25 / @ 90 = 1.09



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

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

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LTL25807B
VISUAL PHOTOMETRIC TOOL

PUBLISH
PAGE 1 OF 3

INDOOR PHOTOMETRIC REPORT
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ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0-30	770.6	35.8%
0-40	1165	54.1%
0-60	1780.5	82.7%
60-90	373.5	17.3%
0-90	2154	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL
0-10	103.2	4.8%
10-20	284.4	13.2%
20-30	383.1	17.8%
30-40	394.3	18.3%
40-50	344.9	16.0%
50-60	270.7	12.6%
60-70	202.4	9.4%
70-80	130.5	6.1%
80-90	40.5	1.9%

AVERAGE LUMINANCE (CD/M2)

	0	22.5	45	67.5	90	112.5	135	157.5	180
0	11503	11503	11503	11503	11503	11503	11503	11503	11503
45	7223	7611	9641	11491	7790	4358	3522	3477	3462
55	5832	5998	7231	8629	6366	3827	3569	3772	3864
65	5543	5269	5768	6292	4844	3696	4045	5044	5319
75	5871	5545	5627	4974	3751	3914	6116	5056	4567
85	3753	3511	3875	4601	2906	3875	4843	5328	4964

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	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	1.00			
1	1.09	1.05	1.01	.97	1.07	1.03	.99	.86	.99	.96	.93	.95	.92	.90	.91	.89	.87	.85			
2	1.00	.93	.86	.81	.98	.91	.85	.74	.87	.82	.78	.84	.80	.76	.81	.78	.75	.73			
3	.92	.83	.75	.69	.90	.81	.74	.64	.78	.72	.67	.75	.70	.66	.73	.69	.65	.63			
4	.85	.74	.66	.60	.83	.73	.65	.56	.70	.64	.58	.68	.62	.58	.66	.61	.57	.55			
5	.79	.67	.59	.52	.77	.66	.58	.50	.64	.57	.51	.62	.56	.51	.60	.55	.50	.48			
6	.73	.61	.52	.46	.72	.60	.52	.45	.58	.51	.46	.57	.50	.45	.55	.49	.45	.43			
7	.68	.56	.47	.42	.67	.55	.47	.41	.53	.46	.41	.52	.46	.41	.51	.45	.41	.39			
8	.64	.51	.43	.38	.63	.51	.43	.37	.49	.42	.37	.48	.42	.37	.47	.41	.37	.35			
9	.60	.47	.40	.34	.59	.47	.39	.34	.46	.39	.34	.45	.38	.34	.44	.38	.34	.32			
10	.57	.44	.37	.32	.55	.44	.36	.31	.43	.36	.31	.42	.36	.31	.41	.35	.31	.29			

INDOOR PHOTOMETRIC REPORT

CATALOG: S4LS 4FT 1N35WW EZB WHT

**CANDELA TABLE - TYPE C**

	0	22.5	45	67.5	90	112.5	135	157.5	180
0	1090	1090	1090	1090	1090	1090	1090	1090	1090
5	1351	1351	1286	1196	1070	980	896	844	804
10	1526	1511	1428	1269	1042	859	718	652	619
15	1519	1514	1478	1310	996	740	590	514	479
20	1372	1386	1432	1309	935	639	484	404	376
25	1185	1213	1312	1264	862	551	393	333	316
30	972	1015	1162	1182	781	475	330	290	284
35	772	816	990	1066	698	406	285	268	269
40	610	644	809	926	612	344	256	252	253
45	484	510	646	770	522	292	236	233	232
50	388	406	508	612	434	247	217	216	220
55	317	326	393	469	346	208	194	205	210
60	264	264	302	349	264	176	178	197	205
65	222	211	231	252	194	148	162	202	213
70	200	184	170	178	136	119	157	202	224
75	144	136	138	122	92	96	150	124	112
80	94	84	85	79	56	72	76	80	76
85	31	29	32	38	24	32	40	44	41
90	0	0	0	1	1	4	6	8	5

LTL25807B
VISUAL PHOTOMETRIC TOOLPUBLISH
PAGE 3 OF 3