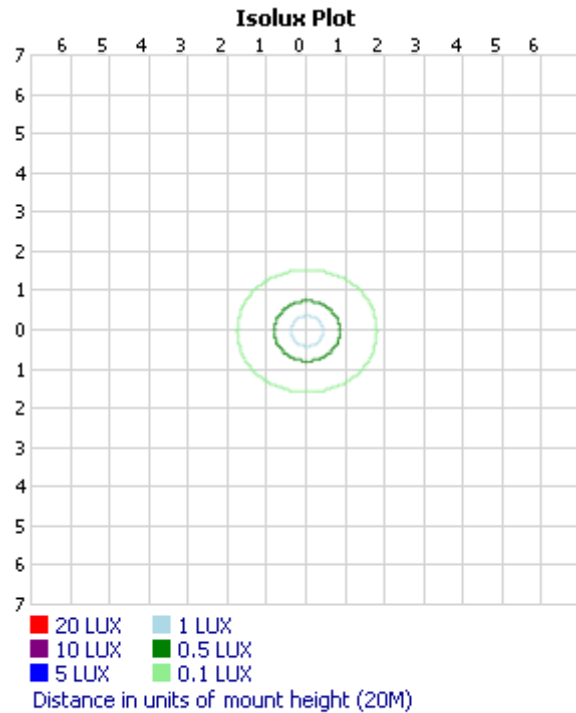
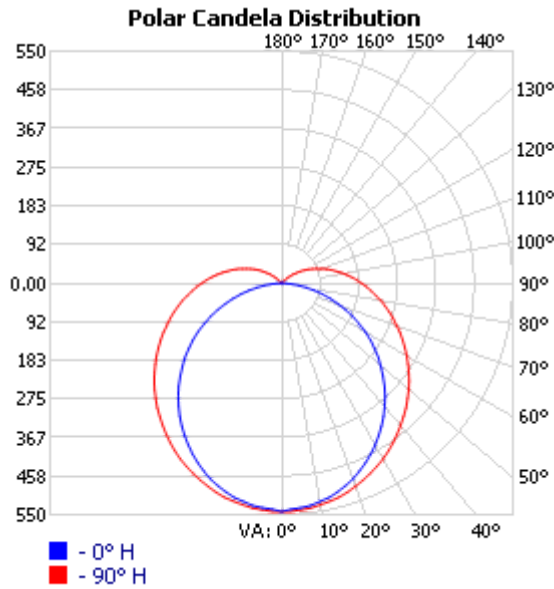


INDOOR PHOTOMETRIC REPORT

CATALOG: MNSL L46 1LL MVOLT GZN 40K 80CRI M6



TEST #: LTL22751
TEST LAB: ACUITY BRANDS LIGHTING CONYERS LAB
TEST DATE: 12/6/2012
CATALOG: MNSL L46 1LL MVOLT GZN 40K 80CRI M6
DESCRIPTION: 46" LINEAR LED STRIP WITH WHITE POLYCARBONATE LENS ,AND MULTIVOLT DRIVER
SERIES: LED DRY LOCATION STRIPLIGHT
LAMP CATALOG: SAMSUNG 2323
LAMP: LED
LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 2104, ABSOLUTE PHOTOMETRY *
BALLAST / DRIVER: KEYSTONE KTLD-25-UV-0A70-VDIM-SL
INPUT WATTAGE: 27.3
LUMINOUS OPENING: (L: 45.96", W: 0", H: 0")
CIE CLASS: SEMI-DIRECT
MAX CD: 545.0 AT HORIZONTAL: 22.5°, VERTICAL: 2.5°
SPACING CRITERION: @ 0 = 1.22 / @ 90 = 1.33



*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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ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0-30	422.7	20.1%
0-40	697.4	33.1%
0-60	1,278.7	60.8%
60-90	602.8	28.7%
70-100	453.4	21.5%
90-120	205.9	9.8%
0-90	1,881.6	89.4%
90-180	222.4	10.6%
0-180	2,104.0	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	51.3	2.4%	90-100	102.9	4.9%
10-20	147.2	7.0%	100-110	66.4	3.2%
20-30	224.2	10.7%	110-120	36.6	1.7%
30-40	274.7	13.1%	120-130	14.4	0.7%
40-50	295.1	14.0%	130-140	2.1	0.1%
50-60	286.3	13.6%	140-150	0.000	0%
60-70	252.3	12.0%	150-160	0.000	0%
70-80	202.3	9.6%	160-170	0.000	0%
80-90	148.2	7.0%	170-180	0.000	0%

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	1.17	1.17	1.17	1.17	1.13	1.13	1.13	.89	1.05	1.05	1.05	.99	.99	.99	.92	.92	.92	.89			
1	1.04	.98	.92	.88	1.00	.94	.90	.70	.88	.84	.81	.82	.79	.76	.77	.74	.72	.69			
2	.93	.84	.76	.69	.89	.81	.74	.57	.76	.70	.64	.71	.66	.61	.66	.62	.58	.56			
3	.84	.73	.64	.57	.81	.70	.62	.47	.66	.59	.53	.62	.56	.51	.58	.53	.49	.46			
4	.77	.64	.55	.47	.74	.62	.53	.40	.58	.51	.45	.54	.48	.43	.51	.46	.41	.38			
5	.71	.57	.47	.40	.68	.55	.46	.35	.52	.44	.38	.49	.42	.37	.46	.40	.35	.33			
6	.65	.51	.42	.35	.62	.49	.41	.30	.47	.39	.33	.44	.37	.32	.41	.35	.31	.29			
7	.60	.46	.37	.31	.58	.45	.36	.27	.42	.35	.29	.40	.33	.28	.38	.32	.27	.25			
8	.56	.42	.33	.27	.54	.41	.33	.24	.39	.31	.26	.36	.30	.25	.35	.29	.24	.22			
9	.52	.38	.30	.24	.50	.37	.29	.22	.35	.28	.23	.34	.27	.23	.32	.26	.22	.20			
10	.49	.35	.27	.22	.47	.34	.27	.20	.33	.26	.21	.31	.25	.20	.30	.24	.20	.18			

CANDELA TABLE - TYPE C

	0	22.5	45	67.5	90
0	542	542	542	542	542
5	535	542	540	540	540
10	526	534	533	534	534
15	513	520	521	524	526
20	495	503	506	511	513
25	471	480	486	495	498
30	444	454	464	476	482
35	414	424	439	454	462
40	381	392	412	432	440
45	346	357	382	407	418
50	308	322	352	382	394
55	269	284	321	355	369
60	229	246	290	328	343
65	186	207	258	301	317
70	142	170	228	274	290
75	100	135	200	247	265
80	59	104	173	222	240
85	24	77	148	196	214
90	4	56	124	173	190
95	0	39	104	150	167
100	0	26	84	128	144
105	0	16	67	107	122
110	0	6	51	88	100
115	0	1	36	69	80
120	0	0	21	50	61
125	0	0	8	33	42
130	0	0	1	16	24
135	0	0	0	4	8
140	0	0	0	0	0
145	0	0	0	0	0
150	0	0	0	0	0
155	0	0	0	0	0
160	0	0	0	0	0
165	0	0	0	0	0
170	0	0	0	0	0
175	0	0	0	0	0
180	0	0	0	0	0