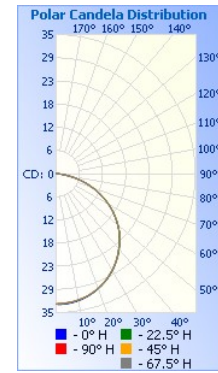


KICHLER®

KICHLER PHOTOMETRIC LAB

Filename: 8T1xxxS22WH
Manufacturer: Kichler Lighting LLC
Luminaire: Tape Light
Luminaire Cat: CTR180472-01
Lamp: 8T1xxxS22WH
Lamp Output: Total luminaire Lumens: 95
Max Candela: 32.8 at Horizontal: 0°, Vertical: 1°
Input Wattage: 1.5
Luminous Opening: Rectangle (L: 12.12", W: 0.36")
Test: LM-79 Distribution
Test Lab: Kichler Lighting
Photometry: Type C
Nema Type: 7 X 7



Roadway Summary

Cutoff Classification:	CUTOFF
Distribution:	Type VS
Max Cd, 90 Deg Vert:	0.0
Max Cd, 80 to <90 Deg:	3.4
Lumens % Lamp	
Downward Street Side:	47.4 49.9%
Downward House Side:	47.6 50.1%
Downward Total:	95.0 100%
Upward Street Side:	0 0%
Upward House Side:	0.0 0%
Upward Total:	0.0 0%
Total Lumens:	95.0 100%

Flood Summary

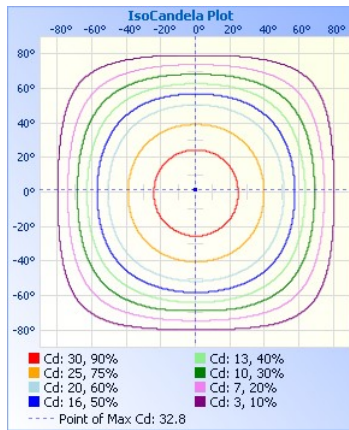
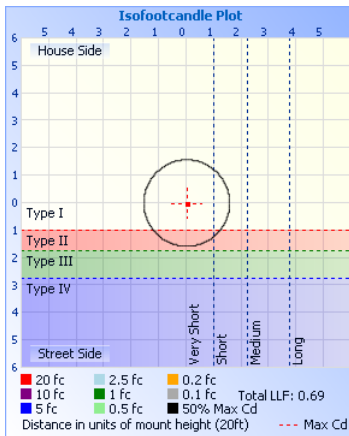
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	98.6%	93.6	160.4	158.8
Beam (50%):	75.2%	71.4	114.7	115.1
Total:	100%	94.9		

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	25.6	26.9%
0-40	42.0	44.3%
0-60	75.1	79.1%
60-90	19.9	20.9%
70-100	7.9	8.3%
90-120	0.0	0%
0-90	95.0	100%
90-180	0.0	0%
0-180	95.0	100%

Lumens Per Zone

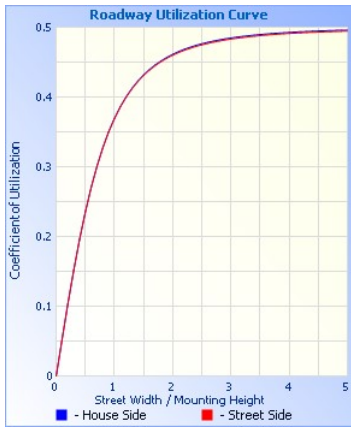
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	3.1	3.3%	90-100	0.0	0%
10-20	8.9	9.4%	100-110	0	0%
20-30	13.6	14.3%	110-120	0	0%
30-40	16.5	17.3%	120-130	0	0%
40-50	17.3	18.2%	130-140	0	0%
50-60	15.8	16.6%	140-150	0	0%
60-70	12.0	12.6%	150-160	0	0%
70-80	6.5	6.9%	160-170	0	0%
80-90	1.4	1.4%	170-180	0	0%



Illuminance at a Distance

Center Beam fc	Beam Width
17.0ft: 0.11 fc	53.5 ft 53.1 ft
34.0ft: 0.03 fc	107.0 ft 106.2 ft
51.0ft: 0.01 fc	160.5 ft 159.3 ft
68.0ft: 0.01 fc	214.0 ft 212.4 ft
85.0ft: 0.00 fc	267.4 ft 265.5 ft
102.0ft: 0.00 fc	320.9 ft 318.6 ft

Vert. Spread: 115.1°
 Horiz. Spread: 114.7°



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
RCC: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.00	1.11	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.02	1.02	1.00
1	1.09	1.04	1.00	.96	1.06	1.02	.98	.85	.98	.94	.91	.89	.94	.91	.89	.90	.88	.86	.86	.84	.84
2	.99	.91	.84	.78	.96	.89	.82	.71	.85	.80	.75	.74	.82	.77	.74	.79	.75	.72	.72	.70	.70
3	.90	.79	.71	.65	.88	.78	.70	.60	.75	.68	.63	.62	.72	.67	.62	.70	.65	.61	.61	.59	.59
4	.82	.70	.61	.55	.80	.69	.61	.52	.66	.59	.53	.53	.64	.58	.53	.62	.56	.52	.52	.50	.50
5	.76	.63	.54	.47	.74	.62	.53	.45	.59	.52	.46	.46	.57	.51	.46	.56	.50	.45	.45	.43	.43
6	.70	.56	.47	.41	.68	.55	.47	.39	.54	.46	.40	.40	.52	.45	.40	.50	.44	.40	.40	.38	.38
7	.65	.51	.42	.36	.63	.50	.42	.35	.49	.41	.36	.36	.47	.40	.35	.46	.40	.35	.35	.33	.33
8	.60	.47	.38	.32	.59	.46	.38	.31	.45	.37	.32	.32	.43	.37	.32	.42	.36	.31	.31	.29	.29
9	.56	.43	.34	.29	.55	.42	.34	.28	.41	.34	.29	.29	.40	.33	.28	.39	.33	.28	.28	.26	.26
10	.53	.39	.31	.26	.51	.39	.31	.26	.38	.31	.26	.26	.37	.30	.26	.36	.30	.26	.26	.24	.24

Candela Table - Type C

	0	22.5	45	67.5	90	112.5	135	157.5	180
0	33	33	33	33	33	33	33	33	33
1	33	33	33	33	33	33	33	33	33
2	33	33	33	33	33	33	33	33	33
3	33	33	33	33	33	33	33	33	33
4	33	33	33	33	32	33	33	33	33
5	33	33	32	32	32	32	32	33	33
6	33	33	32	32	32	32	32	33	33
7	33	32	32	32	32	32	32	32	33
8	32	32	32	32	32	32	32	32	32
9	32	32	32	32	32	32	32	32	32
10	32	32	32	32	32	32	32	32	32
11	32	32	32	32	32	32	32	32	32
12	32	32	32	32	32	32	32	32	32
13	32	32	32	32	32	32	32	32	32
14	32	32	32	32	32	32	32	32	32
15	32	32	31	32	31	32	32	32	32
16	31	31	31	31	31	31	31	31	32
17	31	31	31	31	31	31	31	31	31
18	31	31	31	31	31	31	31	31	31
19	31	31	31	31	31	31	31	31	31
20	31	31	31	31	31	31	31	31	31
21	30	30	30	30	30	30	30	30	31
22	30	30	30	30	30	30	30	30	30
23	30	30	30	30	30	30	30	30	30
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27	29	29	29	29	29	29	29	29	29
28	29	29	29	29	29	29	29	29	29
29	28	28	28	28	28	28	28	28	28
30	28	28	28	28	28	28	28	28	28
31	28	28	28	28	28	28	28	28	28
32	27	27	27	27	27	27	27	27	27
33	27	27	27	27	27	27	27	27	27
34	27	27	27	27	27	27	27	27	27
35	26	26	26	26	26	26	26	26	26
36	26	26	26	26	26	26	26	26	26
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60	15	15	15	15	15	15	15	15	15
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62	14	14	14	14	14	14	14	14	14
63	13	13	13	13	13	13	13	13	13
64	13	13	13	13	13	13	13	13	13
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66	11	12	12	11	12	12	12	12	12
67	11	11	11	11	11	11	11	11	11
68	10	10	10	10	10	10	10	10	10
69	10	10	10	10	10	10	10	10	9
70	9	9	9	9	9	9	9	9	9
71	8	9	9	9	9	9	9	9	8
72	8	8	8	8	8	8	8	8	8
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74	7	7	7	7	7	7	7	7	7
75	6	6	6	6	6	6	6	6	6
76	5	6	6	6	6	6	6	6	6
77	5	5	5	5	5	5	5	5	5
78	4	4	4	4	4	4	5	4	4
79	3	4	4	4	4	4	4	4	4

80	3	3	3	3	3	3	3	3	3
81	2	3	3	3	3	3	3	3	3
82	2	2	2	2	2	2	2	2	2
83	2	2	2	2	2	2	2	2	2
84	1	1	1	1	1	2	2	1	1
85	1	1	1	1	1	1	1	1	1
86	0	1	1	1	1	1	1	1	1
87	0	0	0	0	0	0	1	1	0
88	0	0	0	0	0	0	0	0	0
89	0	0	0	0	0	0	0	0	0
90	0	0	0	0	0	0	0	0	0
91	0	0	0	0	0	0	0	0	0
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93	0	0	0	0	0	0	0	0	0
94	0	0	0	0	0	0	0	0	0
95	0	0	0	0	0	0	0	0	0
96	0	0	0	0	0	0	0	0	0
97	0	0	0	0	0	0	0	0	0
98	0	0	0	0	0	0	0	0	0
99	0	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0	0
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102	0	0	0	0	0	0	0	0	0
103	0	0	0	0	0	0	0	0	0
104	0	0	0	0	0	0	0	0	0
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106	0	0	0	0	0	0	0	0	0
107	0	0	0	0	0	0	0	0	0
108	0	0	0	0	0	0	0	0	0
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111	0	0	0	0	0	0	0	0	0
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116	0	0	0	0	0	0	0	0	0
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121	0	0	0	0	0	0	0	0	0
122	0	0	0	0	0	0	0	0	0
123	0	0	0	0	0	0	0	0	0
124	0	0	0	0	0	0	0	0	0
125	0	0	0	0	0	0	0	0	0
126	0	0	0	0	0	0	0	0	0
127	0	0	0	0	0	0	0	0	0
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132	0	0	0	0	0	0	0	0	0
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142	0	0	0	0	0	0	0	0	0
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160	0	0	0	0	0	0	0	0	0
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163	0	0	0	0	0	0	0	0	0
164	0	0	0	0	0	0	0	0	0
165	0	0	0	0	0	0	0	0	0
166	0	0	0	0	0	0	0	0	0
167	0	0	0	0	0	0	0	0	0
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177	0	0	0	0	0	0	0	0	0
178	0	0	0	0	0	0	0	0	0
179	0	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0

Luminaire Report Summary

IESNA:LM-63-2002
[USER DEFINED] 1 foot representative distribution of any length 8T product of the
output and color temperature indicated in the file/part number.
[TEST] LM-79 Distribution
[TESTLAB] Kichler Lighting
[ISSUEDATE] 1/29/2019
[MANUFAC] Kichler Lighting LLC
[LUMCAT] CTR180472-01
[LUMINAIRE] Tape Light
[LAMP] 8T1xxxS22WH

FILE: CREATED USING ABSOLUTE PHOTOMETRY
FILE: CANDELA MULTIPLIER: 1
FILE: VERTICAL ANGLES: 181, HORIZONTAL ANGLES: 9
FILE: COORDINATE SYSTEM: TYPE C
FILE: UNIT OF MEASURE: STANDARD
FILE: BALLAST FACTOR: 1

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Reported data calculated from manufacturer's data file, based on IES recommended methods.