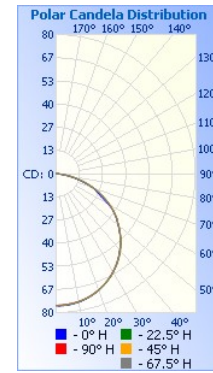


KICHLER®

KICHLER PHOTOMETRIC LAB

Filename: 8T1xxxH50WH
Manufacturer: Kichler Lighting LLC
Luminaire: Tape Light
Luminaire Cat: CTR180472-03
Lamp: 8T1xxxH50WH
Lamp Output: Total luminaire Lumens: 220
Max Candela: 75.7 at Horizontal: 0°, Vertical: 1°
Input Wattage: 3
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

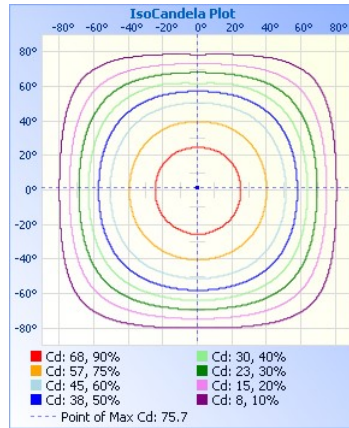
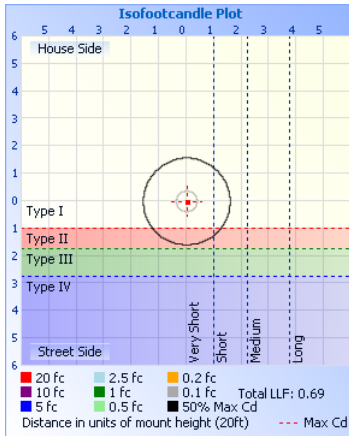


Roadway Summary	
Cutoff Classification:	CUTOFF
Distribution:	Type VS
Max Cd, 90 Deg Vert:	0.1
Max Cd, 80 to <90 Deg:	8.1
Lumens % Lamp	
Downward Street Side:	110.1 50.1%
Downward House Side:	109.9 50%
Downward Total:	220.0 100%
Upward Street Side:	0.0 0%
Upward House Side:	0.0 0%
Upward Total:	0.0 0%
Total Lumens:	220.0 100%

Flood Summary			
	Efficiency	Lumens	Vertical Spread
Field (10%):	98.6%	216.9	160.7
Beam (50%):	75.4%	166.0	115.3
Total:	100%	220.0	

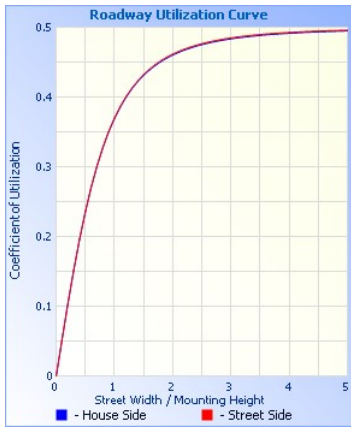
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	59.2	26.9%
0-40	97.4	44.3%
0-60	173.9	79.1%
60-90	46.1	20.9%
70-100	18.3	8.3%
90-120	0.0	0%
0-90	220.0	100%
90-180	0.0	0%
0-180	220.0	100%

Lumens Per Zone					
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	7.2	3.3%	90-100	0.0	0%
10-20	20.6	9.4%	100-110	0	0%
20-30	31.4	14.3%	110-120	0	0%
30-40	38.2	17.4%	120-130	0	0%
40-50	39.9	18.2%	130-140	0	0%
50-60	36.6	16.6%	140-150	0	0%
60-70	27.8	12.6%	150-160	0	0%
70-80	15.1	6.9%	160-170	0	0%
80-90	3.2	1.4%	170-180	0	0%



Distance	Illuminance at a Distance	
	Center Beam fc	Beam Width
17.0ft	0.26 fc	53.7 ft 53.7 ft
34.0ft	0.07 fc	107.3 ft 107.4 ft
51.0ft	0.03 fc	161.0 ft 161.1 ft
68.0ft	0.02 fc	214.7 ft 214.8 ft
85.0ft	0.01 fc	268.4 ft 268.5 ft
102.0ft	0.01 fc	322.0 ft 322.2 ft

Vert. Spread: 115.3°
 Horiz. Spread: 115.3°



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	1.00	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	.63	.72	.66	.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	.44	.37	.32	.32	.43	.36	.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

53.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0
56.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1	0.1	0
58.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1	0
61.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0.1	0	
63.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
66.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
68.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
71.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
73.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
76.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
78.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
81.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
83.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
86.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
88.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Maximum lm: 0.1
 Field lm: 216.9
 Total lm: 220.0

Candela Table - Type C

	0	22.5	45	67.5	90	112.5	135	157.5	180
0	76	76	76	76	76	76	76	76	76
1	76	76	75	75	75	75	75	76	76
2	76	76	75	75	75	75	75	75	76
3	76	75	75	75	75	75	75	75	76
4	76	75	75	75	75	75	75	75	76
5	76	75	75	75	75	75	75	75	75
6	75	75	75	75	75	75	75	75	75
7	75	75	75	75	75	75	75	75	75
8	75	75	75	75	75	75	75	75	75
9	75	75	75	75	74	75	75	75	75
10	75	75	74	74	74	74	74	74	75
11	74	74	74	74	74	74	74	74	74
12	74	74	74	74	74	74	74	74	74
13	74	74	74	74	73	74	74	74	74
14	73	73	73	73	73	73	73	73	74
15	73	73	73	73	73	73	73	73	73
16	73	73	73	73	72	73	72	73	73
17	72	72	72	72	72	72	72	72	72
18	72	72	72	72	72	72	72	72	72
19	71	72	71	71	71	71	71	71	72
20	71	71	71	71	71	71	71	71	71
21	70	71	70	70	70	70	70	70	71
22	70	70	70	70	70	70	70	70	70
23	69	70	69	69	69	69	69	69	70
24	69	69	69	69	69	69	69	69	69
25	68	68	68	68	68	68	68	68	68
26	68	68	68	68	67	68	67	68	68
27	67	67	67	67	67	67	67	67	67
28	66	67	66	66	66	66	66	66	67
29	66	66	66	66	65	66	65	66	66
30	65	65	65	65	65	65	65	65	65
31	64	64	64	64	64	64	64	64	64
32	64	64	63	63	63	63	63	63	64
33	63	63	63	63	63	63	62	63	63
34	62	62	62	62	62	62	62	62	62
35	61	61	61	61	61	61	61	61	61
36	60	61	60	60	60	60	60	60	60
37	59	60	59	59	59	59	59	59	60
38	59	59	59	59	58	58	58	58	59
39	58	58	58	58	58	57	57	58	58
40	57	57	57	57	57	57	57	57	57
41	56	56	56	56	56	56	56	56	56
42	55	55	55	55	55	55	55	55	55
43	54	54	54	54	54	54	54	54	54
44	53	53	53	53	53	53	53	53	53
45	52	52	52	52	52	52	52	52	52
46	51	51	51	51	51	51	51	51	51
47	50	50	50	50	50	50	50	50	50
48	49	49	49	49	49	49	48	49	49
49	48	48	48	48	48	47	47	47	48
50	46	47	47	46	46	46	46	46	46
51	45	46	45	45	45	45	45	45	45
52	44	44	44	44	44	44	44	44	45
53	44	44	44	44	44	43	43	43	44
54	42	43	42	42	42	42	42	42	42
55	41	41	41	41	41	41	41	41	41
56	40	40	40	40	40	40	40	40	40
57	39	39	39	39	39	39	38	39	39
58	37	38	38	38	37	37	37	37	38
59	36	36	36	36	36	36	36	36	36
60	34	35	35	35	35	35	35	35	35
61	32	34	34	34	34	33	33	33	34
62	30	32	32	32	32	32	32	32	32
63	29	31	31	31	31	31	31	31	31
64	28	30	30	30	30	30	29	29	30
65	26	28	28	28	28	28	28	28	28
66	25	27	27	27	27	27	27	27	27
67	24	25	26	26	26	25	25	25	26
68	24	24	24	24	24	24	24	24	24
69	22	22	23	23	23	23	23	22	23
70	21	21	22	21	21	21	21	21	22
71	19	19	20	20	20	20	20	20	20
72	18	18	19	19	19	18	18	18	19
73	16	17	17	17	17	17	17	17	17
74	15	15	16	16	16	16	16	16	16
75	13	14	15	15	14	14	14	14	14
76	11	12	13	13	13	13	13	13	13
77	10	11	12	12	12	12	12	12	11
78	9	10	11	11	11	10	10	10	10
79	7	8	9	9	9	9	9	9	8

80	6	7	8	8	8	8	8	7	7
81	5	6	7	7	7	7	7	6	5
82	4	5	6	6	6	6	6	5	5
83	3	4	5	5	5	4	4	4	3
84	2	3	4	4	4	3	3	3	3
85	1	2	3	3	3	3	3	2	2
86	1	2	2	2	2	2	2	2	1
87	0	1	1	1	1	1	1	1	1
88	0	1	1	1	1	1	1	1	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
92	0	0	0	0	0	0	0	0	0
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
101	0	0	0	0	0	0	0	0	0
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
105	0	0	0	0	0	0	0	0	0
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
109	0	0	0	0	0	0	0	0	0
110	0	0	0	0	0	0	0	0	0
111	0	0	0	0	0	0	0	0	0
112	0	0	0	0	0	0	0	0	0
113	0	0	0	0	0	0	0	0	0
114	0	0	0	0	0	0	0	0	0
115	0	0	0	0	0	0	0	0	0
116	0	0	0	0	0	0	0	0	0
117	0	0	0	0	0	0	0	0	0
118	0	0	0	0	0	0	0	0	0
119	0	0	0	0	0	0	0	0	0
120	0	0	0	0	0	0	0	0	0
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
128	0	0	0	0	0	0	0	0	0
129	0	0	0	0	0	0	0	0	0
130	0	0	0	0	0	0	0	0	0
131	0	0	0	0	0	0	0	0	0
132	0	0	0	0	0	0	0	0	0
133	0	0	0	0	0	0	0	0	0
134	0	0	0	0	0	0	0	0	0
135	0	0	0	0	0	0	0	0	0
136	0	0	0	0	0	0	0	0	0
137	0	0	0	0	0	0	0	0	0
138	0	0	0	0	0	0	0	0	0
139	0	0	0	0	0	0	0	0	0
140	0	0	0	0	0	0	0	0	0
141	0	0	0	0	0	0	0	0	0
142	0	0	0	0	0	0	0	0	0
143	0	0	0	0	0	0	0	0	0
144	0	0	0	0	0	0	0	0	0
145	0	0	0	0	0	0	0	0	0
146	0	0	0	0	0	0	0	0	0
147	0	0	0	0	0	0	0	0	0
148	0	0	0	0	0	0	0	0	0
149	0	0	0	0	0	0	0	0	0
150	0	0	0	0	0	0	0	0	0
151	0	0	0	0	0	0	0	0	0
152	0	0	0	0	0	0	0	0	0
153	0	0	0	0	0	0	0	0	0
154	0	0	0	0	0	0	0	0	0
155	0	0	0	0	0	0	0	0	0
156	0	0	0	0	0	0	0	0	0
157	0	0	0	0	0	0	0	0	0
158	0	0	0	0	0	0	0	0	0
159	0	0	0	0	0	0	0	0	0
160	0	0	0	0	0	0	0	0	0
161	0	0	0	0	0	0	0	0	0
162	0	0	0	0	0	0	0	0	0

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
168	0	0	0	0	0	0	0	0	0
169	0	0	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0	0	0
171	0	0	0	0	0	0	0	0	0
172	0	0	0	0	0	0	0	0	0
173	0	0	0	0	0	0	0	0	0
174	0	0	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0	0	0
176	0	0	0	0	0	0	0	0	0
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] 1/31/2019
[MANUFAC] Kichler Lighting LLC
[LUMCAT] CTR180472-03
[LUMINAIRE] Tape Light
[LAMP] 8T1xxxH50WH

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.