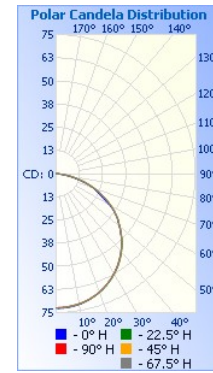


KICHLER®

KICHLER PHOTOMETRIC LAB

Filename: 8T1xxxH30WH
Manufacturer: Kichler Lighting LLC
Luminaire: Tape Light
Luminaire Cat: CTR180472-03
Lamp: 8T1xxxH30WH
Lamp Output: Total luminaire Lumens: 210
Max Candela: 72.3 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:	7.7
Lumens % Lamp	
Downward Street Side:	105.1 50.1%
Downward House Side:	104.9 50%
Downward Total:	210.0 100%
Upward Street Side:	0.0 0%
Upward House Side:	0.0 0%
Upward Total:	0.0 0%
Total Lumens:	210.0 100%

Flood Summary

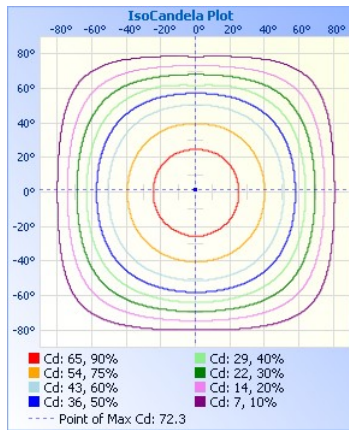
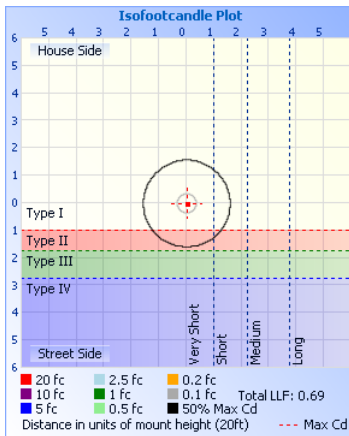
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	98.6%	207.0	160.7	158.3
Beam (50%):	75.4%	158.4	115.3	115.3
Total:	100%	209.9		

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	56.5	26.9%
0-40	92.9	44.3%
0-60	166.0	79.1%
60-90	44.0	20.9%
70-100	17.4	8.3%
90-120	0.0	0%
0-90	210.0	100%
90-180	0.0	0%
0-180	210.0	100%

Lumens Per Zone

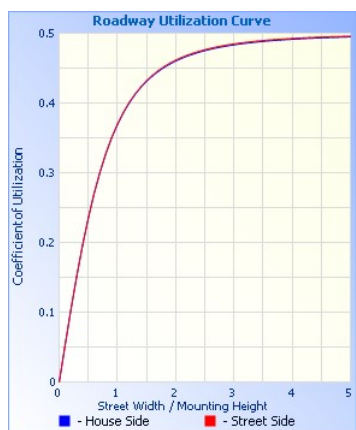
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	6.8	3.3%	90-100	0.0	0%
10-20	19.7	9.4%	100-110	0	0%
20-30	30.0	14.3%	110-120	0	0%
30-40	36.5	17.4%	120-130	0	0%
40-50	38.1	18.2%	130-140	0	0%
50-60	35.0	16.6%	140-150	0	0%
60-70	26.5	12.6%	150-160	0	0%
70-80	14.4	6.9%	160-170	0	0%
80-90	3.0	1.4%	170-180	0	0%



Illuminance at a Distance

Center Beam fc	Beam Width
17.0ft: 0.25 fc	53.7 ft 53.7 ft
34.0ft: 0.06 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
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	0.1	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	0.1	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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	

Maximum lm: 0.1
 Field lm: 207.0
 Total lm: 209.9

Candela Table - Type C

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

80	6	7	8	8	8	8	7	7	7
81	5	6	7	7	6	6	6	6	5
82	4	5	5	5	5	5	5	5	4
83	3	4	4	4	4	4	4	4	3
84	2	3	4	3	3	3	3	3	3
85	1	2	3	3	3	3	2	2	2
86	1	2	2	2	2	2	2	2	1
87	0	1	1	1	1	1	1	1	0
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
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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] 8T1xxxH30WH

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.