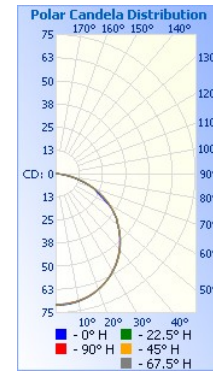


KICHLER®

KICHLER PHOTOMETRIC LAB

Filename: 8T1xxxH27WH
Manufacturer: Kichler Lighting LLC
Luminaire: Tape Light
Luminaire Cat: CTR180472-03
Lamp: 8T1xxxH27WH
Lamp Output: Total luminaire Lumens: 205
Max Candela: 70.6 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:	7.6
Lumens % Lamp	
Downward Street Side:	102.6 50.1%
Downward House Side:	102.4 50%
Downward Total:	205.0 100%
Upward Street Side:	0.0 0%
Upward House Side:	0.0 0%
Upward Total:	0.0 0%
Total Lumens:	205.0 100%

Flood Summary

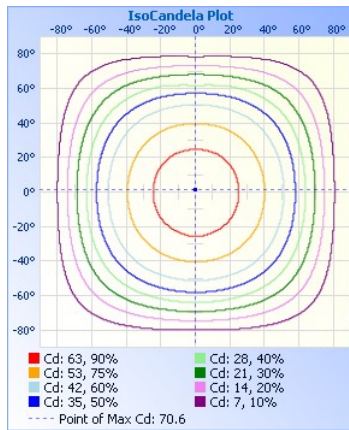
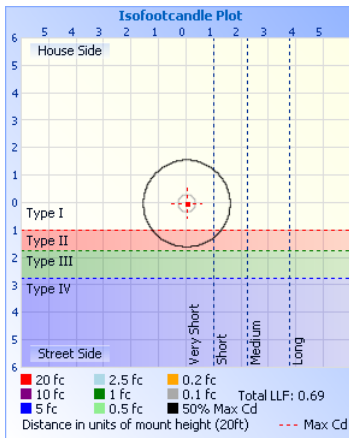
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	98.6%	202.1	160.7	158.3
Beam (50%):	75.4%	154.6	115.3	115.3
Total:	100%	204.9		

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	55.1	26.9%
0-40	90.7	44.3%
0-60	162.0	79.1%
60-90	42.9	20.9%
70-100	17.0	8.3%
90-120	0.0	0%
0-90	205.0	100%
90-180	0.0	0%
0-180	205.0	100%

Lumens Per Zone

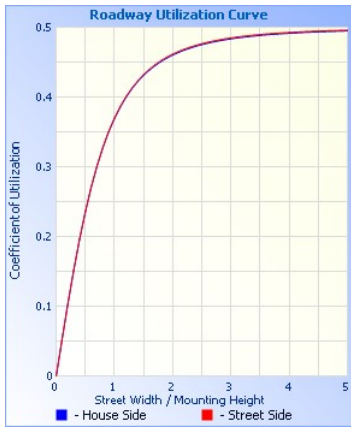
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	6.7	3.3%	90-100	0.0	0%
10-20	19.2	9.4%	100-110	0	0%
20-30	29.3	14.3%	110-120	0	0%
30-40	35.6	17.4%	120-130	0	0%
40-50	37.2	18.2%	130-140	0	0%
50-60	34.1	16.6%	140-150	0	0%
60-70	25.9	12.6%	150-160	0	0%
70-80	14.1	6.9%	160-170	0	0%
80-90	3.0	1.4%	170-180	0	0%



Illuminance at a Distance

Center Beam fc	Beam Width
17.0ft: 0.24 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	1.02	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	.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	0	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
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	0	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: 202.1
 Total lm: 204.9

Candela Table - Type C

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

80	5	7	8	7	7	7	7	7	6
81	4	5	6	6	6	6	6	6	5
82	4	4	5	5	5	5	5	5	4
83	3	4	4	4	4	4	4	4	3
84	2	3	3	3	3	3	3	3	2
85	1	2	3	3	3	2	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
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] 8T1xxxH27WH

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

Photometrics Pro 1.3.29 copyright 2003-2019 by jSolutions, Inc.
Reported data calculated from manufacturer's data file, based on IES recommended methods.