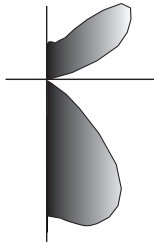


# TOOL T5 BAFFLE



Photometric Drawing for  
(1) T5B-1T528

TYPE \_\_\_\_\_ PROJECT \_\_\_\_\_



## CATALOG NUMBER

FIXTURE		LAMPING (SEE CROSS SECTION)	VOLTAGE	MOUNT	OPTIONS
<b>T5B</b>	Tool T5 (baffle)	<b>1T528</b> 1x28w T5	<b>120</b> 120 v	<b>PEN</b> Pendant mount	<b>FUS</b> Fusing
		<b>1T521</b> 1x21w T5	<b>277</b> 277 v		
		<b>1T514</b> 1x14w T5		<b>CLG</b> Ceiling mount	

### \* DETAILS – OPTIONS

**FUS** GLR fuse for each ballast

## SPECIFICATIONS

**Construction.** Fixture body constructed of extruded aluminum. Housing endcaps are formed aluminum and lampholder endcaps are milled aluminum.

**Shielding.** Natural aluminum baffle with direct/indirect distribution.

**Finish.** Natural anodized aluminum.

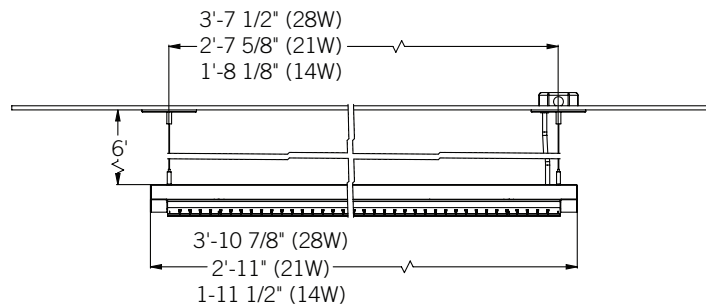
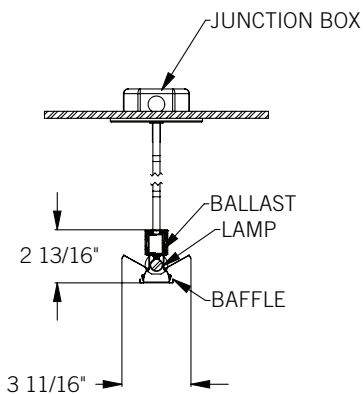
**Electrical.** Specify 120 or 277 volts. Fixture is UL/CUL Listed for damp locations. Supplied with integral electronic ballast.

**Lamping.** (1) 28 watt T5 or (1) 21 watt T5 or (1) 14 watt T5 fluorescent lamp. Lamp not included.

**Mounting.** Fixture surface mounts over standard octagonal junction box on the ceiling. Fixture can also be pendant mounted. See page 2 for additional mounting options and accessories.

## DIMENSIONS & DETAILS (cont'd on page 2)

### PENDANT MOUNT



Installation instructions may be found at [www.energielighting.com](http://www.energielighting.com).



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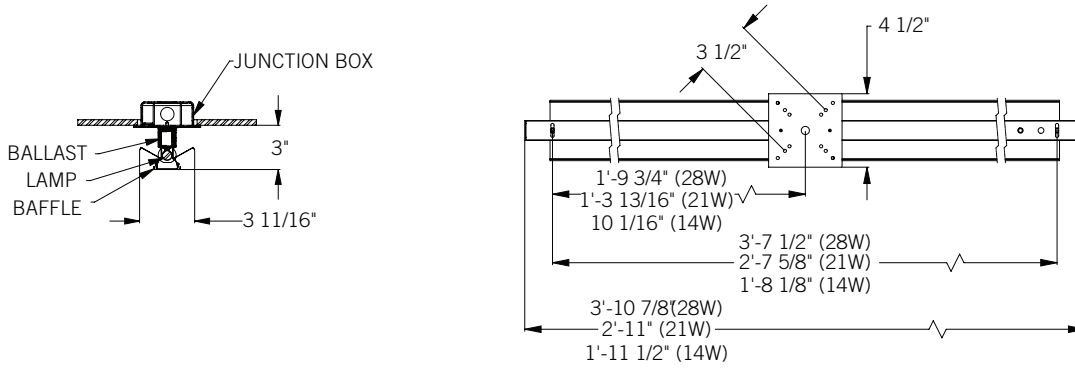


# TOOL T5 BAFFLE

TYPE \_\_\_\_\_  
PROJECT \_\_\_\_\_

## DIMENSIONS & DETAILS cont'd

### CEILING MOUNT



Installation instructions may be found at [www.energielighting.com](http://www.energielighting.com).



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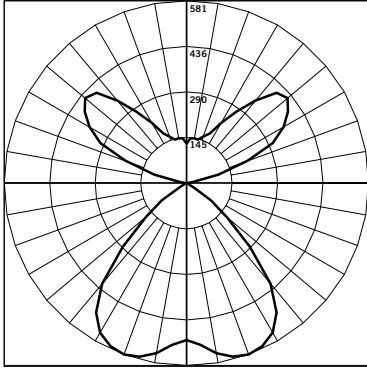


# TOOL T5 BAFFLE

TYPE \_\_\_\_\_  
PROJECT \_\_\_\_\_

## PHOTOMETRICS

T5B-1T528



### CANDELA DISTRIBUTION

	0	45	90
0	499.5	499.5	499.5
5	517.8	506.6	494.1
15	572.3	540.1	467.0
25	573.3	536.5	433.8
35	502.4	487.1	368.4
45	286.4	357.3	290.2
55	96.2	143.0	123.5
65	5.0	19.5	5.5
75	3.7	2.1	0.6
85	3.4	2.8	0.7
95	3.7	6.4	8.6
105	106.2	152.0	33.3
115	302.8	271.2	56.7
125	395.9	311.1	72.7
135	406.0	232.8	80.3
145	277.6	165.6	85.4
155	174.9	144.1	88.7
165	144.0	140.4	83.8
175	143.1	127.3	112.6

### LUMINAIRE

**Description:** Tool T5 1x28w with Baffle

**Catalog Number:** T5B-1T528-120-CLG

**Efficiency:** 82.1%

**Distribution:** 52.8% direct, 47.2% indirect

### LUMINANCE (Candela/sq meter)

ANGLE	0-DEG	45-DEG	90-DEG
45	3376	4273	3623
55	1362	2067	1896
65	92	370	114
75	102	61	20
85	199	182	67

### ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0 - 30	438.71	16.9	20.6
0 - 40	727.47	28	34.1
0 - 60	1102.4	42.4	51.7
0 - 90	1125.92	43.3	52.8
90-120	361.96	13.9	17
90 - 130	593.25	22.8	27.8
90 - 150	889.98	34.2	41.7
90 - 180	1007.6	38.8	47.2
0 - 180	2133.52	82.1	100

### ZONAL LUMEN SUMMARY

ZONE	LUMENS
0-10	48.8
10-20	149.96
20-30	239.96
30-40	288.76
40-50	252.13
50-60	122.8
60-70	18.16
70-80	2.52
80-90	2.84
90-100	21.21
100-110	123.1
110-120	217.66
120-130	231.29
130-140	182.78
140-150	113.95
150-160	67.61
160-170	37.71
170-180	12.29

### COEFFICIENTS OF UTILIZATION

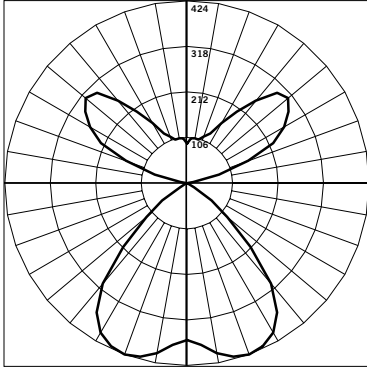
RC RW	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	88	88	88	88	82	82	82	82	70	70	70	58	58	58	48	48	48	43
1	82	79	76	74	76	73	71	69	63	61	60	53	52	51	44	44	43	39
2	76	70	66	62	70	66	62	59	57	54	51	48	46	45	41	39	38	35
3	70	63	57	53	65	59	54	50	51	47	45	44	41	39	37	35	34	31
4	64	56	50	46	60	53	48	44	46	42	39	40	37	34	34	32	30	27
5	59	51	45	40	55	47	42	38	42	37	34	36	33	30	31	29	27	24
6	55	46	40	35	51	43	37	33	38	33	30	33	30	27	28	26	24	22
7	51	41	35	31	47	39	34	30	34	30	27	30	27	24	26	23	21	19
8	47	38	32	28	44	36	30	26	31	27	24	28	24	22	24	21	19	18
9	44	35	29	25	41	33	27	24	29	25	22	25	22	20	22	19	18	16
10	41	32	26	22	38	30	25	21	27	22	20	23	20	18	20	18	16	14

# TOOL T5 BAFFLE

TYPE \_\_\_\_\_  
PROJECT \_\_\_\_\_

## PHOTOMETRICS

T5B-1T521



### CANDELA DISTRIBUTION

	0	45	90
0	365.0	365.0	365.0
5	378.4	370.2	361.1
15	418.2	394.7	341.3
25	418.9	392.1	317.0
35	367.2	356.0	269.2
45	209.3	261.1	212.1
55	70.3	104.5	90.3
65	3.7	14.2	4.0
75	2.7	1.5	0.4
85	2.5	2.1	0.5
95	2.7	4.7	6.3
105	77.6	111.1	24.3
115	221.3	198.2	41.5
125	289.3	227.4	53.1
135	296.7	170.1	58.7
145	202.9	121.0	62.4
155	127.8	105.3	64.9
165	105.2	102.6	61.3
175	104.6	93.0	82.3

### LUMINAIRE

**Description:** Tool T5 1x21w with Baffle  
**Catalog Number:** T5B-1T521-120-CLG  
**Efficiency:** 82.1%  
**Distribution:** 52.8% direct, 47.2% indirect

### LUMINANCE (Candela/sq meter)

ANGLE	0-DEG	45-DEG	90-DEG
45	3303	4176	3539
55	1333	2019	1852
65	91	360	111
75	100	58	18
85	196	182	63

### ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0 - 30	320.6	16.9	20.6
0 - 40	531.62	28	34.1
0 - 60	805.61	42.4	51.7
0 - 90	822.8	43.3	52.8
90-120	264.54	13.9	17
90 - 130	433.56	22.8	27.8
90 - 150	650.41	34.2	41.7
90 - 180	736.36	38.8	47.2
0 - 180	1559.15	82.1	100

### ZONAL LUMEN SUMMARY

ZONE	LUMENS
0-10	35.66
10-20	109.59
20-30	175.36
30-40	211.02
40-50	184.25
50-60	89.74
60-70	13.27
70-80	1.83
80-90	2.08
90-100	15.5
100-110	89.97
110-120	159.07
120-130	169.02
130-140	133.56
140-150	83.28
150-160	49.4
160-170	27.56
170-180	8.98

### COEFFICIENTS OF UTILIZATION

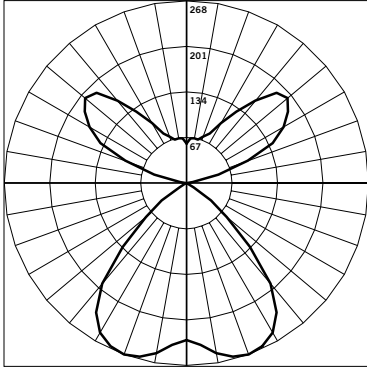
RC RW	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	88	88	88	88	82	82	82	82	70	70	70	58	58	58	48	48	48	43
1	82	79	76	74	76	73	71	69	63	61	60	53	52	51	44	44	43	39
2	76	70	66	62	70	66	62	59	57	54	51	48	46	45	41	39	38	35
3	70	63	57	53	65	59	54	50	51	47	45	44	41	39	37	35	34	31
4	64	56	50	46	60	53	48	44	46	42	39	40	37	34	34	32	30	27
5	59	51	45	40	55	47	42	38	42	37	34	36	33	30	31	29	27	24
6	55	46	40	35	51	43	37	33	38	33	30	33	30	27	28	26	24	22
7	51	41	35	31	47	39	34	30	34	30	27	30	27	24	26	23	21	19
8	47	38	32	28	44	36	30	26	31	27	24	28	24	22	24	21	19	18
9	44	35	29	25	41	33	27	24	29	25	22	25	22	20	22	19	18	16
10	41	32	26	22	38	30	25	21	27	22	20	23	20	18	20	18	16	14

# TOOL T5 BAFFLE

TYPE \_\_\_\_\_  
PROJECT \_\_\_\_\_

## PHOTOMETRICS

T5B-1T514



### CANDELA DISTRIBUTION

	0	45	90
0	230.5	230.5	230.5
5	239.0	233.8	228.0
15	264.1	249.3	215.5
25	264.6	247.6	200.2
35	231.9	224.8	170.0
45	132.2	164.9	133.9
55	44.4	66.0	57.0
65	2.3	9.0	2.6
75	1.7	1.0	0.3
85	1.6	1.3	0.3
95	1.7	3.0	4.0
105	49.0	70.1	15.4
115	139.8	125.2	26.2
125	182.7	143.6	33.6
135	187.4	107.5	37.1
145	128.1	76.4	39.4
155	80.7	66.5	41.0
165	66.4	64.8	38.7
175	66.0	58.7	52.0

### LUMINAIRE

**Description:** Tool T5 1x14w with Baffle  
**Catalog Number:** T5B-1T514-120-CLG  
**Efficiency:** 82.1%  
**Distribution:** 52.8% direct, 47.2% indirect

### LUMINANCE (Candela/sq meter)

ANGLE	0-DEG	45-DEG	90-DEG
45	3108	3920	3318
55	1254	1894	1734
65	85	339	107
75	94	57	20
85	187	165	55

### ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0 - 30	202.48	16.9	20.6
0 - 40	335.75	28	34.1
0 - 60	508.82	42.4	51.7
0 - 90	519.7	43.3	52.8
90-120	167.07	13.9	17
90 - 130	273.81	22.8	27.8
90 - 150	410.77	34.2	41.7
90 - 180	465.06	38.8	47.2
0 - 180	984.77	82.1	100

### ZONAL LUMEN SUMMARY

ZONE	LUMENS
0-10	22.52
10-20	69.21
20-30	110.75
30-40	133.27
40-50	116.37
50-60	56.69
60-70	8.39
70-80	1.18
80-90	1.31
90-100	9.79
100-110	56.81
110-120	100.46
120-130	106.75
130-140	84.37
140-150	52.6
150-160	31.21
160-170	17.41
170-180	5.67

### COEFFICIENTS OF UTILIZATION

RC RW	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	88	88	88	88	82	82	82	82	70	70	70	58	58	58	48	48	48	43
1	82	79	76	74	76	73	71	69	63	61	60	53	52	51	44	44	43	39
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7	51	41	35	31	47	39	34	30	34	30	27	30	27	24	26	23	21	19
8	47	38	32	28	44	36	30	26	31	27	24	28	24	22	24	21	19	18
9	44	35	29	25	41	33	27	24	29	25	22	25	22	20	22	19	18	16
10	41	32	26	22	38	30	25	21	27	22	20	23	20	18	20	18	16	14