# BATLIGHT SINGLE

# Specifications

#### CONSTRUCTION

Fixture is constructed of extruded aluminum. Endcaps are die-cast aluminum fastened with two screws on each end.

#### FINISH

Powdercoat metallic aluminum finish.

#### SHIELDING

Specular aluminum baffle.

#### ELECTRICAL

Specify 120 or 277 volt. Fixture and all electrical components are U.L./C.U.L. listed. Fixture is supplied with internal electronic ballast. Dimming may be specified for the 54 watt version only.

### Catalog Number

\_\_\_\_ FIXTURE

BAT – Batlight

DISTRIBUTION SDP – Single Direct Pendant

LENGTH 4 – 4' nominal length 8 – 8' nominal length

**LAMPING** 1T528 – (1) 28 Watt T5

11528 – (1) 28 Watt 15 1T554 – (1) 54 Watt T5 high output

— VOLTAGE 120 – 120 Volt 277 – 277 Volt

> OPTIONS DIM – Electronic dimming (54W only) EXAMPLE: BAT-SDP-8-1T528-120

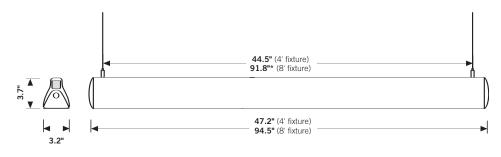
#### LAMPING

Choice of (1) 28 watt T5 fluorescent lamp or (1) 54 watt T5 high output fluorescent lamp. Lamp not included.

#### MOUNTING

Fixture is supplied with fully adjustable aircraft cable.

## Dimensions

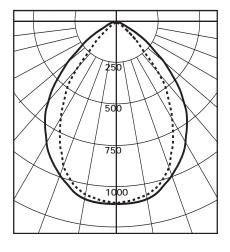


\* 8' fixture has an additional suspension point, located in the center of the fixture

# énergie

# BATLIGHT SINGLE

## Photometrics



CANDELA DISTRIBUTION						
	0	45	90			
0	1098	1098	1098			
5	1091	1093	1097			
15	1017	1043	1047			
25	817	894	922			
35	488	645	756			
45	165	350	534			
55	37	108	269			
65	11	23	82			
75	2	4	12			
85	1	1	4			
95	0	0	0			
105	0	0	0			
115	0	0	0			
125	0	0	0			
135	0	0	0			
145	0	0	0			
155	0	0	0			
165	0	0	0			
175	0	0	0			
180	0	0	0			

COFFFICIENTS OF UTILIZATION

#### LUMINAIRE

**Description:** Four foot Batlight with one 28 watt T5 lamp

Catalog Number: BAT-SDP-4-1T528-120

Efficiency: 56.7%

ZONAL	LUMEN	SUMMARY
-------	-------	---------

ZONE	LUMENS	% LAMP	% FIXT
0 - 30	797.1	27.5	48.4
0 - 40	1196.6	41.1	72.4
0 - 60	1596.7	55.1	97.0
60 - 90	48.8	1.7	3.0
0 - 90	1645.5	56.7	100
90 - 180	0.1	0.0	0
0 - 180	1645.5	56.7	100

LUMINANCE (Candela / sq meter)							
ANGLE	0-DEG	45-DEG	90-DEG				
45	2758	5835	8895				
55	753	2229	5524				
65	308	629	2275				
75	100	201	541				

78

537

114

85



PCC		8	0			7	0			50			10		0
PW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	10
RCR															
0	.68	.68	.68	.68	.66	.66	.66	.66	.63	.63	.63	.58	.58	.58	.57
1	.64	.62	.60	.59	.62	.61	.59	.58	.58	.57	.56	.54	.53	.53	.52
2	.60	.56	.54	.51	.58	.55	.53	.51	.53	.51	.49	.50	.49	.47	.46
3	.56	.51	.48	.45	.55	.50	.47	.45	.49	.46	.44	.46	.44	.43	.42
4	.52	.47	.43	.40	.51	.46	.43	.40	.45	.42	.39	.43	.40	.38	.37
5	.49	.43	.39	.36	.48	.42	.39	.36	.41	.38	.36	.39	.37	.35	.34
6	.46	.40	.35	.33	.45	.39	.35	.32	.38	.35	.32	.36	.34	.32	.31
7	.43	.37	.32	.30	.42	.36	.32	.29	.35	.32	.29	.34	.31	.29	.28
8	.40	.34	.30	.27	.39	.33	.30	.27	.33	.29	.27	.32	.29	.27	.26
9	.38	.31	.28	.25	.37	.31	.27	.25	.31	.27	.25	.28	.27	.24	.24

Installation instructions and ies files may be found at www.energielighting.com.



# BATLIGHT DOUBLE

# énergie



# Specifications

#### CONSTRUCTION

Fixture is constructed of extruded aluminum. Endcaps are die-cast aluminum fastened with two screws on each end.

#### FINISH

Powdercoat metallic aluminum finish.

#### SHIELDING

Specular aluminum baffles.

#### ELECTRICAL

Specify 120 or 277 volt. Fixture and all electrical components are U.L./C.U.L. listed. Fixture is supplied with internal electronic ballast. Dimming may be specified for the 54 watt version only.

### Catalog Number

\_\_\_\_ FIXTURE

BAT – Batlight

DISTRIBUTION DDP – Double Direct Pendant

**LENGTH** 4 – 4' nominal length

8 – 8' nominal length

LAMPING 2T528 – (2) 28 Watt T5 2T554 – (2) 54 Watt T5 high output

VOLTAGE
120 – 120 Volt
277 – 277 Volt

OPTIONS

DIM – Electronic dimming (54W only) **EXAMPLE:** BAT-DDP-8-2T528-120

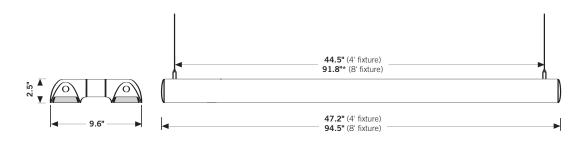
#### LAMPING

Choice of (2) 28 watt T5 fluorescent lamps or (2) 54 watt T5 high output fluorescent lamps. Lamps not included.

#### MOUNTING

Fixture is supplied with 48" fully adjustable aircraft cables.

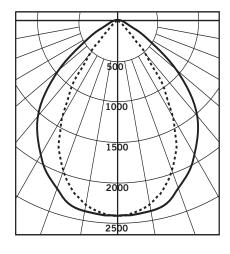
## Dimensions



\* 8' fixture has an additional suspension point, located in the center of the fixture

# BATLIGHT DOUBLE

## Photometrics



CANDELA DISTRIBUTION						
	0	45	90			
0	2454	2454	2454			
5	2430	2442	2452			
15	2229	2319	2379			
25	1761	1980	2122			
35	1026	1422	1772			
45	288	745	1296			
55	46	193	698			
65	26	37	238			
75	5	11	32			
85	2	1	11			
95	0	0	0			
105	0	0	0			
115	0	0	0			
125	0	0	0			
135	0	0	0			
145	0	0	0			
155	0	0	0			
165	0	0	0			
175	0	0	0			
180	0	0	0			

COEFFICIENTS OF UTILIZATION

#### LUMINAIRE

Description: Four foot Double Batlight with 2 28 watt T5 lamps

Catalog Number: BAT-DDP-4-2T528-120

Efficiency: 62.8%

#### ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0 - 30	1772.5	30.6	48.7
0 - 40	2647.3	45.6	72.7
0 - 60	3528.5	60.8	96.9
60 - 90	113.0	1.9	3.1
0 - 90	3641.5	62.8	100.0
90 - 180	0.0	0.0	0.0
0 - 180	3641.6	62.8	100

LUMINANCE	(Candela / sq meter)
-----------	----------------------

-			
ANGLE	0-DEG	45-DEG	90-DEG
45	2399	6206	10802
55	473	1983	7177
65	366	515	3316
75	106	255	738
85	122	75	765

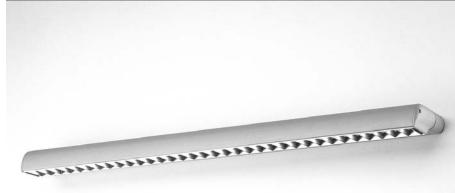


	8	0			7	0				50			10		0
70	50	30	10	70	50	30	10	!	50	30	10	50	30	10	10
.75	.75	.75	.75	.73	.73	.73	.73		70	.70	.70	.64	.64	.64	.63
.70	.68	.67	.65	.69	.67	.65	.64		64	.63	.62	.60	.59	.58	.57
.66	.62	.59	.57	.65	.61	.58	.56		59	.57	.55	.55	.54	.52	.51
.62	.57	.53	.50	.60	.56	.52	.50		54	.51	.49	.51	.49	.47	.46
.58	.52	.48	.44	.56	.51	.47	.44		50	.46	.44	.47	.45	.43	.41
.54	.48	.43	.40	.53	.47	.43	.40		46	.42	.39	.44	.41	.39	.38
.51	.44	.39	.36	.50	.43	.39	.36		42	.38	.36	.40	.37	.35	.34
.47	.40	.36	.33	.46	.40	.36	.33		39	.35	.33	.38	.34	.32	.31
.45	.38	.33	.30	.44	.37	.33	.30		36	.33	.30	.35	.32	.29	.28
.42	.35	.31	.28	.41	.35	.30	.28		34	.30	.27	.33	.30	.27	.26
	.75 .70 .66 .62 .58 .54 .51 .47 .45	70     50       .75     .75       .70     .68       .66     .62       .62     .57       .58     .52       .54     .48       .51     .44       .47     .40       .45     .38	.75     .75     .75       .70     .68     .67       .66     .62     .59       .62     .57     .53       .58     .52     .48       .54     .48     .43       .51     .44     .39       .47     .40     .36       .45     .38     .33	70     50     30     10       .75     .75     .75     .75       .70     .68     .67     .65       .66     .62     .59     .57       .62     .57     .53     .50       .58     .52     .48     .44       .54     .48     .43     .40       .51     .44     .39     .36       .47     .40     .36     .33       .45     .38     .33     .30	70     50     30     10     70       .75     .75     .75     .73       .70     .68     .67     .65     .69       .66     .62     .59     .57     .55       .62     .57     .53     .50     .60       .58     .52     .48     .44     .56       .54     .48     .43     .40     .53       .51     .44     .39     .36     .50       .47     .40     .36     .33     .46       .45     .38     .33     .30     .44	70     50     30     10     70     50       .75     .75     .75     .75     .73     .73       .70     .68     .67     .65     .69     .67       .66     .62     .59     .57     .65     .61       .62     .57     .53     .50     .60     .56       .58     .52     .48     .44     .56     .51       .54     .48     .33     .40     .53     .47       .51     .44     .36     .50     .43       .47     .40     .36     .33     .46     .40       .45     .38     .33     .30     .44     .37	70     50     30     10     70     50     30       .75     .75     .75     .73     .73     .73     .73       .70     .68     .67     .65     .69     .67     .65       .66     .62     .59     .57     .65     .61     .58       .62     .57     .53     .50     .60     .56     .52       .58     .52     .48     .44     .56     .51     .47       .54     .48     .34     .00     .53     .47     .43       .51     .44     .39     .36     .50     .43     .39       .47     .40     .36     .33     .46     .40     .36       .45     .38     .33     .30     .44     .37     .33	70     50     30     10     70     50     30     10       .75     .75     .75     .75     .73     .73     .73     .73       .70     .68     .67     .65     .69     .67     .65     .64       .66     .62     .59     .57     .65     .61     .58     .56       .62     .57     .53     .50     .60     .56     .52     .50       .58     .52     .48     .44     .56     .51     .47     .44       .54     .48     .43     .40     .53     .47     .43     .40       .51     .44     .39     .36     .50     .43     .39     .36       .47     .40     .36     .33     .46     .40     .36     .33       .45     .38     .33     .30     .44     .37     .33     .30	70     50     30     10     70     50     30     10     9       .75     .75     .75     .73 <t< th=""><th>70     50     30     10     70     50     30     10     50       .75     .75     .75     .75     .73     .73     .73     .73     .73     .70       .70     .68     .67     .65     .69     .67     .65     .64     .64       .66     .62     .59     .57     .65     .61     .58     .56     .59       .62     .57     .53     .50     .60     .56     .52     .50     .54       .58     .52     .48     .44     .56     .51     .47     .44     .50       .54     .48     .34     .40     .53     .47     .43     .40     .46       .51     .44     .39     .36     .50     .43     .39     .36     .42       .47     .40     .36     .33     .46     .40     .36     .33     .30     .36       .45     .38     .33     .30     .44     .37</th><th>70     50     30     10     70     50     30     10     50     30       .75     .75     .75     .75     .73     .73     .73     .73     .70     .70       .70     .68     .67     .65     .69     .67     .65     .64     .64     .63       .66     .62     .59     .57     .65     .61     .58     .56     .59     .57       .62     .57     .53     .50     .60     .56     .52     .54     .51       .58     .52     .48     .44     .56     .51     .47     .44     .50     .46       .54     .48     .34     .40     .53     .47     .43     .40     .44     .39     .36     .42     .38       .51     .44     .39     .36     .50     .43     .39     .36     .42     .38       .45     .38     .33     .30     .44     .37     .33     .30</th><th>70     50     30     10     70     50     30     10     50     30     10       .75     .75     .75     .75     .75     .73     .73     .73     .73     .70     .70     .70       .70     .68     .67     .65     .69     .67     .65     .64     .64     .63     .62       .66     .62     .59     .57     .65     .61     .58     .56     .59     .57     .55       .62     .57     .53     .50     .60     .56     .52     .50     .54     .51     .49       .58     .52     .48     .44     .56     .51     .47     .44     .50     .46     .44       .54     .48     .43     .40     .53     .47     .40     .46     .42     .39       .51     .44     .39     .36     .50     .43     .39     .36     .42     .38     .33       .45     .38</th><th>70     50     30     10     70     50     30     10     50     30     10     50     30     10     50     30     10     50     30     10     50     30     10     50     30     10     50     30     10     50     30     10     50     50     30     10     50     30     10     50     50     30     10     50     50     50     50     30     10     50     30     10     50     64     64     63     62     60     66     62     59     57     55     55     55     62     57     53     50     60     56     52     50     54     51     49     51       .58     .52     .48     .44     .56     .51     .47     .44     .50     .46     .49     .51       .54     .48     .43     .40     .53     .47     .43     .40     .46     .42&lt;</th><th>70     50     30     10     70     50     30     10     50     30     10     50     30     10     50     30&lt;</th><th>70     50     30     10     70     50     30     10     50     30     10     50     30     10     50     30     10     50     30     10     50     30     10     50     30     10     50     30     10     50     30     10     50     30     10     50     30     10       .75     .75     .75     .75     .73     .73     .73     .73     .70     .70     .70     .64     .64     .64       .70     .68     .67     .65     .61     .58     .66     .52     .50     .57     .55     .55     .54     .52       .62     .57     .53     .50     .60     .56     .52     .50     .54     .51     .49     .47       .58     .52     .48     .44     .56     .51     .47     .44     .44     .47     .45     .43       .54     .48     .43     .40</th></t<>	70     50     30     10     70     50     30     10     50       .75     .75     .75     .75     .73     .73     .73     .73     .73     .70       .70     .68     .67     .65     .69     .67     .65     .64     .64       .66     .62     .59     .57     .65     .61     .58     .56     .59       .62     .57     .53     .50     .60     .56     .52     .50     .54       .58     .52     .48     .44     .56     .51     .47     .44     .50       .54     .48     .34     .40     .53     .47     .43     .40     .46       .51     .44     .39     .36     .50     .43     .39     .36     .42       .47     .40     .36     .33     .46     .40     .36     .33     .30     .36       .45     .38     .33     .30     .44     .37	70     50     30     10     70     50     30     10     50     30       .75     .75     .75     .75     .73     .73     .73     .73     .70     .70       .70     .68     .67     .65     .69     .67     .65     .64     .64     .63       .66     .62     .59     .57     .65     .61     .58     .56     .59     .57       .62     .57     .53     .50     .60     .56     .52     .54     .51       .58     .52     .48     .44     .56     .51     .47     .44     .50     .46       .54     .48     .34     .40     .53     .47     .43     .40     .44     .39     .36     .42     .38       .51     .44     .39     .36     .50     .43     .39     .36     .42     .38       .45     .38     .33     .30     .44     .37     .33     .30	70     50     30     10     70     50     30     10     50     30     10       .75     .75     .75     .75     .75     .73     .73     .73     .73     .70     .70     .70       .70     .68     .67     .65     .69     .67     .65     .64     .64     .63     .62       .66     .62     .59     .57     .65     .61     .58     .56     .59     .57     .55       .62     .57     .53     .50     .60     .56     .52     .50     .54     .51     .49       .58     .52     .48     .44     .56     .51     .47     .44     .50     .46     .44       .54     .48     .43     .40     .53     .47     .40     .46     .42     .39       .51     .44     .39     .36     .50     .43     .39     .36     .42     .38     .33       .45     .38	70     50     30     10     70     50     30     10     50     30     10     50     30     10     50     30     10     50     30     10     50     30     10     50     30     10     50     30     10     50     30     10     50     50     30     10     50     30     10     50     50     30     10     50     50     50     50     30     10     50     30     10     50     64     64     63     62     60     66     62     59     57     55     55     55     62     57     53     50     60     56     52     50     54     51     49     51       .58     .52     .48     .44     .56     .51     .47     .44     .50     .46     .49     .51       .54     .48     .43     .40     .53     .47     .43     .40     .46     .42<	70     50     30     10     70     50     30     10     50     30     10     50     30     10     50     30<	70     50     30     10     70     50     30     10     50     30     10     50     30     10     50     30     10     50     30     10     50     30     10     50     30     10     50     30     10     50     30     10     50     30     10     50     30     10       .75     .75     .75     .75     .73     .73     .73     .73     .70     .70     .70     .64     .64     .64       .70     .68     .67     .65     .61     .58     .66     .52     .50     .57     .55     .55     .54     .52       .62     .57     .53     .50     .60     .56     .52     .50     .54     .51     .49     .47       .58     .52     .48     .44     .56     .51     .47     .44     .44     .47     .45     .43       .54     .48     .43     .40

Installation instructions and ies files may be found at www.energielighting.com.



# BATLIGHT WALL



# énergie

### Catalog Number

\_\_\_\_ FIXTURE

BAT – Batlight

DISTRIBUTION

DWM – Direct Wall-Mount

#### LENGTH

4 – 4' nominal length 8 – 8' nominal length

LAMPING

1T528 – (1) 28 Watt T5 1T554 – (1) 54 Watt T5 high output

\_\_\_ VOLTAGE 120 – 120 Volt

277 – 277 Volt

- OPTIONS

DIM – Electronic dimming (54W only) EXAMPLE: BAT-DWM-8-28-120

## Specifications

#### CONSTRUCTION

Fixture is constructed of extruded aluminum. Endcaps are die-cast aluminum fastened with one screw on each end.

#### FINISH

Powdercoat metallic aluminum finish.

#### SHIELDING

Specular aluminum baffle.

#### ELECTRICAL

Specify 120 or 277 volt. Fixture and all electrical components are U.L./C.U.L. listed. Fixture is supplied with internal electronic ballast. Dimming may be specified for the 54 watt version only.

#### LAMPING

Choice of (1) 28 watt T5 fluorescent lamp or (1) 54 watt T5 high output fluorescent lamp. Lamp not included.

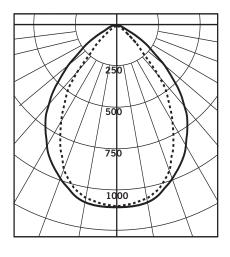
#### MOUNTING

Fixture is supplied with Energie junction box. See reverse for detail.

## Dimensions



# Photometrics



CANDELA DISTRIBUTION							
	0	45	90				
0	1098	1098	1098				
5	1091	1093	1097				
15	1017	1043	1047				
25	817	894	922				
35	488	645	756				
45	165	350	534				
55	37	108	269				
65	11	23	82				
75	2	4	12				
85	1	1	4				
95	0	0	0				
105	0	0	0				
115	0	0	0				
125	0	0	0				
135	0	0	0				
145	0	0	0				
155	0	0	0				
165	0	0	0				
175	0	0	0				
180	0	0	0				

LUMINAIRE

**Description:** Four foot Batlight Wall with one 28 watt T5 lamp

Catalog Number: BAT-DWM-4-1T528-120

Efficiency: 56.7%

ZONAL	LUMEN	SUMMARY
-------	-------	---------

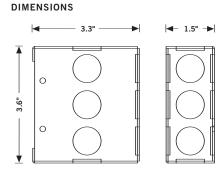
ZONE	LUMENS	% LAMP	% FIXT
0 - 30	797.1	27.5	48.4
0 - 40	1196.6	41.1	72.4
0 - 60	1596.7	55.1	97.0
60 - 90	48.8	1.7	3.0
0 - 90	1645.5	56.7	100
90 - 180	0.1	0.0	0
0 - 180	1645.5	56.7	100

			DEC	
LUMIN	ANCE	(Candela	/ sq r	neter)

ANGLE	0-DEG	45-DEG	90-DEG
45	2758	5835	8895
55	753	2229	5524
65	308	629	2275
75	100	201	541
85	114	78	537

PCC	80			70				50			10				
PW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	10
RCR															
D	.68	.68	.68	.68	.66	.66	.66	.66	.63	.63	.63	.58	.58	.58	.57
1	.64	.62	.60	.59	.62	.61	.59	.58	.58	.57	.56	.54	.53	.53	.52
2	.60	.56	.54	.51	.58	.55	.53	.51	.53	.51	.49	.50	.49	.47	.46
3	.56	.51	.48	.45	.55	.50	.47	.45	.49	.46	.44	.46	.44	.43	.42
1	.52	.47	.43	.40	.51	.46	.43	.40	.45	.42	.39	.43	.40	.38	.37
5	.49	.43	.39	.36	.48	.42	.39	.36	.41	.38	.36	.39	.37	.35	.34
6	.46	.40	.35	.33	.45	.39	.35	.32	.38	.35	.32	.36	.34	.32	.3
7	.43	.37	.32	.30	.42	.36	.32	.29	.35	.32	.29	.34	.31	.29	.28
3	.40	.34	.30	.27	.39	.33	.30	.27	.33	.29	.27	.32	.29	.27	.26
9	.38	.31	.28	.25	.37	.31	.27	.25	.31	.27	.25	.28	.27	.24	.24

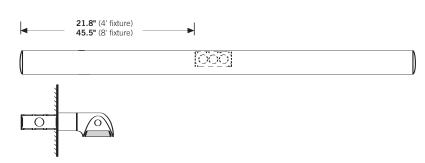
# Mounting



Energie junction box supplied to allow the fixture to be mounted flush against the wall with no exposed mounting plate.

Energie junction box may be shipped prior to the full lighting fixture shipment. Consult factory for specific Energie junction box dimensions and details.

#### FRONT AND SIDE VIEW



Installation instructions and ies files may be found at www.energielighting.com.

