

# LOW-PROFILE REMOTE BALLAST STRIP – 6" STAGGER

# 72SS6

**SUBMITTAL:**

T5 | T8

**JOB:**

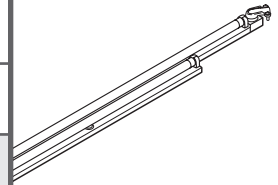
**TYPE:**

**VOLTAGE:**

EXAMPLE

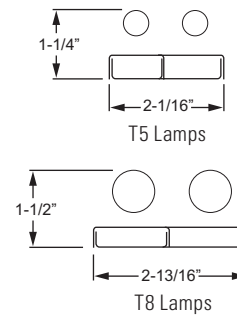
**72SS6 - 2 - 2 17 - OPTIONS - EB2\*UT - UNV**

SERIES      NOMINAL LENGTH      TOTAL WATTAGE/LAMPS      TYPE      ACCESSORIES      BALLAST TYPE      VOLTAGE



## FEATURES

- ▶ Extremely shallow profile and remote ballast allow for use in confined spaces—ideal for cove lighting.
- ▶ Up to 95% efficient.
- ▶ Staggered design with 6" offset to ensure uniform illumination over the length of the fixture.
- ▶ Remote-mount ballast box is connected to the fixture with 3/8" flex conduit.
- ▶ Factory-mounted, prewired sockets reduce installation time.
- ▶ Quick-connect is standard between fixture and ballast box for easy plug-and-play installation.
- ▶ Special reflectors available for precise light distribution (see 72REFL specification sheet).
- ▶ This fixture is proudly made in the USA.



## SPECIFICATIONS

**Housing** – 20-gauge die-formed C.R.S.  
**Ballast Box** – 18-gauge galvanized steel.  
**Housing Finish** – 92% minimum average reflective white polyester powder coat bonded to phosphate-free, multi-stage pretreated metal. All C.R.S. parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.  
**Electrical** – All ballast types may not be available. Consult factory for options other than those listed. Note: EM ballasts not available on 72SS6 Series. T5 Program Start: Electronic program start ballast, rated Class P. Includes 9' flexible whip. T8 Instant Start: Electronic instant start ballast, rated Class P. Includes 12' flexible whip. T8 Program Start: Electronic program start ballast, rated Class P. Includes 2-1/2' flexible whip.  
**Mounting** – Surface mount.  
**Labels** – UL/CUL listed as fluorescent luminaire suitable for dry or damp locations.

## ORDERING INFORMATION

### SERIES

**72SS6** Low-Profile Remote Ballast Strip–6" Stagger

### NOMINAL LAMP LENGTH

8' maximum nominal fixture length.

2	2'
3	3'
4	4'

### TOTAL LAMPS

2

### LAMP WATTAGE/TYPE

Not for use with energy saving/reduced wattage lamps.

<b>14T5S</b>	2', 14-watt T5
<b>17</b>	2', 17-watt T8
<b>24T5H</b>	2', 24-watt T5HO
<b>21T5S</b>	3', 21-watt T5
<b>25</b>	3', 25-watt T8
<b>39T5H</b>	3', 39-watt T5HO
<b>28T5S</b>	4', 28-watt T5
<b>32</b>	4', 32-watt T8
<b>54T5H</b>	4', 54-watt T5HO

### ACCESSORIES

For compatible reflectors (ordered separately), see 72REFL specification sheet.

### BALLAST TYPE

See detailed ballast types and compatible dimming ballast tables on following pages.

**Note: EM ballasts not available on 72SS6 Series.**

### VOLTAGE

**UNV** 120-277V



T5 | T8

### BALLAST TYPE & WHIP LENGTH (Effective July 29, 2010, subject to change without notice.)

The information provided in the tables below (effective July 29, 2010) is intended to be a general guide to ballast options and whip lengths. The degree of accuracy is reliant solely on information provided by ballast manufacturers and is subject to change without notice.

T5S					
Catalog Number	Ballast Type	Ballast Options			Whip Length (in feet)
		Advance (Example: EB2*AD)	Osram (Example: EB2*OS)	ULT (Universal) (Example: EB2*UT)	
72SS6-2-214T5S	EB2*__		•	•	9'
72SS6-3-221T5S	EB2*__		•	•	9'
72SS6-4-228T5S	EB2*__		•	•	9'

T5HO					
Catalog Number	Ballast Type	Ballast Options			Whip Length (in feet)
		Advance (Example: EB2*AD)	Osram (Example: EB2*OS)	ULT (Universal) (Example: EB2*UT)	
72SS6-2-224T5H	EB2*__		•	•	9'
72SS6-3-239T5H	EB2*__		•	•	9'
72SS6-4-254T5H	EB2*__		•	•	9'

T8 Instant Start					
Catalog Number	Ballast Type	Ballast Options			Whip Length (in feet)
		Advance (Example: EB2*AD)	Osram (Example: EB2*OS)	ULT (Universal) (Example: EB2*UT)	
72SS6-2-217	EB2*__	•	•	•	12'
72SS6-3-225	EB2*__	•	•	•	12'
72SS6-4-232	EB2*__	•	•	•	12'

T8 Program Start					
Catalog Number	Ballast Type	Ballast Options			Whip Length (in feet)
		Advance (Example: EB2*AD)	Osram (Example: EB2*OS)	ULT (Universal) (Example: EB2*UT)	
72SS6-2-217	EB2*__	•	•	•	2-1/2'
72SS6-3-225	EB2*__	•	•	•	2-1/2'
72SS6-4-232	EB2*__	•	•	•	2-1/2'

For compatible dimming ballasts, see next page.

**COMPATIBLE DIMMING BALLASTS & WHIP LENGTHS** (Effective July 29, 2010, subject to change without notice.)

The information provided in the tables below (effective July 29, 2010) is intended to be a comprehensive guide for compatible dimming ballast options and whip lengths. The degree of accuracy is reliant solely on information provided by ballast manufacturers and is subject to change without notice.

		<b>T5S</b>															
Catalog Number	Ballast Type <sup>1</sup>	Advance IOPSD		Osram PHO DIM		ULT HWSD		ULT 95SD		ULT SUPERDIM		Lutron ECO		Lutron Ecosystem		Lutron Hi-Lume 3D	
		Available	Whip Length	Available	Whip Length	Available	Whip Length	Available	Whip Length	Available	Whip Length	Available	Whip Length	Available	Whip Length	Available	Whip Length
72SS6-2-214T5S	EBD2* ___					•	4-1/2'	•	4-1/2'	•	2-1/2'	•	3-1/2'	•	3-1/2'	•	3-1/2'
72SS6-3-221T5S	EBD2* ___					•	3-1/2'	•	3-1/2'	•	3-1/2'	•	2-1/2'	•	2-1/2'	•	2-1/2'
72SS6-4-228T5S	EBD2* ___	•	1-1/2'			•	2-1/2'	•	2-1/2'	•	2-1/2'	•	1-1/2'	•	1-1/2'	•	1-1/2'

		<b>T5H0</b>															
Catalog Number	Ballast Type <sup>1</sup>	Advance IOPSD		Osram PHO DIM		ULT HWSD		ULT 95SD		ULT SUPERDIM		Lutron ECO		Lutron Ecosystem		Lutron Hi-Lume 3D	
		Available	Whip Length	Available	Whip Length	Available	Whip Length	Available	Whip Length	Available	Whip Length	Available	Whip Length	Available	Whip Length	Available	Whip Length
72SS6-2-224T5H	EBD2* ___											•	3-1/2'	•	3-1/2'	•	3-1/2'
72SS6-3-239T5H	EBD2* ___											•	2-1/2'	•	2-1/2'	•	2-1/2'
72SS6-4-254T5H	EBD2* ___			•	1-1/2'							•	1-1/2'	•	1-1/2'	•	1-1/2'

		<b>T8</b>																	
Catalog Number	Ballast Type <sup>1</sup>	Advance Mark 7		Advance Mark 10		Advance ILV		Osram Powersense		ULT BallaStar		ULT SUPERDIM		Lutron ECO		Lutron Ecosystem		Lutron Hi-Lume 3D	
		Available	Whip Length	Available	Whip Length	Available	Whip Length	Available	Whip Length	Available	Whip Length	Available	Whip Length	Available	Whip Length	Available	Whip Length	Available	Whip Length
72SS6-2-217	EBD2* ___	•	2-1/2'	•	2-1/2'	•	2-1/2'	•	4-1/2'			•	4-1/2'	•	3-1/2'	•	3-1/2'	•	3-1/2'
72SS6-3-225	EBD2* ___	•	1-1/2'	•	1-1/2'	•	1-1/2'	•	3-1/2'			•	3-1/2'	•	2-1/2'	•	2-1/2'	•	2-1/2'
72SS6-4-232	EBD2* ___							•	2-1/2'	•	6-1/2'	•	2-1/2'	•	1-1/2'	•	1-1/2'	•	1-1/2'

<sup>1</sup> Insert manufacturer's code provided below.

**BALLAST MANUFACTURER'S CODE**

<b>AD</b>	Advance	<b>LU</b>	Lutron
<b>OS</b>	Osram	<b>UT</b>	ULT (Universal)

**Example: 72SS6-2-217-EBD2\*UT-UNV**

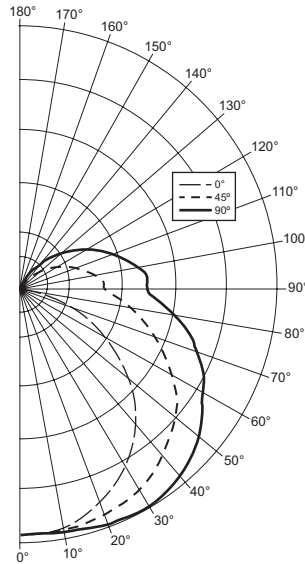
For photometry, see next page.

### PHOTOMETRY INFORMATION

Catalog #: 72SS6-2-217-EB2

#### TEST REPORT INFORMATION

- ▶ Test Report #: 15590.0
- ▶ Date: 06/29/10
- ▶ Lamp Type: F17T8
- ▶ Lamp Quantity: 2
- ▶ Rated Lumens: 1400.



#### CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0°	506.	506.	506.	
5°	507.	506.	505.	48.3
15°	487.	501.	511.	141.7
25°	449.	490.	519.	225.3
35°	400.	470.	517.	291.2
45°	330.	435.	497.	329.4
55°	248.	393.	458.	334.0
65°	163.	329.	418.	310.6
75°	79.	266.	362.	261.7
85°	15.	199.	285.	194.2
90°	2.	172.	259.	
95°	0.	171.	262.	166.7
105°	0.	140.	227.	134.5
115°	0.	109.	185.	100.1
125°	0.	80.	140.	66.8
135°	0.	47.	96.	36.6
145°	0.	22.	54.	14.9
155°	0.	6.	23.	4.2
165°	0.	0.	0.	0.0
175°	0.	0.	0.	0.0
180°	0.	0.	0.	

#### ZONAL CAVITY COEFFICIENTS

	.80			.70			.50			
	Ceiling	Wall	Floor	Ceiling	Wall	Floor	Ceiling	Wall	Floor	
Room Cavity Ratio	0	1.09	1.09	1.09	1.04	1.04	1.04	.95	.95	.95
	1	.97	.91	.87	.92	.87	.83	.80	.76	.73
	2	.87	.78	.71	.83	.75	.68	.68	.63	.58
	3	.79	.68	.60	.75	.65	.58	.60	.53	.48
	4	.72	.60	.51	.68	.57	.49	.53	.46	.40
	5	.65	.52	.43	.62	.50	.42	.46	.39	.34
	6	.60	.47	.38	.57	.45	.36	.41	.34	.29
	7	.55	.42	.33	.52	.40	.32	.37	.30	.25
	8	.51	.37	.29	.48	.36	.28	.33	.26	.21
	9	.47	.33	.25	.44	.32	.25	.30	.23	.18
	10	.43	.30	.23	.41	.29	.22	.27	.21	.16

Effective Floor Cavity Reflectance = .20

#### LUMEN SUMMARY

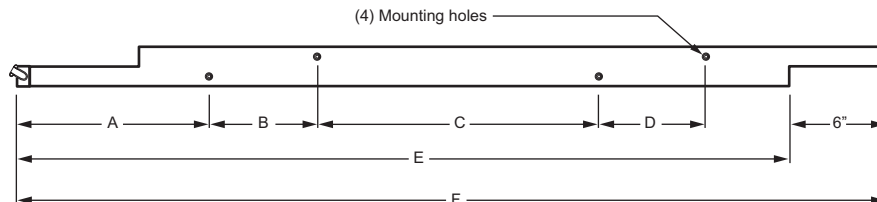
Zone	Lumens	% Lamp	% Fixture
0 - 30	415.	14.8	15.6
0 - 40	707.	25.2	26.6
0 - 60	1370.	48.9	51.5
0 - 90	2136.	76.3	80.3
90 - 120	401.	14.3	15.1
90 - 130	468.	16.7	17.6
90 - 150	520.	18.6	19.5
90 - 180	524.	18.7	19.7
<b>Total Luminaire:</b>			
0 - 180	2660.	95.0	100.0

Total Luminaire Optical Efficiency: **95.0%**  
 IES Spacing Criteria: End = 1.3  
 Diagonal = 1.4  
 Across = 1.6

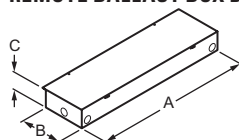
### FIXTURE DETAILS

#### DIMENSIONS

Nominal Fixture Length	T5 Fixtures						T8 Fixtures					
	A	B	C	D	E	F	A	B	C	D	E	F
2'	5-7/8"	6-5/8"	5-3/8"	6-5/8"	23-13/16"	29-13/16"	6-5/8"	6-5/8"	5-3/8"	6-5/8"	25-1/4"	31-1/4"
3'	8-3/4"	6-5/8"	11-3/8"	6-5/8"	35-5/8"	41-5/8"	9-5/8"	6-5/8"	11-3/8"	6-5/8"	37-1/4"	43-1/4"
4'	11-5/8"	6-5/8"	17-3/8"	6-5/8"	47-1/4"	53-1/4"	12-5/8"	6-5/8"	17-3/8"	6-5/8"	49-1/4"	55-1/4"



#### REMOTE BALLAST BOX DETAILS



No. of Ballasts	Dimensions		
	A	B	C
1 ballast	19"	3-1/4"	1-5/8"

