

LEADER BS500 FLUORESCENT (T5)



4ft - T5



Surface / Suspended
Luminaire

Application: The **LEADER BS500 T5** linear fluorescent is a low profile, direct solution for interior lighting design. Durable, one-piece steel construction and white (RAL9003) powder coat finish ensures quality and durability. The **BS500 T5** is available in four (4) foot, stand alone configurations. Color matched polycarbonate round or square end caps. The **LEADER BS500 T5** is ideal for offices, retail, libraries and schools.

Type: _____

Project: _____

CONFIGURE:

a	MODEL	b	OPERATION	c	LAMPS	d	INPUT	e	END CAPS	f	LOUVER	g	OPTIONS
	BS500T5 LEADER BS500 T5 SERIES	HT AC only SA AC & EM		228W 2x28W T5		120V 277V 120/277V 347V		RE round end cap SE square end cap		MF mirror finish SF satin finish		SPCB spiral cord black FP inline fuse protection SPCW spiral cord white PK rigid pendant kit: 18", 24", 36" & 48" AC aviation cable: 50", 72", 100", 150" & 250" ID20 20% indirect	
		NOTE (1): (SA) version 1200 lumen NOTE (2): consult factory for 347V (SA) version		NOTE: lamps not included								NOTE: (AC & PK) length to be speci- fied, i.e. PK24 or AC100	
	MODEL a	OPERATION b		LAMPS c		INPUT d		END CAPS e		LOUVER f		OPTIONS g	
	BS500T5												

HOUSING: One piece formed steel construction. Color matched integrated polycarbonate end caps (**RE**) round or (**SE**) square. White (RAL9003) powder coat finish.

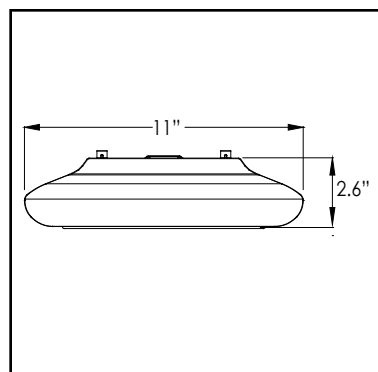
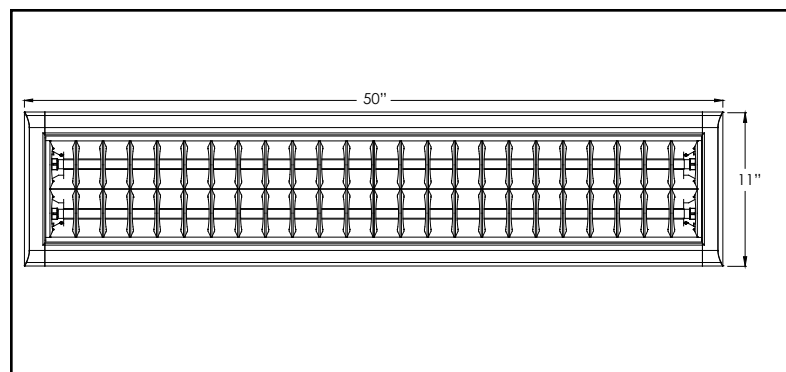
LOUVER: Aluminum multi cell louver available in (**MF**) mirror finish or (**SF**) satin finish. Louver held in place by four (4) perimeter pressure clips.

LAMP/SOCKET: Four (4) T5 ratchet type sockets with T5 Beghelli adaptor extenders.

MOUNTING: Surface mount configuration as standard. Optional (**AC**) adjustable aviation cable - 50" supplied with 18/4 SJT straight white power cord 60" long and (**PK**) pendant mounting are available. Required mounting height to be specified.

POWER LINE/FEED: 3-wire, solid type 18awg, pre-stripped 12" leads for quick in-field connection.

EMERGENCY (SA): Integral emergency ballast to operate one (1) lamp for a minimum duration of 90 minutes. Housing mounted monitor indicator and test switch. (**SA**) for AC & emergency operation. The (**SA**) version is only available with either 120V or 277V inputs, (consult factory for 347V).



LEADER BS500

FLUORESCENT (T5HO)



4ft - T5HO



Surface / Suspended
Luminaire

Application: The **LEADER BS500T5HO** Linear Fluorescent is a low profile, direct solution for interior lighting design. Durable, one-piece steel construction and white (RAL9003) powder coat finish ensures quality and durability. The **BS500T5HO** is available in four (4) foot, stand alone configurations. Color matched polycarbonate round or square end caps. The **LEADER BS500T5HO** is ideal for offices, retail, libraries and schools.

Type: _____

Project: _____

CONFIGURE:

a	b	c	d	e	f	g
MODEL	OPERATION	LAMPS	INPUT	END CAPS	LOUVER	OPTIONS
BS500T5HO LEADER BS500 T5HO SERIES	HT AC only SA AC & EM <small>NOTE (1): (SA) version 1200 lumen NOTE (2): consult factory for 347V (SA) version</small>	254W 2x54W T5HO <small>NOTE: lamps not included</small>	120V 277V 120/277V 347V	RE round end cap SE square end cap	MF mirror finish SF satin finish	SPCB spiral cord black FP inline fuse protection SPCW spiral cord white PK rigid pendant kit: 18", 24", 36" & 48" AC aviation cable: 50", 72", 100", 150" & 250" ID20 20% indirect <small>NOTE: (AC & PK) length to be specified, i.e. PK24 or AC100</small>
MODEL a	OPERATION b	LAMPS c	INPUT d	END CAPS e	LOUVER f	OPTIONS g
BS500T5HO						

HOUSING: One piece formed steel construction. Color matched integrated polycarbonate end caps (**RE**) round or (**SE**) square. White (RAL9003) powder coat finish.

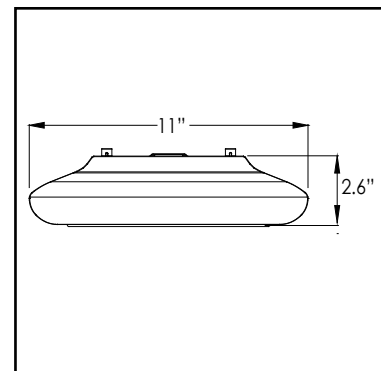
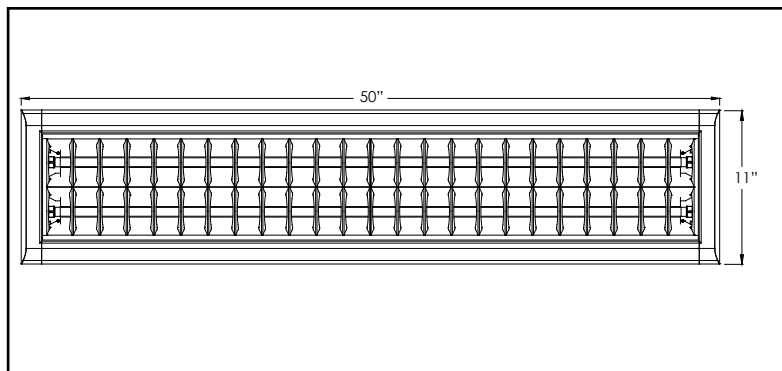
LOUVER: Aluminum multi cell louver available in (**MF**) mirror finish or (**SF**) satin finish. Louver held in place by four (4) perimeter pressure clips.

LAMP/SOCKET: Four (4) T5HO ratchet type sockets with T5HO Beghelli adaptor extenders.

MOUNTING: Surface mount configuration as standard. Optional (**AC**) adjustable aviation cable - 50" supplied with $18/4$ SJT straight white power cord 60" long and (**PK**) pendant mounting are available. Required mounting height to be specified.

POWER LINE/FEED: 3-wire, solid type 18awg, pre-stripped 12" leads for quick in-field connection.

Emergency (SA): Integral emergency ballast to operate one (1) lamp for a minimum duration of 90 minutes. Housing mounted monitor indicator and test switch. (**SA**) for AC & emergency operation. The (**SA**) version is only available with either 120V or 277V inputs, (consult factory for 347V).



LEADER





LEADER + PHOTOMETRICS

PHOTOMETRIC DATA:

Configuration:	BS500T5HO-HT-254W-120/277V-RE-MF
Initial Lamp Lumens:	4450
Luminaire Efficiency:	72.3%

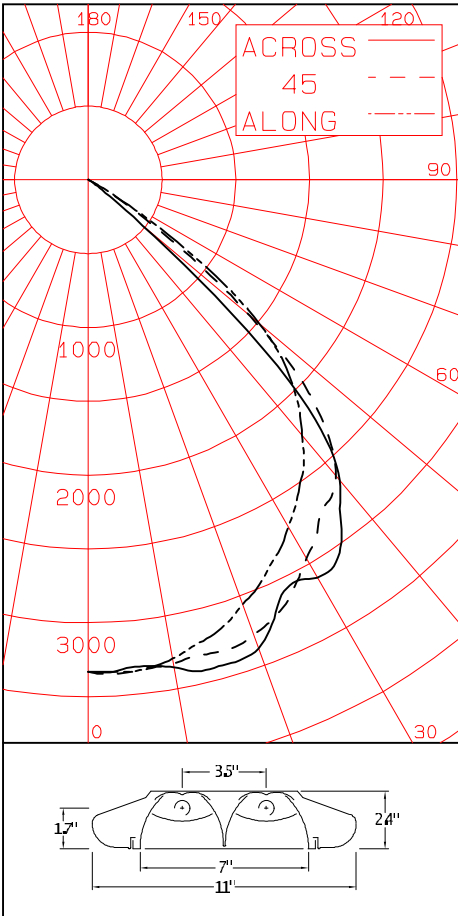
CANDLE POWER SUMMARY

ANGLE	ALONG	22.5	45	67.5	ACROSS	OUTPUT LUMENS
0	3332	3332	3332	3332	3332	
5	3343	3339	3345	3327	3314	323
10	3294	3287	3328	3347	3352	323
15	3202	3204	3316	3422	3411	933
20	3060	3077	3281	3379	3379	933
25	2899	2968	3169	3165	3103	1417
30	2715	2807	2961	3020	3109	1417
35	2507	2620	2746	2992	2995	1724
40	2255	2376	2611	2632	2652	1724
45	1956	2106	2197	2068	1937	1527
50	1518	1610	1431	826	482	1527
55	734	857	541	165	59	491
60	151	277	93	13	0	491
65	0	5	0	2	0	22
70	0	0	0	0	0	22
75	0	0	0	0	0	0
80	0	0	0	0	0	0
85	0	0	0	0	0	0
90	0	0	0	0	0	0

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	2672	30.02	41.52
0-40	4396	49.39	68.31
0-60	6413	72.06	99.65
0-90	6435	72.31	100.00
40-90	2039	22.92	31.69
60-90	22	.25	.35
90-180	0	.00	.00
0-180	6435	72.31	100.00

LUMINANCE SUMMARY

Angle°	ALONG	45	ACROSS
45°	13918	15697	13837
55°	6439	4764	518
65°	0	0	0
75°	0	0	0
85°	0	0	0



Please visit www.beghelliLUCe.com to download additional photometry pdfs and IES files.