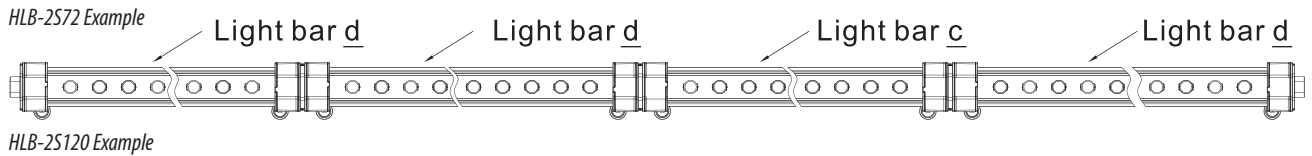
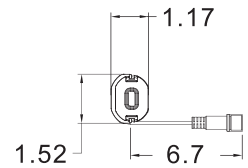
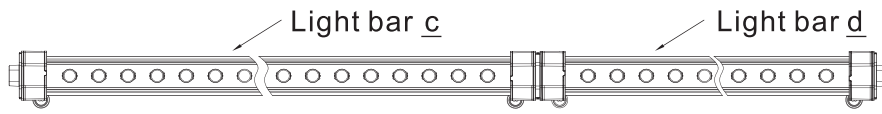


# Light Bar Dimensions

Unit: Inch



**All components needed to assemble your fluorescent replacement length are included in the box. Pick the size you want and you'll receive everything you need to assemble the bar.**

Item	LED Lamp Cross Reference	Components	Watts (w)	Watts/System	Lumens (lm)	Actual assembled size (in)
<b>HLB-2S24</b>	F24HO	a	8.2	9.3	800	21"
<b>HLB-2S30</b>	F30HO	f	11.6	13.2	1300	27"
<b>HLB-2S36</b>	F36HO	b	13.5	15.3	1350	33.1"
<b>HLB-2S42</b>	F42HO	g	15.2	17.3	1800	39.1"
<b>HLB-2S48</b>	F48HO	c	18.8	21.4	1900	45"
<b>HLB-2S60</b>	F60HO	b + d	24	27.3	2300	57"
<b>HLB-2S64</b>	F64HO	f + h	24.5	27.8	2650	61.1"
<b>HLB-2S72</b>	F72HO	c + d	29.5	33.5	2850	69"
<b>HLB-2S84</b>	F84HO	b + d + d	34.5	39.2	3250	81"
<b>HLB-2S96</b>	F96HO	c + d + d	40	45.5	3800	93"
<b>HLB-2S108</b>	F108HO	b + d + d + d	45	51.1	4150	105"
<b>HLB-2S117</b>	F117HO	i + i + i	44	50	4650	114"
<b>HLB-2S120</b>	F120HO	c + d + d + d	50.5	57.4	4750	117"
<b>HLB-EQUALIZER</b>		d	10.8	12.3	900	23.9"

NOTE: a = 21.0625 inch; b = 33.0625 inch; c = 45.125 inch; d = 23.8125 inch; f = 27 inch; g = 39.1 inch; h = 34.1 inch; i = 37.9 inch

## Layout Guidelines

Double-sided light box depth (inch)	Item	Maximum space between bars (inch)	Illuminance ( lux ) - based on max spacing	Comments
9	Concorde Cabinet System by HanleyLED	8 - 9	1600-2700	Lightbox size: 47" x 67" Tested with 3/16" 7328 white acrylic
12		10-12	1000-2050	
18		12-15	640-1150	
24		12-19	500-950	

## Power Supply Load Chart & Cascading (bars in a series) Information Guidelines

Item	Watts/Bar	Power Supplies (24v)			Cascading/Run Information
		60w H60W-PPS524V	100w H100W-PPS524V	150w H150W-PPS524V	Max Series Wired
		Max Number of Concorde Bars Per Power Supply			
<b>HLB-2S24 (F24H0)</b>	8.2w	7	12	18	5
<b>HLB-2S30 (F30H0)</b>	11.6w	5	8	12	4
<b>HLB-2S36 (F36H0)</b>	13.5w	4	7	11	4
<b>HLB-2S42 (F42H0)</b>	15.2	3	6	9	4
<b>HLB-2S48 (F48H0)</b>	18.8w	3	5	7	3
<b>HLB-2S60 (F60H0)</b>	24w	2	4	6	2
<b>HLB-2S64 (F64H0)</b>	24.5w	2	4	6	2
<b>HLB-2S72 (F72H0)</b>	29.5w	2	3	5	2
<b>HLB-2S84 (F84H0)</b>	34.5w	1	2	4	1
<b>HLB-2S96 (F96H0)</b>	40w	1	2	3	1
<b>HLB-2S108 (F108H0)</b>	45w	1	2	3	1
<b>HLB-2S117 (F117H0)</b>	44w	1	2	3	1
<b>HLB-2S120 (F120H0)</b>	50.5w	1	1	2	1

## Power Supply Wire Gauge Chart

Wire Size	Maximum Distance	
	60W Power	100W Power
Gauge (AWG)	Feet	Feet
18	6.4	/
16	10.2	1.6
14	16.3	2.6
12	26.0	4
10	41.0	6.5
NOTE: Distance from power supply to load at full capacity.		