# **ECO Spot LED B300E LED Gobo Projector**

### **Weatherproof Projector for Exterior and Interior Applications**

• For very bright environments, extra large projection sizes and distances.

- Takes std. M-size gobos, up to Full Color.
- Integrated **Gobo Rotator** with on/off switch, useful for exact image alignment.
- Interchangeable Projection Lenses.



### **SPECIFICATIONS:**

Order Code: ES-B300E

**Power Supply:** 95-265V, 50-60Hz, 220W

Other Build Options: ES-B300PCE - Rugged Fanless and Weather Resistant

Lamp Type: LED

**Rated Life:** 30,000 hours **Color Temperature:** 8,000k +/-500k

**Luminous Flux:** 20,000lm (effective flux 11,500lm)

**Projection Lenses:** Semi-Narrow: f=210mm/13°

Medium: f=140mm/20° Semi-Wide: f=115mm/25° Wide: f=87mm/30°

**Gobo Dimensions:** M-Size (OD66mm, ID48mm), max. thickness: 5mm

Gobo Types: Glass and Metal, NO film material

**PROJECTION RANGE** 

**Bright environment:** - up to 90ft **Dim environment:** - up to 200ft

**Dark environment:** - up to 400ft (or more in very dark conditions)

SAFETY STANDARDS

**Projector:** IP62 (self rated), no certifications.

The projector is not connected to line voltage, it receives low

DC voltage through the driver.

**External Driver:** IP65, UL8750(type"HL"), CSA C22.2 No. 250.0-08, ENEC, TUV

EN61347-1, EN61347-2-13, J61347-1, J61347-2-13 approved;

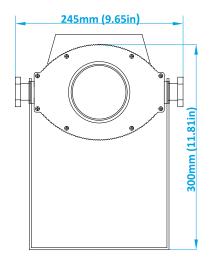
design refer to UL60950-1, TUV EN60950-1

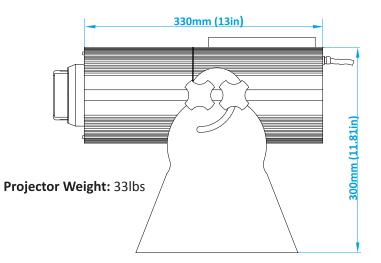
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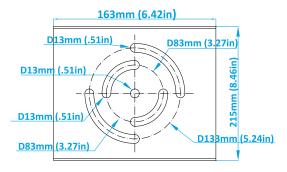
#### Max. total length including the projection lens:

Narrow: f=210mm/13°: 520mm (20.5in)
Medium: f=140mm/20°: 405mm (16in)
Semi-Wide: f=115mm/25°: 420mm (16.5in)
Wide: f=87mm/30°: 420mm (16.5in)

### Separate Driver (see driver datasheet for details)

• Dimensions: 252x90x44mm (10x3.5x1.7in) (LxWxH)

• Weight: 4.1lbs



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Model Gobo Size	Color Temp.	Lens	Beam Mult.	Effective Im	CD	Value	PROJECTION DISTANCE IN FEET (ft)															
						Value	3	6	9	12	15	18	24	30	36	42	64	88	112	136	200	250
ES-LED-B300E M-Size ID=48mm	6000k +/- 500k	200mm (15°)	0.25	10527	214,560	Size (ft)			2.3	3.0	3.8	4.5	6.0	7.5	9.0	10.5	16.0	22.0	28.0	34.0	50.0	62.5
						Brightness (fc)			2649	1490	954	662	373	238	166	122	52	28	17	12	5	3
		140mm (20°)	0.35	12462	129,600	Size (ft)		2.1	3.2	4.2	5.3	6.3	8.4	11	13	15	22	31	39	48	70	
						Brightness (fc)		3600	1600	900	576	400	225	144	100	73	32	17	10	7	3	J
		115mm (25°) 87mm (30°)	0.42	11400 10600	83,520 44,640	Size (ft)		2.5	3.8	5.0	6.3	7.5	10.0	13	15	18	27	37	47	57		
						Brightness (fc)		2320	1031	580	371	258	145	93	64	47	20	11	7	5		<u> </u>
						Size (ft) Brightness (fc)		3.3 1240	5.0 551	6.6 310	8.3 198	9.9 138	13.2 78	<b>17</b> 50	<b>20</b> 34	<b>23</b> 25	35	48	62	G	obo\$	ource
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### **PACKAGE CONTENTS**

Power Cord • Test Gobo • Spare Gobo Retaining Ring • Integrated Gobo Mounts • User Manual

Questions? Call us! 1-831-431-8800

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