

ECO Spot LED B150 LED Gobo Projector

- For very bright environments, large projection sizes and distances.
- Highly efficient design.
- Interchangeable Projection Lenses.
- Quiet Operation
- Integrated **Gobo Rotator** with on/off switch, useful for exact image alignment.
- Takes std. **M-size gobos**, up to Full Color, plus foil materials (limited use time).
- Compact, full Aluminum Housing.



SPECIFICATIONS:

PROJECTOR

Order Code: ES-B150
Power Supply: 100-240V, 47-63Hz, 180W

Other Build Options: ES-B150C: with 4-gobo changer
ES-B150E : Outdoor version with Rotator
ES-B150CE : Outdoor Version with 4-Gobo Changer

LAMP DETAIL

Type: LED 150W
Rated Life: 40,000 Hours
Color Temperature: 6,000k +/-500k
Luminous Flux: 12,000lm (effective flux 8,900lm)

OPTICAL

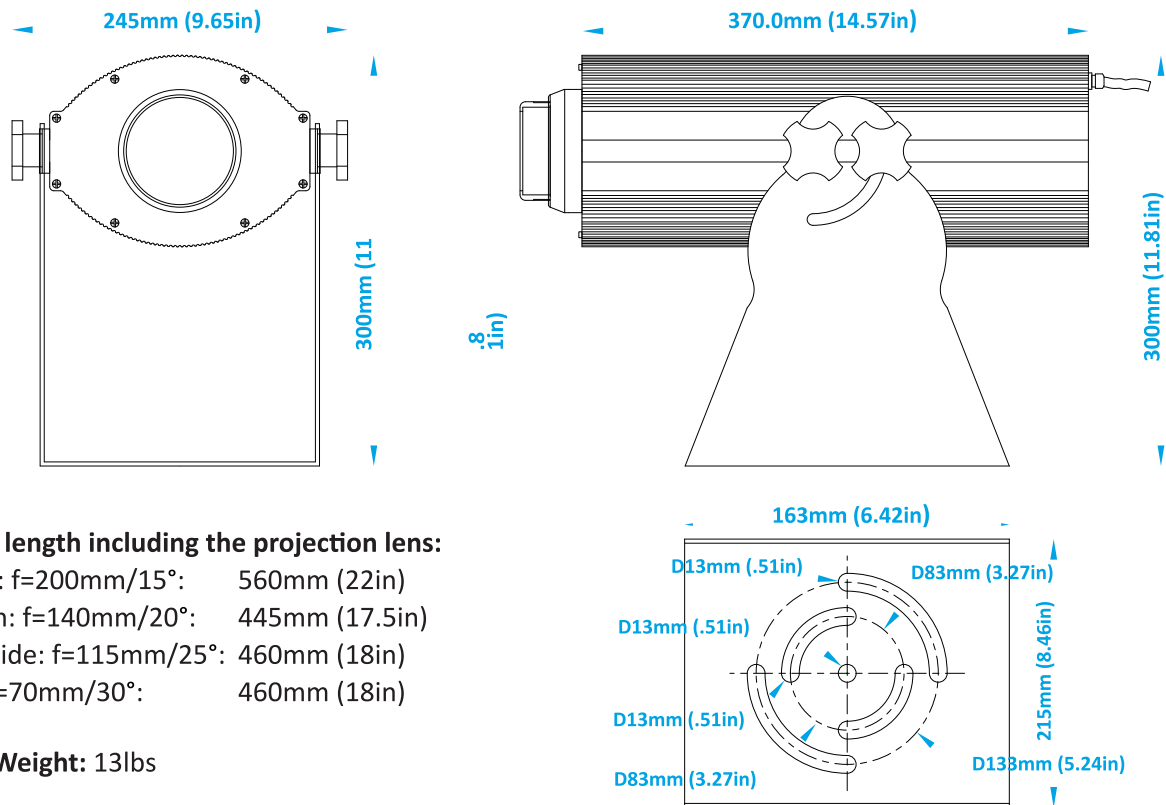
Available Projection Lenses: Semi-Narrow: f=200mm/15°
Medium: f=140mm/20°
Semi-Wide: f=115mm/25°
Wide: f=70mm/30°

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

PROJECTION RANGE (typical range with Semi-Narrow lens)

Bright environment: - up to 70ft
Dim environment: - up to 150ft
Dark environment: - up to 250ft (or more in very dark conditions)

ECO Spot LED B150 LED Gobo Projector



Max. total length including the projection lens:

- Narrow: f=200mm/15°: 560mm (22in)
- Medium: f=140mm/20°: 445mm (17.5in)
- Semi-Wide: f=115mm/25°: 460mm (18in)
- Wide: f=70mm/30°: 460mm (18in)

Projector Weight: 13lbs

ECO Spot™ Photometrics																						
Model Gobo Size	Color Temp.	Lens	Beam Mult.	Effective Im	CD	Value	PROJECTION DISTANCE IN FEET (ft)															
							3	6	9	12	15	18	24	30	36	42	64	88	112	136	200	250
ES-B150 ES-B150E ES-B150C ES-B150CE	6000k +/- 500k	200mm (15°)	0.25	8124	165,600	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)			2044	1150	736	511	288	184	128	94	40	21	13	9	4	3				
		140mm (20°)	0.35	9693	100,800	Size (ft)		2.1	3.2	4.2	5.3	6.3	8.4	11	13	15	22	31	39	48	70	
		Brightness (fc)		2800	1244	700	448	311	175	112	78	57	25	13	8	5	3					
M-Size ID=32mm		115mm (25°)	0.42	8845	64,800	Size (ft)		2.5	3.8	5.0	6.3	7.5	10.0	13	15	18	27	37	47	57		
		Brightness (fc)		1800	800	450	288	200	113	72	50	37	16	8	5	4						
		87mm (30°)	0.55	8206	34,560	Size (ft)		3.3	5.0	6.6	8.3	9.9	13.2	17	20	23	35	48	62			
						Brightness (fc)		960	427	240	154	107	60	38	27	20	8	4	3			

ECO Spot is a Trademark of Globus New Media LLC dba Gobosource

How to Read the Illumination Values

Foot Candles (ft)	For a quick overview, the illumination values in the tables are color coded. There are many factors that determine the visibility of a projection, such as ambient light, color and reflectiveness of the projection surface, competing light, gobo colors, projector color temperature, and other factors. Therefore our recommendations should only be used as guidelines and we cannot guarantee a successful application. If you are unsure, please call us to discuss.
Projection Size Calculation	For the resulting Projection Size at any given Distance, Multiply the number in the "Beam Mult." column with your Projection Distance. Projection Size = Distance x Beam Mult. For the Distance needed to achieve a desired Projection Size, Divide the Projection size by the Beam Multiplier. Distance = Projection Size / Beam Mult.
300+	Extreme brightness for extremely bright environments, i.e. bright areas, additionally flooded with daylight, such as Lobby-, Retail-, Trade Show-, Environment. Outdoors (shady, no direct sunlight). Color gobos project in vibrant colors.
45-300	Very high brightness for very bright environments, such as Office-, Lobby-, Retail-, Trade Show-, Environment. Color gobos project in vibrant colors. Outdoors well visible at night with vibrant colors.
15-45	Sufficient brightness for regular environments, such as Bars, Clubs, and intimate Restaurants, Theaters, and dimmed Conference rooms. Outdoors well visible at night. Color gobos should preferably be used with lighter colors and the projection surface should be light and somewhat reflective.
15-3	Only advisable for dark environments and subtle projection of light colored artwork, preferably on light, reflective projection surface. If all conditions are met, the max. listed image distance/size can be doubled in most cases.

Metric Conversions: For Meters multiply feet by .3048. For Lux multiply footcandles by 10.76

PACKAGE CONTENTS

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