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ECO Spot™ B300PCE LED Gobo Projector - Spec Sheet

Weather and Dustproof Projector for Rugged Environments

Passive cooling - no moving parts such as fans or motors

Applications - for bright environments, large projection

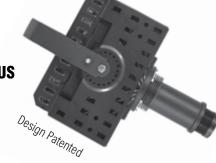
sizes and long distance projections

UL/cUL Certified - for wet and dusty environments

Interchangeable

Projection Lenses - for a wide range of projection distances and sizes





SPECIFICATIONS

Order Code: ES-B300PCE

Power Suply: 100-277V, 50/60Hz, 2.7A, 270W **Temp Rating:** -22°F to 140°F (-30°C to 60°C) **Environment:** Rugged, dusty, wet environments

Lamp Type: LED - 300 Watt

LED Power Range: Field Adjustable, 270W to 90W (see application notes) 25,000 hours to 60,000 hours depending on power setting **Rated LED Lifespan:**

8,000k +/- 500k **LED Color Temp:**

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

Narrow: f=290mm/10° **Projection Lenses:**

> Semi-Narrow: f=210mm/13° Medium: f=140mm/20° Semi-Wide: f=115mm/25°

Wide: f=92mm/30°

Ultra-Wide: f=56mm/40° - please note, lens has max Gobo ID of 44mm

Gobo Size: M-Size - Outside Diameter: 66mm, Image Diameter: 48mm

(ID=44mm for ultra-wide lens)

Gobo Types: Glass or Metal Gobos only, no Film Gobos

Projection Range

UL Certificate Number:

Bright Environment: - Up to 60 feet **Dim Environment:** - Up to 200 feet **Dark Environment:** - Up to 400 feet

Safety Standards: UL 48 Standard for Electric Signs,

> CSA C22.2 No. 207-15 Standard for Portable and Stationary Electric Signs and Displays.

E493665 Rated for Wet Environments



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Dimensions

Projector Body: 14.5" x 16.5" x 12"

Projector Weight: 50lbs

Total Length

Including Projection Lens: - 21.5" with Narrow or Semi-Narrow Lens: - 25"

Shipping Dimensions

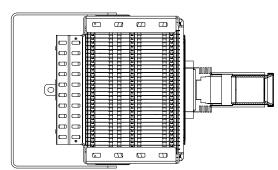
Box Size: 28" x 20.5" x 19"

Box Weight: 56.5lbs

Product Warranty

Two year repair/replacement warranty for PCE Models For warranty details please visit:

(https://www.gobosource.com/gos/pdf/Warranty_Gobosource.pdf)



Model	Gobo max ID	Lens	Beam Mult.	Effective Im	Efficiency Im/W	Value	PROJECTION DISTANCE IN FEET (ft)															
Gobo Size	max ID					Value	3	6	9	12	15	20	24	30	36	42	64	88	112	136	200	300
ES-B300E ES-B300PCE M-Size OD=66mm ID=48mm	52mm	290mm (10°)	0.17	5020	17	Size (ft)			1.5	2.0	2.5	3.3	4.0	5.0	6.0	7.0	10.7	14.7	18.7	22.7	33.3	
						Brightn.(fc) Size (ft)			2844	2.8	1024 3.5	576 4.6	400 5.5	256 6.9	178 8.3	9.7	56 14.7	30 20.2	18 25.8	12 31.3	6 46.0	69.0
		(13°)	0.23	8910	30	Brightn.(fc)			2649	1490	954	536	373	238	166	122	52	28	17	12	46.0	2
		140mm (20°)	0.35	11078	37	Size (ft)		2.1	3.2	4.2	5.3	7.0	8.4	11	13	15	22	31	39	48	70	
						Brightn.(fc)		3200	1422	800	512	288	200	128	89	65	28	15	9	6	3	
		115mm (25°)	0.42	12776	43	Size (ft)		2.5	3.8	5.0	6.3	8.3	10.0	13	15	18	27	37	47	57	83	
	48mm	92mm (30°)	0.55	10600	35	Brightn.(fc) Size (ft)		3.3	1156 5.0	650	416 8.3	234 11.0	163 13.2	104 17	72 20	53 23	23 35	12 48	7 62	5 75	2	l.
						Brightn.(fc)		1240	551	310	198	112	78	50	34	25	11	6	4	2		
	44mm recom.	56mm** (40°)	0.82	10261	34	Size (ft)		4.9	7.4	9.8	12.3	16.4	19.7	25	30	34	52	72	92		even brig	
						Brightn.(fc)		540	240	135	86	49	34	22	15	11	5	3	2		x. ID=42r	
Model Gobo Size	Gobo ID	Lens	Beam Mult.	Effective Im	CD	Value	3	6	9	12	15 D	20	24 C T L O N	30	36	42 : IN	64 FEET (88 (ft)	112	136	200	300
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Package Contents

Projector | Mounting Yokes | Lens Tube | Projection Lens | Test Gobo | User Manual

Have Questions? Call Us! 1.800.270.6449 www.gobosource.com/signs