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ECO Spot™ B90PCE LED Gobo Projector - Spec Sheet

Weather and Dustproof Projector for Rugged Environments

Passive cooling - no moving parts such as fans or motors

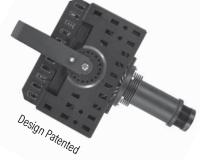
- for dusty and wet industrial environments **Applications**

UL/cUL Certified - for wet and dusty environments

Interchangeable

Projection Lenses - for a wide range of projection distance and size





SPECIFICATIONS

Order Code: ES-B90PCE

Power Suply: 100-277V, 50/60Hz, 120W **Temp Rating:** -22°F to 140°F (-30°C to 60°C)

Environment: Dusty and wet industrial environments

Lamp Type: LED - 90 Watt

Field Adjustable, 60W to 90W (see application notes) **LED Power Range:**

25,000 hours to 60,000 hours depending on power setting **Rated LED Lifespan:**

LED Color Temp: 6,000k +/- 500k

Luminous Flux: 7,200lm (effective flux 6,300lm)

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

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

Wide: f=92mm/30° - please note, lens has max Gobo ID of 42mm

Ultra-Wide: f=56mm/40° - please note, lens has max Gobo ID of 42mm

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

(ID=42mm for wide and Ultra-Wide lens)

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

Projection Range

Bright Environment: - Up to 50 feet **Dim Environment:** - Up to 100 feet **Dark Environment:** - Up to 250 feet

Safety Standards: UL 48 Standard for Electric Signs,

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

UL Certificate Number: E493665 Rated for Wet Environments



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Dimensions

Projector Body: 11" x 13" x 9" Projector Weight: 16lbs

Total Length

with Narrow Lens:

with Semi-Narrow Lens:

with Medium or Wide Lens:

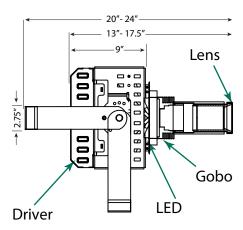
with Semi-Wide

- 19.5"

17.5"

13"

15.5"

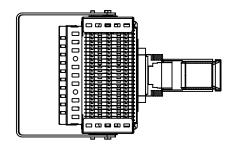


Shipping Dimensions

Box Size: 17" x 17" x 17" Box Weight: 24lbs

Product Warranty

Two year repair/replacement warranty for PCE Models
For warranty details please visit:
(https://www.gobosource.com/gos/pdf/Warranty_Gobosource.pdf)



		tomet	rics																			
Model Gobo Size	Gobo max ID	Lens	Beam Mult.	Effective Lumens	Effective Candela	Value PROJECTION DISTANCE IN FEET (H)																
						value	3	6	9	12	15	20	24	30	36	42	64	88	112	136	200	300
ES-B90 ES-B90E ES-B90C ES-B90CE ES-B90PCE	52mm	209mm (13°)	0.23	5262	126,720	Size (ft)			2.1	2.8	3.5	4.6	5.5	6.9	8.3	9.7	14.7	20.2	25.8	31.3	46.0	
						Brightn.(fc)			1564	880	563	317	220	141	98	72	31	16	10	7	3	
		140mm	0.35	6300	65,520	Size (ft)		2.1	3.2	4.2	5.3	7.0	8.4	11	13	15	22	31 8	39 5	48		
		(20°) 115mm (25°)	0.42	5700	41,760	Brightn.(fc) Size (ft)		1820	809 3.8	455 5.0	291 6.3	164 8.3	114	73 13	51 15	37 18	16 27	37	47	4		
						Brightn.(fc)		1160	516	290	186	104	73	46	32	24	10	5	3		65	
M-Size OD=66mm ID=48mm	48mm	92mm (30°)	0.55	4445	18,720	Size (ft)		3.3	5.0	6.6	8.3	11.0	13.2	17	20	23	35	48			<u> </u>	
						Brightn.(fc)		520	231	130	83	47	33	21	14	11	5	2		-	NONTORILON	_
	44mm recom.	56mm** (40°)	0.82	3572	6,768	Size (ft)		4.9	7.4	9.8	12.3	16.4	19.7	25	30	34	52	**For even brightness,			1	
						Brightn.(fc)		188	84	47	30	17	12	8	5	4	2	ma	ax. ID=42n	nm		
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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