

ECO Spot™ C40PCE 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

Rugged - for wet and dusty environments

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



SPECIFICATIONS

Order Code: ES-C40PCE
Power Supply: 100 - 240/277 V, 50/60Hz, 50W
Temp Rating: -22°F to 140°F (-30°C to 60°C)
Environment: Rugged, dusty, wet environments

Lamp Type: LED - 40 Watt
LED Power Range: Field Adjustable, 60W to 150W (see application notes)
Rated LED Lifespan: 25,000 hours to 60,000 hours depending on power setting
LED Color Temp: 8,000k +/- 500k
Luminous Flux: 2,400lm (effective flux 3,000lm)

Projection Lenses:
Narrow: f=140mm/10°
Semi-Narrow: f=100mm/15°
Medium: f=70mm/20°
Wide: f=56mm/25°
Ultra-Wide: f=28mm/45° - please note, lens has max Gobo ID of 23mm

Gobo Size: E -Size - Outside Diameter: 37.5mm, Image Diameter: 25mm
Gobo Types: Glass or Metal Gobos , Film Gobos with limited run time

Projection Range

Bright Environment: - Up to 40 feet
Dim Environment: - Up to 70 feet
Dark Environment: - Up to 150 feet

Safety Standards:

Projector - IP62
Driver - IP65 - Carries Line Voltage - Projector does not



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4444 Scotts Valley Drive, Suite 5 | Scotts Valley, CA 95066, USA

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Dimensions

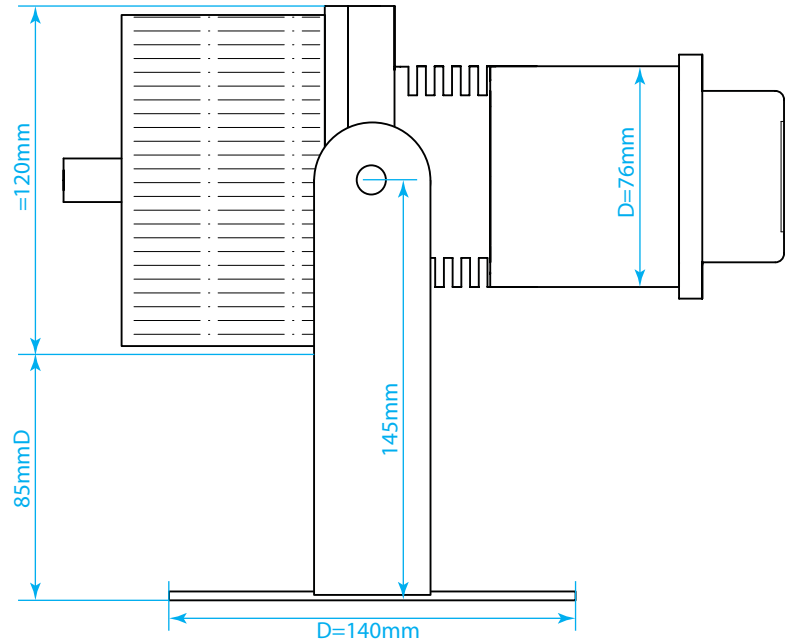
Projector Length:	7 ³ / ₄ "
Projector Width:	5 ¹ / ₂ "
Projector Height:	7 ¹ / ₂ " (mounted on yoke)
Lens Barrel Diameter:	3" (diameter) x 2 ¹ / ₂ " (length)
Heat Sink:	4 ¹ / ₂ " (diameter)
Mounting Plate/Yoke:	5 ¹ / ₂ " (diameter) x 5 ³ / ₄ " (height)
Projector Weight:	8lbs

Total Length Including Projection Lens:

Narrow Lens	- 10"
Semi-narrow Lens:	- 9.25"
Medium and Wide Lens:	- 8.25"
Ultra Wide Lens:	- 8.5"

Shipping Dimensions

Box Size:	18" x 18" x 9"
Box Weight:	10lbs



ECO Spot™ Photometrics							PROJECTION DISTANCE IN FEET (ft)																
Model	Gobo max ID	Lens	Beam Mult.	Effective lm	Efficiency lm/W	D=?	Value	3	6	9	12	15	20	24	30	36	42	64	88	112	136	200	300
ES-C40	25mm	140mm (10°)	0.18	1025	26	4.0	Size (ft)			1.6	2.2	2.7	3.6	4.3	5.4	6.5	7.6	11.5	15.8	20.2			
						83	Brightn.(fc)			498	280	179	101	70	45	31	23	10	5	3			
ES-C40E	25mm	100mm (15°)	0.26	1834	46	5.7	Size (ft)		1.6	2.3	3.1	3.9	5.2	6.2	7.8	9.4	11	17	23	29			
						71	Brightn.(fc)		960	427	240	154	86	60	38	27	20	8	4	3			
ES-C40PCE	25mm	70mm (20°)	0.35	1662	42	7.7	Size (ft)	1.1	2.1	3.2	4.2	5.3	7.0	8.4	10.5	12.6	14.7	22.4	30.8				
						36	Brightn.(fc)	1920	480	213	120	77	43	30	19	13	10	4	2				
E-Size OD=37.5mm ID=25mm	23mm	56mm (25°)	0.45	1946	49	9.9	Size (ft)	1.4	2.7	4.1	5.4	6.8	9.0	11	14	16	19	29	40				
						25	Brightn.(fc)	1360	340	151	85	54	31	21	14	9	7	3	2				
		28mm (40°)	0.85	2613	65	18.7	Size (ft)	2.6	5.1	7.7	10.2	12.8	17.0	20.4	25.5	30.6	35.7						
						10	Brightn.(fc)	512	128	57	32	20	12	8	5	4	3						

*For best focus/brightness, max. ID=23mm

Product Warranty

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

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



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