

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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Dimensions

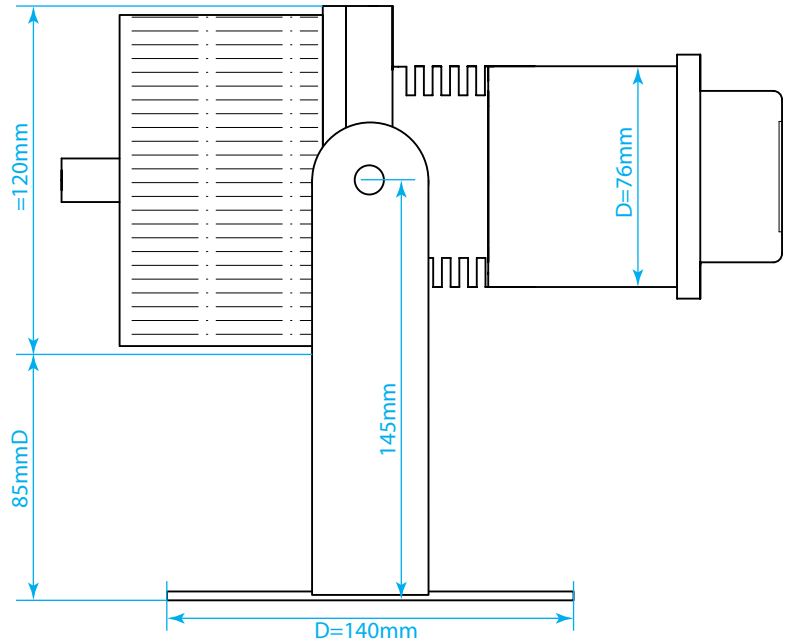
Projector Length:	7 ³ / ₄ "
Projector Width:	5 ¹ / ₂ "
Projector Height:	7 ¹ / ₂ " (mounted on yoke)
Lens Barrel Diameter:	3" (diameter) x 2 ¹ / ₂ " (length)
Heat Sink:	4 ¹ / ₂ " (diameter)
Mounting Plate/Yoke:	5 ¹ / ₂ " (diameter) x 5 ³ / ₄ " (height)
Projector Weight:	8lbs

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 Size	Gobo max ID	Lens	Beam Mult.	Effective lm	Efficiency lm/W	D=? 22	Value	3	6	9	12	15	20	24	30	36	42	64	88	112	136	200	300
ES-C40 ES-C40E ES-C40PCE ES-C40+	25mm	140mm (10°)	0.18	1025	26	4.0 83	Size (ft) Brightn.(fc)			1.6 498	2.2 280	2.7 179	3.6 101	4.3 70	5.4 45	6.5 31	7.6 23	11.5 10	15.8 5	20.2 3			
		100mm (15°)	0.26	1834	46	5.7 71	Size (ft) Brightn.(fc)		1.6 960	2.3 427	3.1 240	3.9 154	5.2 86	6.2 60	7.8 38	9.4 27	11 20	17 8	23 4	29 3			
		70mm (20°)	0.35	1662	42	7.7 36	Size (ft) Brightn.(fc)	1.1 1920	2.1 480	3.2 213	4.2 120	5.3 77	7.0 43	8.4 30	10.5 19	12.6 13	14.7 10	22.4 4	30.8 2				
E-Size OD=37.5mm ID=25mm	23mm	56mm (25°)	0.45	1946	49	9.9 25	Size (ft) Brightn.(fc)	1.4 1360	2.7 340	4.1 151	5.4 85	6.8 54	9.0 31	11 21	14 14	16 9	19 7	29 3	40 2				
		28mm* (40°)	0.85	2613	65	18.7 10	Size (ft) Brightn.(fc)	2.6 512	5.1 128	7.7 57	10.2 32	12.8 20	17.0 12	20.4 8	25.5 5	30.6 4	35.7 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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