

ECO Spot™ C40PCE LED Gobo Projector - Spec Sheet

Compact Gobo Projector for Rugged Environments

- Compact, industrial strength gobo projector for rugged in- and outdoor applications.
- Sealed system, passive cooled.
- Wide range of interchangeable projection lenses.
- Image size from 4ft in very bright- to 30ft in dark environments.



SPECIFICATIONS

Order Code:	ES-C40PCE
Power Supply:	100 - 240/277 V, 50/60Hz, 45W
Temp Rating:	-22°F to 122°F (-30°C to 50°C)
Driver:	External driver, fully sealed (included)

Lamp Type:	LED - 40 Watt
Rated LED Life:	35,000 hours (L70)
LED Color Temp:	8,000k +/- 500k
Luminous Flux:	2,700lm (effective flux 2,400lm)

Projection Lenses:	Ultra-Narrow: f=290mm/6°, Narrow: f=140mm/10° Semi-Narrow: f=100mm/15°, Medium: f=70mm/20° Wide: f=56mm/25°, Ultra-Wide: f=28mm/45° (max. Gobo ID: 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/Size	Range	Size
Bright Environment:	- Up to 30 feet*	- Up to 4 feet
Average Environment:	- Up to 36 feet	- Up to 7 feet
Dim Environment:	- Up to 70 feet	- Up to 9 feet
Dark Environment:	- Up to 150 feet	- Up to 30 feet

* with Ultra-Narrow lens

Safety Standards:	Projector - IP65, EC: EN IEC 60598-1:2021, N IEC 60598-2-1:2021 Driver - IP65, UL E334687
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Dimensions

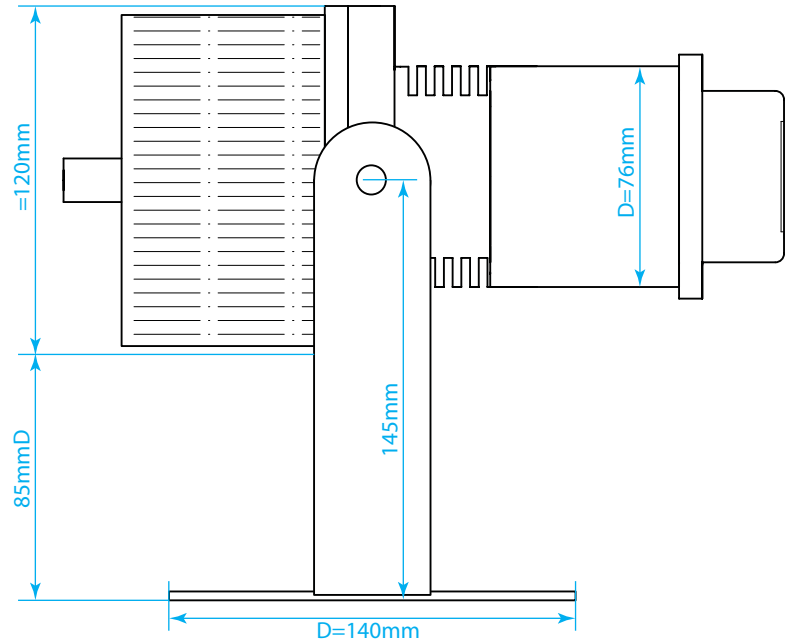
Projector Length:	7 ³ / ₄ "
Projector Width:	5 ¹ / ₂ "
Projector Height:	7 ¹ / ₂ " (mounted on yoke)
Lens Barrel Diameter:	3" (diameter) x 2 ¹ / ₂ " (length)
Heat Sink:	4 ¹ / ₂ " (diameter)
Mounting Plate/Yoke:	5 ¹ / ₂ " (diameter) x 5 ³ / ₄ " (height)
Projector Weight:	8lbs

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	25mm	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				
		23mm (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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