

# 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

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

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

<b>Projection Lenses:</b>	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)
<b>Gobo Size:</b>	E-Size - Outside Diameter: 37.5mm, Image Diameter: 25mm
<b>Gobo Types:</b>	Glass or Metal Gobos, Film Gobos with limited run time

Projection Range/Size	Range	Size
<b>Bright Environment:</b>	- Up to 30 feet*	- Up to 4 feet
<b>Average Environment:</b>	- Up to 36 feet	- Up to 7 feet
<b>Dim Environment:</b>	- Up to 70 feet	- Up to 9 feet
<b>Dark Environment:</b>	- Up to 150 feet	- Up to 30 feet

\* with Ultra-Narrow lens

<b>Safety Standards:</b>	Projector - IP65, EC: EN IEC 60598-1:2021, N IEC 60598-2-1:2021 Driver - IP65, UL E334687
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**Dimensions**

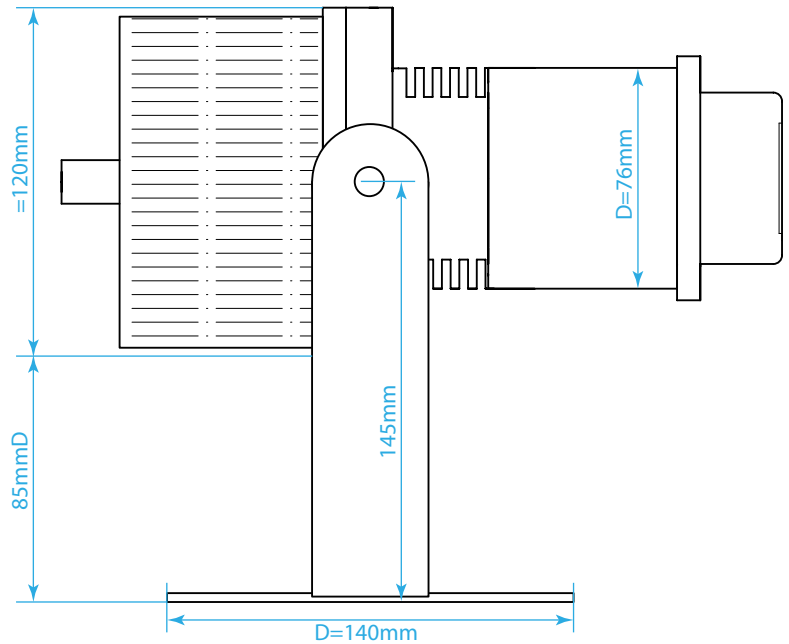
- Projector Length: 7<sup>3</sup>/<sub>4</sub>"
- Projector Width: 5<sup>1</sup>/<sub>2</sub>"
- Projector Height: 7<sup>1</sup>/<sub>2</sub>" (mounted on yoke)
- Lens Barrel Diameter: 3" (diameter) x 2<sup>1</sup>/<sub>2</sub>" (length)
- Heat Sink: 4<sup>1</sup>/<sub>2</sub>" (diameter)
- Mounting Plate/Yoke: 5<sup>1</sup>/<sub>2</sub>" (diameter) x 5<sup>3</sup>/<sub>4</sub>" (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	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](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](http://www.gobosource.com/signs)