

ECO Spot™ C40PCE

ECO Spot™ C40PCE LED Gobo Projector

Weather and Dustproof Projector for Rugged Environments

- **Passive cooling** - no moving parts such as fans or motors
- **Applications** - dusty and wet industrial environments
- **Interchangeable Projection Lenses** - for a wide range of projection distances and sizes



SPECIFICATIONS

Item Code:	ES-C40PCE
Power Supply:	100-277V, 50/60Hz
Power Draw:	40W, 0.35/115V, 0.15/277V
Driver:	Mean Well HLG-40H-15B
Inrush Current:	COLD START 50A (t width=210µs at 50% I peak) at 230VAC per NEMA 410
Breakers:	We recommend lighting specific breakers at 70% of specified load
Power Cord:	Length: 8.5' (2.6m), Plug: Standard plug: NEMA 5-15 (other plug options available)

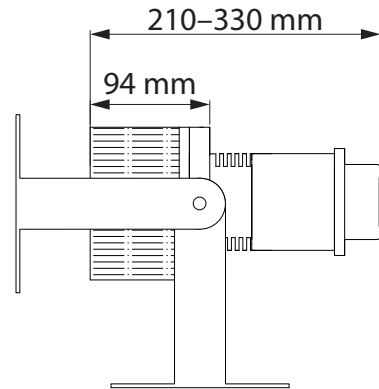
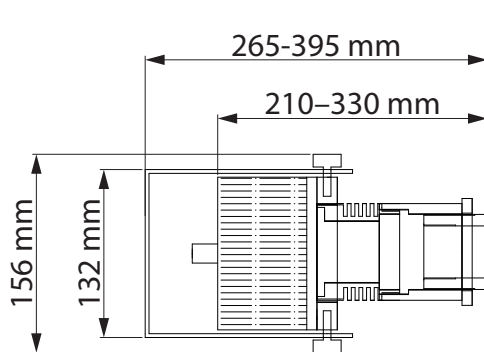
Environmental Rating:	IP65
Safety Standards:	Driver: UL 8750 Standard for LED Equipment, CSA C22.2 No. 250.0-08 Standard for Luminaires
Temperature Range:	-22°F to 122°F (-30°C to 50°C)
LED Life:	35,000 h until 30% brightness loss is reached (L70*) (*L70= the time to 30% brightness loss)
Driver Life:	MTBF: 200,000 h, lifetime: 100,000 h at tc=75°C and 80% load (driver and LED are field serviceable)

Lamp Type:	LED - 40W
LED Color Temp:	8,000k ± 500k
Projection Lenses:	Narrow: $f=140\text{ mm}/10^\circ$ Semi-Narrow: $f=100\text{ mm}/15^\circ$ Medium: $f=70\text{ mm}/20^\circ$ Wide: $f=56\text{ mm}/25^\circ$ Ultra-Wide: $f=28\text{ mm}/40^\circ$
Gobo Size:	E-Size - Outside Diameter: 37.5 mm, Image Diameter: 25 mm (*ID: 23 mm for Ultra-Wide)

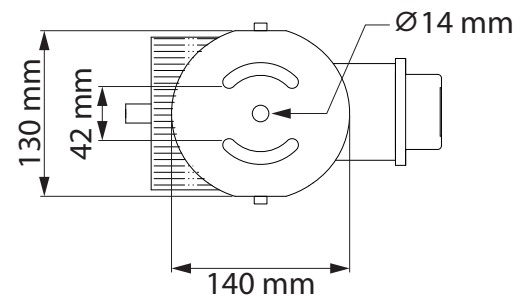
Typ. Projection Range / Size	Bright Environment	Average Env.	Dim Env.
Max. Image Size:	4' (1.2 m)	7' (2.1 m)	9' (2.7 m)
At Distance:	21'	28'	36'

Product Warranty:	Two years from date of purchase
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DIMENSIONS AND WEIGHT



Dimensions in mm
Weight: 3.6 kg [8 lbs]



PHOTOMETRICS (see our website for metric version and details)

ECO Spot™ Photometrics																								
Model Gobo Size	Gobo max ID	Lens	Beam Mult.	Effective lm	Efficiency lm/W	CD	Value	PROJECTION DISTANCE in (ft)																
								3	6	9	12	15	20	24	30	36	42	64	88	112	136	200	300	
ES-C40 ES-C40E ES-C40PCE ES-C40+ ES-C40E+	25mm	140mm (10")	0.18	1025	26	40,320	Size (ft)			1.6	2.2	2.7	3.6	4.3	5.4	6.5	7.6	11.5	15.8	20.2				
							Brightn. (fc)			498	280	179	101	70	45	31	23	10	5	3				
		100mm (15")	0.26	1834	46	34,560	Size (ft)		1.6	2.3	3.1	3.9	5.2	6.2	7.8	9.4	10.9	16.6	22.9	29.1				
							Brightn. (fc)		960	427	240	154	86	60	38	27	20	8	4	3				
E-Size OD=37.5mm ID=25mm	23mm	70mm (20")	0.35	1662	42	17,280	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					
							Brightn. (fc)	1920	480	213	120	77	43	30	19	13	10	4	2					
		56mm (25")	0.45	1946	49	12,240	Size (ft)	1.4	2.7	4.1	5.4	6.8	9.0	11	14	16	19	29	40					
							Brightn. (fc)	1360	340	151	85	54	31	21	14	9	7	3	2					
		28mm* (40")	0.85	2613	65	4,608	Size (ft)	2.6	5.1	7.7	10.2	12.8	17.0	20.4	25.5	30.6	35.7	*For best focus/brightness, max. ID=23mm						
							Brightn. (fc)	512	128	57	32	20	12	8	5	4	3							
ECO Spot is a Trademark of Globus New Media LLC dba GoboSource																								
Metric Conversions: For Meters multiply feet by .305. For Lux multiply footcandles by 10.76																								
Projection Size Calculation	For the resulting Projection Size at any given Distance, Multiply the number in the "Beam Mult." column with your Projection Distance. For the Distance needed to achieve a desired Projection Size, Divide the Projection size by the Beam Multiplier.																	Projection Size = Distance x Beam Mult. Distance = Projection Size / Beam Mult.						
	How to Read the Illumination Values																	700+	160-700	90-160	60-90	40-60		
Lighting environment description																	Extreme bright	Very bright	Standard	Moderate	Dim			