

ECO Spot™ C60PCE

ECO Spot™ C60PCE LED Gobo Projector

Weather and Dustproof Projector for Rugged Environments

Passive cooling
Applications
- no moving parts such as fans or motors
- dusty and wet industrial environments

UL/cUL Certified - international industry standard certifications

Interchangeable - for a wide range of projection distances and sizes

Projection Lenses



SPECIFICATIONS

Item Code: ES-C60PCE

Power Supply: 100-277V, 50/60Hz

Power Draw: 60W, 0.6A/115V, 0.3/277VA

Driver: Mean Well HLG-80H-20B (integrated)

Inrush Current: COLD START 70A (t width=485µs at 50% I peak) at 230VAC per NEMA 410

Breakers: We recommend lighting specific breakers at 70% of specified load

Units per Breaker: 16A Type C: 6 units, 16A Type B: 3 units

Power Cord: Length: 8.5' (2.6m), Plug: Standard plug: NEMA 5-15 (other plug options available)

Environmental Rating: IP65

Safety Standards: UL 48 Standard for Electric Signs, CSA C22.2 No. 207-15 Standard for Portable and Stationary Electric

Signs and Displays.

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 - 60WLED Color Temp: $8,000k \pm 500k$

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: $f=28 \text{ mm}/40^{\circ \dagger}$

Gobo Size: E-Size - Outside Diameter: 37.5 mm, Image Diameter: 25 mm (†ID: 23 mm for Ultra-Wide)

Typ. Projection Range / SizeBright EnvironmentAverage Env.Dim Env.Max. Image Size:6' (1.8 m)8' (2.4 m)10' (3 m)At Distance:26'34'42'

Product Warranty: Two years from date of purchase

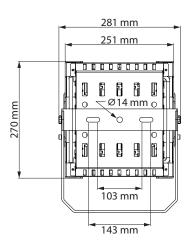
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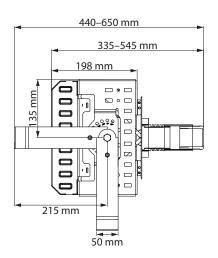
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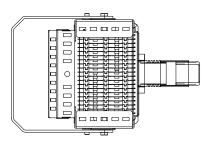
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DIMENSIONS AND WEIGHT

Dimensions in mm Weight: 8.6 kg [19 lbs]







PHOTOMETRICS (see our website for metric version and details)

Model	Gobo	tomet	Beam	Effective	Efficiency								D D (JECT	I O N I	NISTA	NCE :	n (ft)					_
Gobo Size	max ID	Lens	Mult.	Im	Im/W	CD	Value	3	6	9	12	15	20	24	30	36	42	64	88	112	136	200	300
ES-C60 ES-C60PCE ES-C60PCE ES-C60+ ES-C60E+ E-Size OD=37.5mm ID=25mm	25mm	140mm (10°)	0.18	1483	25	58,320	Size (ft)			1.6	2.2	2.7	3.6	4.3	5.4	6.5	7.6	11.5	15.8	20.2	24.5		
							Brightn. (fc)			720	405	259	146	101	65	45	33	14	8	5	3		
		100mm (15°)	0.26	2560	43	48,240	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	35.4		
							Brightn. (fc)		1340	596	335	214	121	84	54	37	27	12	6	4	3		
		70mm (20°)	0.35	2008	33	20,880	Size (ft)		2.1	3.2	4.2	5.3	7.0	8.4	10.5	12.6	14.7	22.4	30.8				
			0.35				Brightn. (fc)		580	258	145	93	52	36	23	16	12	5	3				
		56mm (25°)	0.45	2289	38	14,400	Size (ft)		2.7	4.1	5.4	6.8	9.0	10.8	13.5	16.2	18.9	28.8					
			0.40				Brightn. (fc)		400	178	100	64	36	25	16	11	8	4					
	23mm	28mm* (40°)	0.85	2777	46	4,896	Size (ft)		5.1	7.7	10.2	12.8	17.0	20.4	25.5	30.6	35.7	*For best focus/brightness,					
							Brightn. (fc)		136	60	34	22	12	9	5	4	3		max. ID				
CO Spot is a Trademark of Globus New Media LLC dba Gobosource													Copyright ©2025 GoboSource®										
						Metric Con	versions: For	r Meters	multiply	feet by .	305. For	Lux mul	tiply foo	tcandles	by 10.76	3							
Projection Size							n Distance, M								ion Dista			on Size =					
Calculation			For the	Distance n	eeded to ach	ieve a desir	ed Projection	Size, Div	ride the P	rojection	size by th	ne Beam	Multiplie	r.			Distance	= Projec	tion Size	e / Beam	Mult.		
	How to Read the Illumination Values													70	0+	180	-700	90-180 60-90			40-	-60	
Lighting enviroment description													Extreme	e bright	Verv	bright	Standard Moderate				Di	m	