

BEACHSIDE LIGHTING GOBO IMAGE DISPLAY DIMENSIONS

29mm Gobo Pattern Diameter	
Distance (m)	Image Diameter (m)
2	1.6
3	2.5
4	3.3
5	4.1
6	5.0

34mm Gobo Pattern Diameter	
Distance (m)	Image Diameter (m)
2	1.9
3	2.9
4	3.9
5	4.8
6	5.8

"Egyptian Palms" and "Wild Palms" Gobos come standard as 29mm. "Amorphous" Gobo comes standard as 34mm. Any gobo pattern, including custom, can be ordered up to 35mm in diameter as specified using the formula below:

Image display diameter ÷ Distance from fixture × 35 = Gobo pattern diameter (mm)

('Image display diameter' and 'Distance from fixture' must be in the same unit of measure.)

Example: If a display diameter of 2.1m is desired on a surface that is 3.2m from the fixture, you would need a Gobo pattern diameter of 23mm ($2.1\text{m} \div 3.2\text{m} \times 35 = 23\text{mm}$). Likewise for a display 6' across at a distance of 10', you would need a 21mm pattern ($6' \div 10' \times 35 = 21\text{mm}$).

*Formula assumes fixture is aimed perpendicular to display surface