

- Color Balance
- Low Scintillation
- Wide Viewing Angle
- High Tolerance of Ambient Light
- High Definition
- Low Retardation
- Single Element Screen



BOS-C is a single, thin, cell cast acrylic sheet with Blue Ocean® diffusion particles throughout the entire screen structure. The screen is cast with physical anti-reflective surface that completely eliminates all specular reflections (mirror reflections) on either side of the screen. BOS-C is excellent for all rear projection applications (home theater, exhibitions, public advertising, retail store displays, etc.) especially those where minimum weight and bending flexibility is crucial.

Additionally, the benefit of low retardation makes this range of screens well suited for polarization type 3D screens. Also, our new, thin shape, super high definition BOS-C can reproduce super fine pixel images.

### Screen Material

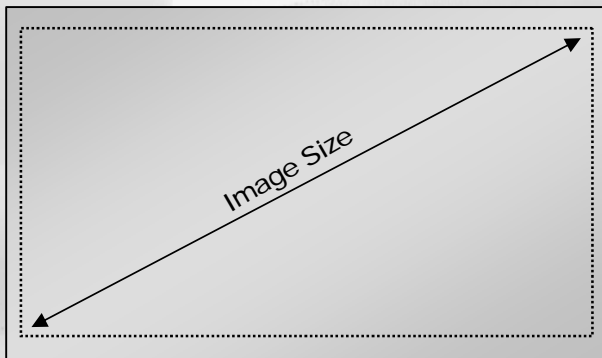
PMMA

### Finishes

Matte Finish on surface.

### Form of Screen

**BOS- has one center-hall at top of the screen and four loose-hole lined up near to the center-hall.  
Hole diameter and the distance between each hole vary with the screen size.**



### Specifications

#### 16:9 Aspect Ratio

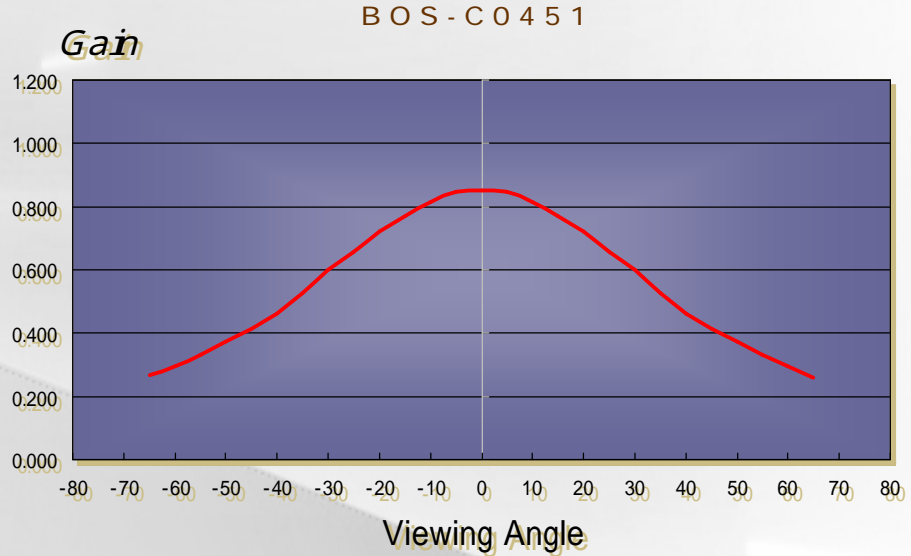
Screen Size	Screen Thickness	Screen Dimension	Image Area	Screen Weight
		Height x Width	Height x Width	
70"	2 (0.08)	920 x 1589 (36) x (63)	872 x 1550 (34) x (61)	4 (9)
80"	2 (0.08)	1040 x 1820 (41) x (72)	996 x 1771 (39) x (70)	5 (11)
100"	2 (0.08)	1290 x 2260 (51) x (89)	1245 x 2214 (49) x (87)	7 (15)

#### 4:3 Aspect Ratio

Screen Size	Screen Thickness	Screen Dimension	Image Area	Screen Weight
		Height x Width	Height x Width	
70"	2 (0.08)	1110 x 1470 (44) x (52)	1067 x 1422 (42) x (56)	4 (9)
80"	2 (0.08)	1260 x 1670 (50) x (66)	1219 x 1626 (48) x (64)	5 (11)
100"	3 (0.12)	1570 x 2080 (62) x (82)	1524 x 2032 (60) x (80)	12 (26)
120"	3 (0.12)	1870 x 2480 (74) x (98)	1829 x 2438 (72) x (96)	17 (37)

### Viewing Angle

Transmittance (%) 45.0  
 Peak Gain? 5? 0.85  
 1/2 Gain Angle 43  
 1/3 Gain Angle 62



\* Specification are subject to change at any time.

### Packaging Dimensions and weight of packing

All screens are packed and shipped individually in reinforced cardboard packaging, suitable for international shipment.

#### Cardboard packaging dimension and weight

\*Total Package Weight includes screen weight.

#### 16:9 Aspect Ratio

Screen Size	Total Package Thickness	Package Dimension	Total Package Weight	
		A x B	A/W	V/W
70"	45 (1.77)	1040 x 1710 (41) x (67)	12 (26)	13 (29)
80"	45 (1.77)	1160 x 1940 (46) x (76)	16 (35)	17 (37)
100"	45 (1.77)	1410 x 2380 (56) x (94)	33 (73)	25 (55)

#### 4:3 Aspect Ratio

Screen Size	Total Package Thickness	Package Dimension	Total Package Weight	
		A x B	A/W	V/W
70"	45 (1.77)	1230 x 1590 (48) x (63)	13 (29)	15 (33)
80"	45 (1.77)	1380 x 1790 (54) x (70)	24 (53)	19 (42)
100"	45 (1.77)	1690 x 2200 (67) x (87)	37 (81)	28 (62)
120"	45 (1.77)	1990 x 2600 (78) x (102)	41 (90)	39 (86)

\*A/W = Actual Weight  
 V/W = Volume Weight

