



The dnp Supernova Blade is an elegant, frameless front projection screen that is ideal for use in meeting rooms, retail stores and residential applications. Only 3,5 mm thick and available in sizes up to 120" in 16: 9 and 110" in 16:10, it meets modern customers' demand for flatter, wider screens which maximise image size while reducing the space requirement of the overall installation.



dnp optical front projection screens

The screen's clean look and slim-line format suit modern architecture and interiors perfectly. At the same time, the dnp Supernova Blade performs superbly, providing a great viewing experience, even in brightly lit environments.

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Made with ISF-certified Supernova 08-85 or with 23-23 material, dnp Supernova Blade has a built-in optical filter which absorbs ambient light and boosts contrast. The result is vivid, sharp images with up to 7 times higher contrast than conventional front projection screens. The screen's light-absorbing capabilities eliminate the need for a dedicated darkened room and thus extend the opportunities for quality viewing into a much broader range of environments. There is no need to draw the blinds in meeting rooms, and in home entertainment installations, there is no need to wait until after dark to start the movie.

Flexible and easy installation

The Supernova Blade is easy to install and can be mounted in two ways: either hung on the wall or suspended from the ceiling. When wall-mounted, its super-slim format gives the effect of a 'window on the world'; when suspended from the ceiling by almost invisible wires, the effect is even more dramatic. It appears to be floating in mid-air. Besides being

aesthetically pleasing, the screen design is also space-saving - an additional advantage in retail situations, where every square metre counts. Supernova Blade is outfitted with fire-retardant aluboard for higher safety.

- > Frameless, space-saving design
- > Minimal screen thickness - only 3mm
- > Standard sizes up to 120" in 16: 9 and 110" in 16:10
- > Custom sizes available
- > Easy to install on wall or ceiling
- > Performs in brightly lit environments
- > Up to 7 times higher contrast than conventional front screens
- > ISF-certified screen material available
- > Compatible with all standard projectors
- > 4K compatible
- > Fire-Retardant aluboard

Application suitability	
Auditorium/sports arena	★ ★
Conference room	★ ★ ★ ★ ★ ★ ★
Control room	★ ★ ★
TV studio	★ ★ ★ ★
Advertising – in-store	★ ★ ★ ★ ★
Advertising – window display	★
Home entertainment – bright living room	★ ★ ★ ★ ★
Education	★ ★ ★ ★ ★ ★ ★

Product details									
Aspect ratio	16:9 format					16:10 format			
Screen size	92"	100"	110"	120"		92"	100"	110"	
Part no.	SN Blade 08-85	515 11 092 1	515 11 100 1	515 11 110 1	515 11 120 1	515 11 092 3	515 11 100 3	515 11 110 3	
	SN Blade 23-23	515 13 092 1	515 13 100 1	515 13 110 1	515 13 120 1	515 13 092 3	515 13 100 3	515 13 110 3	
Image area (= outer dimensions)									
Width	mm	2037	2214	2435	2657	1982	2154	2369	
Height	mm	1146	1245	1370	1494	1239	1346	1481	
Width	inch	80.2	87.2	95.9	104.6	78.0	84.8	93.3	
Height	inch	45.1	49.0	53.9	58.8	48.8	53.0	58.3	
Shipping dimensions									
Length	mm	2133	2310	2531	2753	2078	2250	2465	
Width	mm	1242	1341	1466	1590	1335	1442	1577	
Height	mm	159	175	175	175	159	159	159	
Length	inch	84.0	90.9	99.7	108.4	81.8	88.6	97.1	
Width	inch	48.9	52.8	57.7	62.6	52.5	56.8	62.1	
Height	inch	6.3	6.9	6.9	6.9	6.3	6.3	6.3	
Weight									
Screen (net)	kg	14	17	21	25	15	18	22	
Shipping (gross)	kg	73	84	99	115	76	88	103	
Screen (net)	lbs	32	38	46	54	34	40	48	
Shipping (gross)	lbs	161	186	218	253	168	193	277	
Projection information (Supernova 08-85 screen material)									
Minimum lens throw ratio	ltr	1.5:1	1.5:1	1.5:1	1.5:1	1.5:1	1.5:1	1.5:1	
Minimum projection distance	mm	3055	3321	3653	3985	2972	3231	3554	
	ft	10.0	10.9	12.0	13.1	9.8	10.6	11.7	
Projection information (Supernova 23-23 screen material)									
Minimum lens throw ratio	ltr	1.8:1	1.8:1	1.8:1	1.8:1	1.8:1	1.8:1	1.8:1	
Minimum projection distance	mm	3666	3985	4383	4782	3567	3877	4265	
	ft	12.0	13.1	14.4	15.7	11.7	12.7	14.0	

Subject to change without notice. Please check specification at time of ordering.

General information			
Available screen material		08-85	23-23
Peak gain		0.8	2.3
Horizontal half-gain angle	°	85	23
Lens pitch	micron	65	65
Mounting options		Ceiling	Wall
Steel wire thickness	Ø, mm	1.5	-
Standard steel wire length	m	5.0 (x2)	-
	feet	16.4 (x2)	-
Distance to wall	mm	-	20
	inch	-	0.80
Screen panel information			
Thickness	mm	3.5	
	Inch	0.14	
Maximum bow	%	0.3	
ASTM E 84 fire rating		Class 2/B	
Operating environment			
Temperature	°C	10-40	
	°F	50-104	
Humidity (non-condensing)	%RH	10-70	
Included in the package			
Screen, gloves, mounting accessories, installation manuals			
Compatibility/Certificates		Awards	



dnp optical screens have won numerous awards including the Best Buzz Award at InfoComm, Honoree Awards at CES and the Excite award at CEDIA US 2007.

7 layers for up to 10 times more contrast

The Supernova Screen is made up of 7 high-tech layers that actively ensure a superior viewing experience. Layers include:

- > Unique optical lens film to reduce the impact of ambient light and ensure better image contrast.
- > Technologically advanced reflection layer for revolutionary half-gain angles up to +/- 85°.
- > Black colour layer that sets new standards for colour reproduction.
- > Hard surface coating for screen scratch resistance and easy handling and a no-shimmer image.

These unique properties have earned Supernova 08-85 screen material ISF approval.

