



Only Cinemascope counts! So why bother with masking systems for other image formats? The curved Supernova Epic CS is for dedicated movie fans who like to watch their films in the intended format and with the ISF-approved 08-85 screen material they get the highest image quality possible. No more, no less!



dnp optical front
projection screens

The Supernova Epic CS is the “director’s cut” version of dnp’s award-winning Supernova Epic Screen. The screen is optimized to deliver a perfect viewing experience with movies in Cinemascope format (2.40:1) using projectors with a fixed lens system. Featuring the same revolutionary optical technology as the Supernova Epic Screen, this screen differs in that it has a fixed display format and therefore has neither masking system nor curtains.

Created using award-winning optical screen technology, the Supernova Epic CS features high-contrast filters that enable optimal reflection of the projected image. The screen renders images in completely neutral colour for superior, realistic colour reproduction and has a completely passive, shimmer-free surface so you only see the projected image, not the texture of the screen.

The perfectly curved screen prevents pincushion distortion and enhances both the perceived depth and uniformity of the image.

The result? A captivating cinema-like viewing experience – almost as if you were surrounded by the movie! Supernova Epic CS comes in sizes from 96” to 156”.

- > Award-winning optical front projection technology
- > Optimized for Cinemascope format (2.40:1)
- > Curved screen for enhanced viewing experience
- > Superior performance in both dark and bright rooms
- > Supreme black levels
- > Completely colour neutral, shimmer-free screen
- > Excellent brightness uniformity
- > Black velvet frame
- > ISF-certified screen material

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

dnp Supernova™ Epic CS Specifications

Product details

Aspect ratio		96"	108"	120"	132"	144"	156"
Screen size (in 2.40:1 format)							
Image area							
Width	mm	2251	2532	2814	3096	3376	3658
Height	mm	938	1055	1172	1290	1407	1524
Width	inch	88.6	99.7	110.8	121.8	132.9	144.0
Height	inch	36.9	41.5	46.2	50.8	55.4	60.0
Screen dimensions (including frame)							
Width	mm	2443	2725	3008	3288	3570	3853
Height	mm	1118	1235	1352	1470	1587	1704
Depth	mm	182	202	224	212	232	252
Width	inch	96.2	107.3	118.4	129.4	140.6	151.7
Height	inch	44.0	48.6	53.2	57.9	62.5	67.1
Depth	inch	7.2	8.0	8.8	8.3	9.1	9.9
Curving radius							
R	m	9.1	9.1	9.1	12.2	12.2	12.2
R	ft	30.0	30.0	30.0	40.0	40.0	40.0
Shipping dimensions (assembled)							
Length	mm	2550	2840	3120	3400	3680	3960
Height	mm	1230	1350	1460	1580	1700	1810
Width	mm	380	400	420	410	430	450
Length	inch	100.4	111.8	122.8	133.9	144.9	155.9
Height	inch	48.4	53.1	57.5	62.2	66.9	71.3
Width	inch	15.0	15.7	16.5	16.1	16.9	17.7
Weight (approximate)							
Screen (net)	kg	33	37	40	44	48	52
Shipping, assembled (gross)	kg	115	145	175	205	235	265
Screen (net)	lbs	73	82	88	97	106	115
Shipping, assembled (gross)	lbs	254	320	386	452	518	584
Projection information							
Minimum lens throw ratio	ltr	1.5:1	1.5:1	1.5:1	1.5:1	1.5:1	1.5:1
Minimum projection distance*	mm	2501	2814	3126	3439	3751	4064
	ft	8.2	9.2	10.3	11.3	12.3	13.3

*) Projection distance is based on 16:9 image width

Screens available in customized sizes on request.
Subject to change without notice. Please check specification at time of ordering.

dnp Supernova™ Epic CS **General information**

General information

Available screen material		o8-85
Peak gain		0.8
Horizontal half-gain angle	°	85
Lens pitch	micron	65

Frame

Standard frame designs		Black velvet
Top-/Bottom width	mm	90
Left-/Right width*	mm	90
Depth	mm	65
Top-/Bottom width*	inch	3.5
Left-/Right width	inch	3.5
Depth	inch	2.6

*Different width for alternate format. Ask your dealer.

Operating environment

Temperature	°C	10-40
	°F	50-104
Humidity (non-condensing)	%RH	10-70

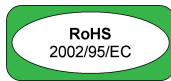
Included in the package

Screen, wall mount bracket

Optional

Floor stand, wider side-frame-pieces for alternate fixed format (down to 2.35:1)

Certificates



o8-85 Screen material

Awards

dnp optical screens have won numerous awards including the Best Buzz Award at InfoComm in 2005 and 2006, Honoree Awards at CES in 2006, 2007 and 2008, and the Exclte award at CEDIA US 2007.

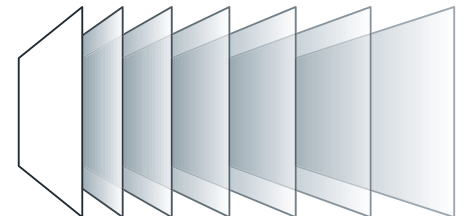


7 layers for up to 10 times more contrast

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 thereby 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 o8-85 screen material ISF approval. 



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> dnp denmark as
Skuegangen 2
DK-2690 Karlslunde
Denmark

> Phone +45 4616 5100
Fax +45 4616 5200
www.dnp.dk
dnp@dnp.dk


visual experience