Luminit®
LIGHT SHAPING SOLUTIONS

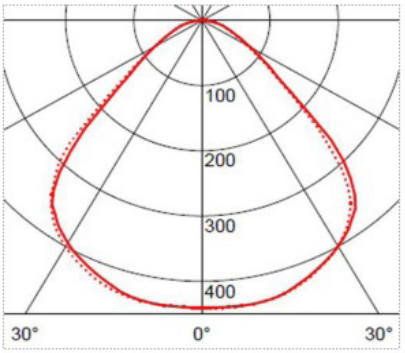
Light Shaping Glare Control Film

Luminit's Light Shaping Glare Control Film suppresses high angle rays to significantly reduce glare from LED light fixtures. Ideal for hospitals, lobbies, offices, and other spaces where glare control is essential, our Light Shaping Glare Control Film can be combined with a Luminit diffuser to create a more uniform appearance in addition to reducing unwanted glare.

Glare-free Luminous Flux*:	**7000lm**
Unified Glare Rating (UGR):**	**<19**
Transmission (380 - 780NM):	**90%**

*** MAX. LUMINOUS FLUX FOR LUMINANCE <= 3000CD/M2 AND FOR ANGLES > 65°**
**** 4H 8H (20%, 50%, 70%) @ 7000 LM**
(MEASUREMENT CONDITIONS: 580 MM X 580 MM LUMINOUS SURFACE, LAMBERTIAN INPUT IN FOIL)

OPTICAL PERFORMANCE DATA REFERS TO TYPICAL VALUES; THEY VARY GREATLY DEPENDING ON LUMINAIRE DESIGN. RESULTS SHOWN WERE MEASURED USING A TEST FIXTURE WITH LAMBERTIAN LIGHT SOURCE IN A GONIOPHOTOMETER.



All specifications contained herein are subject to change without notice.

Material	Micro-structured PET foil**	
Dimensions	Width: Up to 150mm Thickness: 0.33 – 0.4 mm (customizable) Length: standard: 270m (endless/seamless)	
Average Linear Thermal Expansion Coefficient Range of 30° to 80°C (µm*m-1*°C-1)	Machine Direction:22 Traverse Direction: 16	
UV Stability **Color change after 0.34 kWh/m2 (@ 340 nm)** **Black Panel Temperature during illumination @60°C** **DIN EN ISO 4892-1 Okt16** **DIN EN ISO 4892-3 Okt16**	Δa < 0.5 Δb < 1.0 ΔYi < 2.0	
Bend Radius [mm] 0.34 kWh/m2 @ 340 nm **(DIN EN ISO 1519 DE)**	Before aging After aging	10 10
Temperature Range	-40°C up to +80 °C	
Glow Wire Flammability IEC 60695 -2-12	650°C	
Transmittance	95.5	