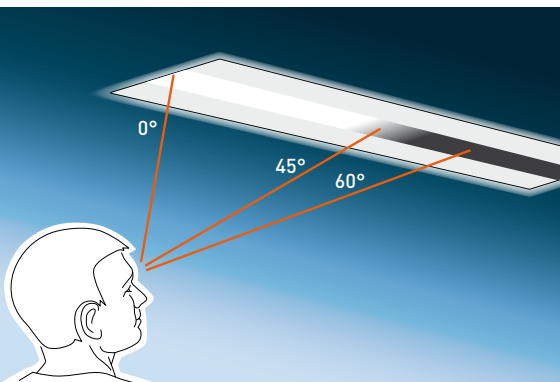
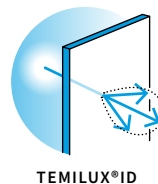


temilux®ID linear film

For glare free and highly efficient linear luminaires

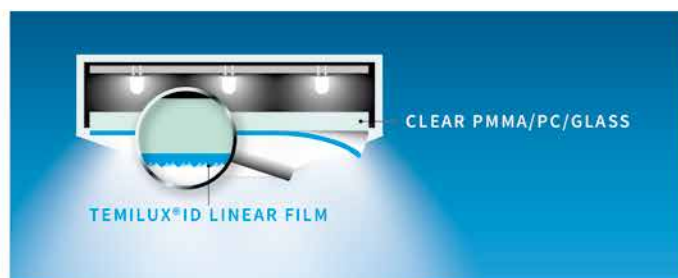


Best-In-Class invisible glare reduction thanks to our expertise in high resolution micronano-technology. Thin, seamless and endless film offers new luminaire design opportunities like seamless continuous and extremely flat light lines.

temilux ID linear can be combined with our additional diffuser film in order to obtain a glare-free, smooth, homogeneous and aesthetic luminaire appearance.



temilux®ID linear film with microstructures facing away from LEDs (inside)



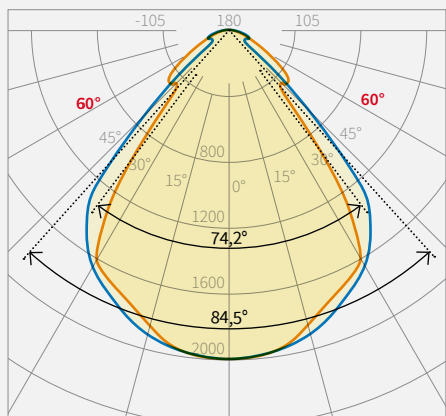
temilux®ID linear film clipped or laminated* (outside the luminaire)

Advantages

- Seamless
- Invisible micro pattern
- Excellent glare reduction
- Highest reachable efficiency
- Very thin: Only 210 µm
- New Design Opportunities
- Easy assembly

Technical specifications

Material	PET
Thickness	approx. 0.21 mm (0,008“) or 0.33 mm (0,013“)
Dimensions	up to 1000mm (40.80“) width x roll
Structure resolution	invisible to the human eye
Transmission D ₆₅	92 %
Hiding-Ratio:	LED Pixel Pitch/Working distance to prisms < 1 when combined with a diffuser
Excellent glare control	according to DIN EN 12464-1
No color shift	
Temperature Range	-40°C (-40°F) up to +100°C (212°F)
Weight (g/m ²)	for thickness 0,21mm (0.008“) = 300 g/m ² (0.661 lbs/sqft) for thickness 0,33mm (0,013“) = 400 g/m ² (0.882 lbs/sqft)
ROHS/REACH	compliant



*Lamination = requires temilux ID pure film + OCA (Optical Clear Adhesive), laminated at temicon on the non-textured side of temilux ID pure film. With cold lamination process, the customer laminates this film on his substrate (PMMA, PC or glass). Cold lamination presupposes a process temperature between 20 and 30°C, 1 bar contact pressure and 3 to 5 meters per minute process speed.



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