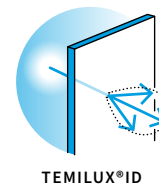


# temilux®ID pure plate

## The invisible glare control of light

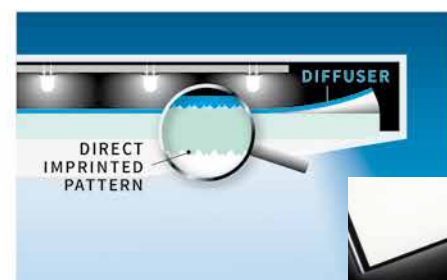


Best-In-Class invisible glare reduction thanks to our expertise in high resolution micronano-technology. Two functions in one product, protection against accidental contact with electrically active components and protection against glare integrated. temilux ID pure can be combined with our additional diffuser film SME-C45 in order to obtain a glare-free, smooth, homogeneous and aesthetic luminaire appearance.

temilux®ID pure (sample on desk) and combined with diffuser SME-C45 (pendant luminaire)



temilux®ID pure plate



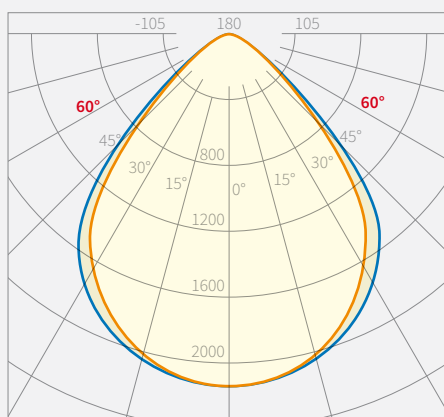
temilux®ID pure plate combined with diffuser SME-C45

### Advantages

- Invisible micro pattern
- Excellent glare reduction
- Highest reachable efficiency
- Attractive appearance (opal)
- New Design Opportunities
- Easy assembly

### Technical specifications

Material	PMMA
Thickness	approx. 1.5 mm (0.06"), 2.0 mm (0.08"), 3.0 mm (0.12")
Dimensions	up to 630 mm (24.80") x 1500 mm (59")
Structure resolution	invisible to the human eye
Transmission D <sub>65</sub>	92 %
Hiding-Ratio	LED Pixel Pitch/Working distance to temilux ID pure film < 1
Excellent glare control	according to DIN EN 12464-1 Light flux / 4000 lm: UGR 17 Light flux/ 5500 lm: UGR 19
No color shift	acc. report DIAL 2092006.001
Temperature Range	-40°C ( 80°F) up to +80°C (176°F)
Glow wire test	passed acc. to DIN EN 60695-2
Weight	for thickness 2.0 mm (0.08")= 2502 g/m <sup>2</sup> (5.52 lbs/sqft)
ROHS/REACH	compliant



Example measurement of a 1200 mm x 300 mm sized luminaire (Belvisio, Trilux) with temilux® ID pure combined with a diffuser



temicon GmbH  
Konrad-Adenauer-Allee 11  
44263 Dortmund  
Germany

+49.231.47730-550  
+49.231.47730-555

temicon GmbH  
Wiesentalstraße 29  
79115 Freiburg  
Germany

+49.761.137 3155-0  
+49.761.137 3155-66

sales@temicon.com  
www.temicon.com

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