

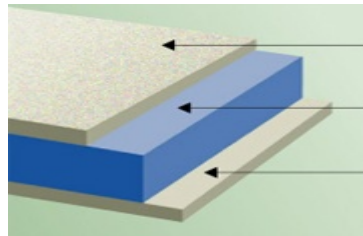
TECHNICAL DATA SHEET

KIMOTO

LIGHT-UP 100 SP6F

1. Structure

Front



Diffusion Coating

PET

Back coating
& Anti Static
(Glossy side)

Back

2. Recommended applications

- ◆ For Upper Diffuser with a Downward prism sheet.
- ◆ For Upper Diffuser with a prism sheet.

3. Properties

(1) Mechanical Properties

		Unit	Result	Test Method
Total Thickness		μm	114 μm	JIS K7130
Total Light Transmittance	Front Back	%	94.0%	JIS K7105
	Back Front		94.0%	
HAZE	Front Back	%	67.0%	
	Back Front		67.0%	
Thermal coefficient		cm/cm/	2.6×10^{-5}	JIS K 7197
Thermal stability	MD	%	-0.13	JIS C2318 (100 30min.)
	TD		-0.03	
Electrical Surface Resistivity	Front	/	10^{10}	JIS K6911
	Back			

(2) Stabilities

	TLT	HAZE	Test Method
Before Test	94.0%	67.0%	JIS K7105 Front Back
High Temperature & Humidity (60 , 90%Rh , 500h)	94.0%	67.0%	
High Temperature (80 , 500h)	93.9%	66.9%	
Low Temperature (-20 , 500h)	93.9%	66.9%	
Heat Cycle(-20 ~ 25 ~ 70 ~ 25 , 30min./ea × 100cycle)	93.9%	66.8%	
UV Resistance (Fade Meter , 200h)	93.8%	66.9%	

The test data represented in this document is for reference only and should be regarded as a guideline for use.