

Functional Color **Optical Diffusion**

Possible for changing both clear and diffusing color by switching on and off the LED



1. Material Optical Properties

Total Luminous Transmittance, Haze

Haze,
Total Luminous
Transmittance (τT)

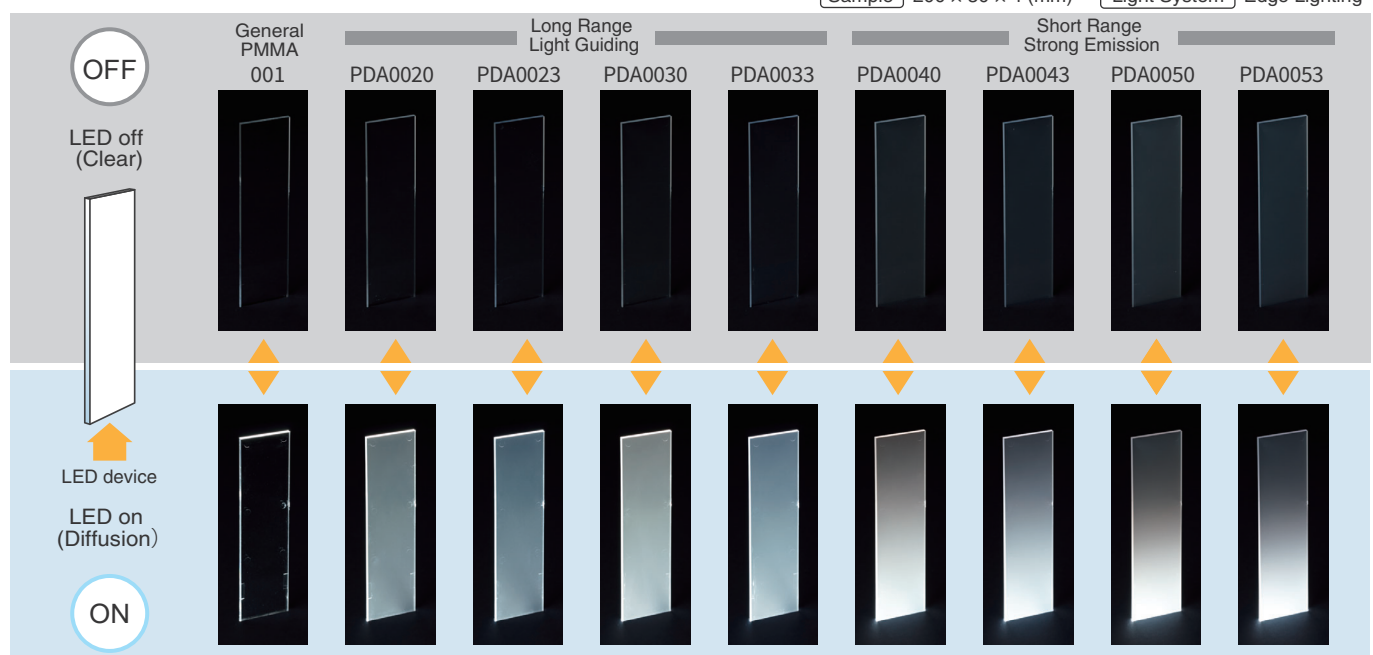
Haze Meter (Model : HM-100 Murakami Color&Reserch Laboratory)
JIS-K7361-1 (Total Luminous Transmittance Method)
JIS-K7136 (Haze Method)

Color No.	Bluing Treatment	Effect	Total Luminous Transmittance (4mm)	Total Luminous Transmittance (2.5mm)	Haze (4mm)	Haze (2.5mm)
001	×	General PMMA	92.5	—	0.2	—
PDA0020	×	Long Range Light Guiding	91.0	91.7	1.6	1.5
PDA0023	○		90.6	91.5	1.9	1.5
PDA0030	×		89.8	91.2	3.2	2.6
PDA0033	○		89.4	90.8	3.1	2.5
PDA0040	×	Short Range Strong Emission	85.3	88.8	9.5	6.7
PDA0043	○		85.1	88.2	9.3	6.3
PDA0050	×		81.3	86.0	15.7	10.8
PDA0053	○		81.3	85.7	15.3	10.7

*The shown values are measured values, not standard values.

2. Appearance

Sample 200 × 50 × 4 (mm) Light System Edge Lighting



Luminance Measurement

*The shown values are measured values, not standard values.

ACRYPET™

