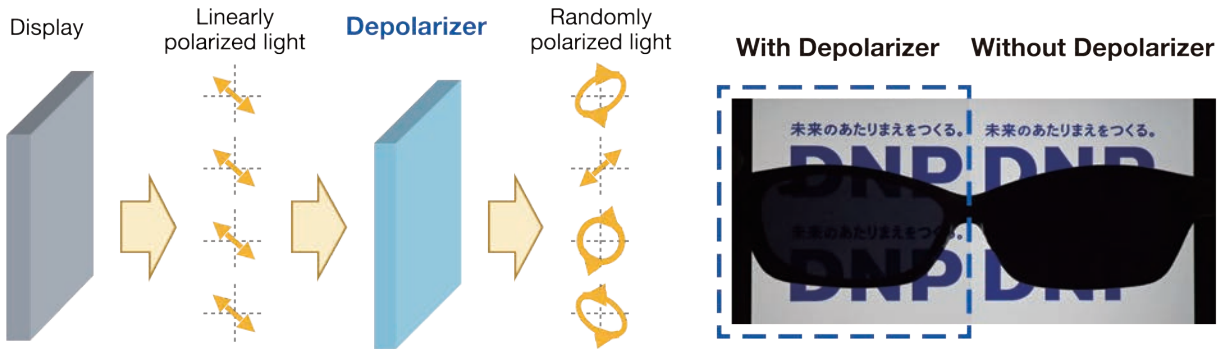


Depolarizer

DNP

SUMMARY AND ADVANTAGES

- The depolarizer converts linearly polarized light to randomly polarized light
- Improves visibility of display while using polarized sunglasses



FEATURES

	Depolarizer-A (Coating Type)	Depolarizer-B (Adhesive Type)	Quarter Wave Plate	High Retardation PET Film
Function	Depolarization	Depolarization	Quarter Wave	High Retardation
Polarization State	Random	Random	Circular	Semi Random
Thickness (μm)	2	25-50	1	80
Status	Development	Development	Mass Production	Mass Production
Roll to Roll ¹⁾	Yes	Yes	Yes	No (Sheet) ³⁾
Neutral Color ²⁾	Yes	Yes	No	Yes

1): Roll to roll lamination with PVA

2): Color change between crossed Nicols and parallelled Nicols

3): The depolarization effect is lost during roll to roll fabrication

APPLICATIONS

Sunglasses friendly displays

It eliminates blackout without rainbow mura issue

- Digital Signage Display
- Automotive Display
- Mobile/Wearable Display

CONTACT

Dai Nippon Printing Co., Ltd.

Shaun Kaneda | kaneda-s@dnp-g.com | (415) 940-5697