E Ink Prism™

Color changing film for architecture & design

E Ink Prism™ creates unique architectural experiences like never before. Manufacturers and designers now have the ability to integrate E Ink technology with traditional architectural products to create dynamic walls, ceilings, furniture and habitats.

Bridge the gap between static and digital mediums. Transform airport terminals into living exhibits, expand the utility of corporate spaces and increase retail and trade show foot traffic. Prism enables endless experiential designs through a combination of changing colors, patterns and user-defined programs.

Prism is rugged and flexible which enables manufacturers and fabricators to cut, shape and integrate with a wide variety of substrates. Its low power consumption reduces or eliminates the need for electrical outlets and enables alternative options such as batteries and photovoltaic cells.

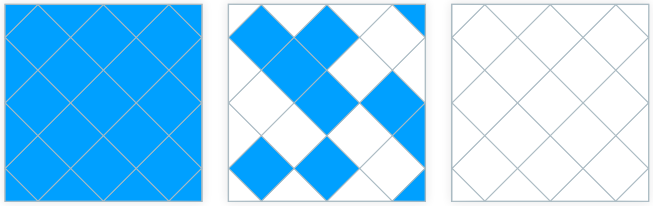
E Ink®

Specifications

Product Details	
Shapes	Customer Defined
Minimum Bend Radius	5” (130mm)
Viewable Sides	One or Two-Sided
Laminate Material	PET
Switching Voltage	±15 volts
Power Consumption: switch/sec*	2.4 W/m^2
Power Consumption: switch/min*	0.04 W/m^2
Operating Temperature	10 to 40˚C
Storage Temperature	-25 to 70˚C

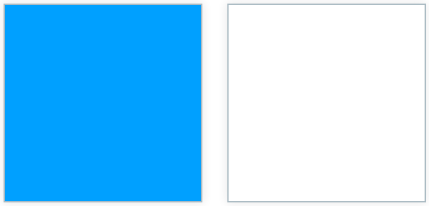
*Estimated values and can vary by installation. Based on Pulse Mode and film only.
Excludes power consumption of electronic controls.
Operating conditions: 25˚C at 50% RH (+/-5%).

Segmented Format	
Size	≤ 15”(380mm) x 23”(584mm)
Transition Time	1, 3, & 5 seconds per segment
Transition Type	Pulse

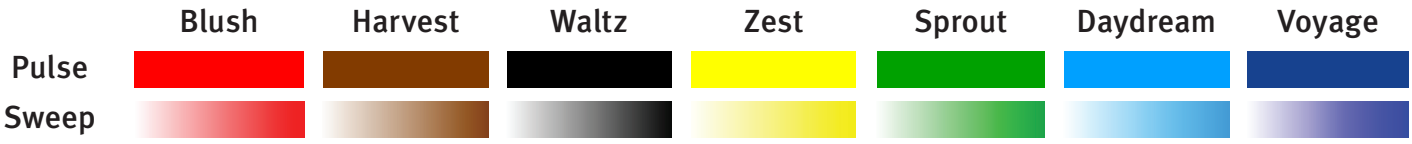


*Example design shown

Sheet Format	
Size	≤ 2’(610mm) x 8’(2438mm)
Transition Time	1, 3, & 5 seconds per sheet
Transition Type	Pulse or Sweep



Colors



Applications

Version 2018/02