

E Ink Prism™

Color changing film for architecture and design

Programmable Colors and Patterns

Rugged and Flexible

Low Power Consumption

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.

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

Prism is rugged and flexible allowing 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/or photovoltaic cells.

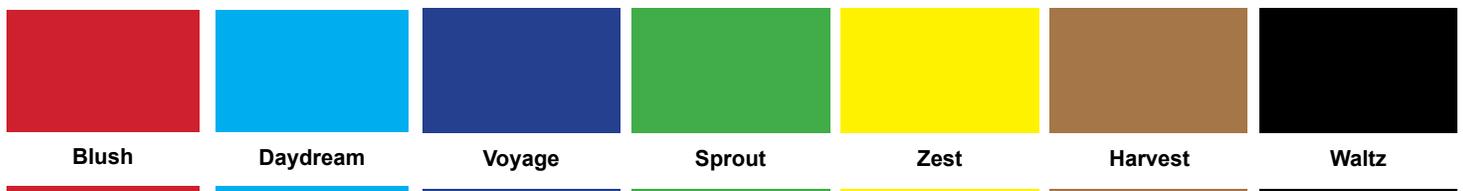
Eink®

Specifications

Parameter	Segmented Format	Sheet Format	
Sizes	< 15" (380mm) x 23"	24" (610mm) x 24" (610mm) 24" (610mm) x 48" (1219mm) 24" (610mm) x 96" (2438mm)	36" (914mm) x 24" (610mm) 36" (914mm) x 48" (1219mm) 36" (914mm) x 96" (2438mm)
Shapes	Customer Defined	Customer Defined	
Bend Radius	5" (130mm)	5" (130mm)	
Viewable Sides	One-Sided	One or Two-Sided	
Laminating Surface Material	PET	PET	
Switching Voltage	±15 volts	±15 volts	
Power Consumption*			
Switching Every Second	2.4 w/m ²	2.4 w/m ²	
Switching Every Minute	0.04 w/m ²	0.04 w/m ²	
Transition Times	1, 3, & 5 seconds (per segment)	1, 3, & 5 seconds (per sheet)	
Transition Mode	Pulse	Pulse or Sweep	
Operating Temp.	10 to 40 °C	10 to 40 °C	
Storage Temp.	-25 to 70 °C	-25 to 70 °C	

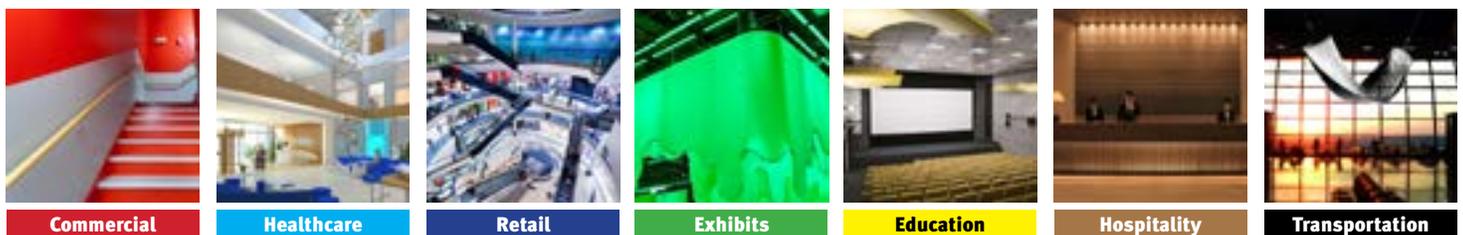
*Estimated values and can vary by installation. Based on Pulse Mode and film only. Excludes power consumption of electronic controls. Operating conditions: 25 °C at 50% RH (+/-5%)

Available Colors



For more detailed color information, please contact E Ink

Applications



REV: 6/2017

E Ink reserves the right to make changes in design or specification at any time and without notice. For additional information, please contact sales@eink.com

www.eink.com/prism
E Ink Holdings