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# iColor Accent MX Powercore

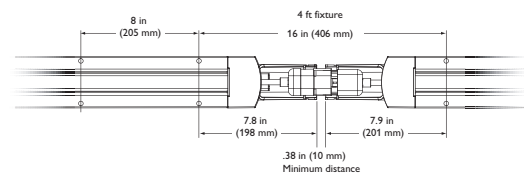
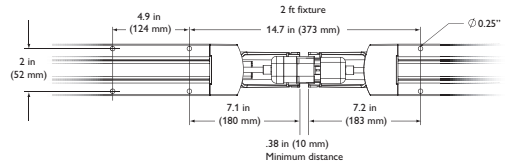
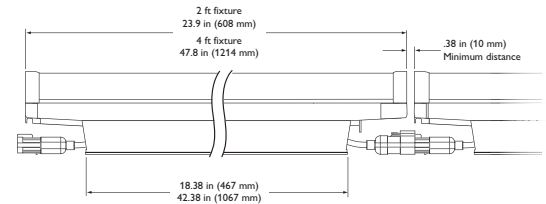
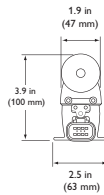
Precision-controlled direct-view linear exterior LED fixture with intelligent color light

iColor Accent MX Powercore is a direct view linear LED fixture ideally suited for creating long ribbons of color and color-changing effects. Variable resolution offers the precision to display large-scale video, graphics, and intricately designed effects in a host of architectural, retail, and entertainment settings. iColor Accent MX Powercore offers the efficiency and cost-effectiveness of Powercore technology in an outdoor-rated, road-ready aluminum housing.

- Integrates patented Powercore technology — Powercore technology rapidly, efficiently, and accurately controls power output to fixtures directly from line voltage. The Philips Data Enabler Pro merges line voltage and control data and delivers them over a single cable, dramatically simplifying installation and lowering total system cost.
- Native, onboard Ethernet — Fixtures accept Ethernet input from the Data Enabler Pro to support long control runs not subject to DMX data and addressing limitations.
- Precise resolution control — 2 ft and 4 ft lengths are easily connected to create long, continuous columns of intense, dynamic color. Fixtures can be addressed and controlled in increments down to 1.2 inches (30 mm), or up to 4 ft (1.2 m).
- Exceptional viewing angles — The diffused plastic lens, specifically designed for direct viewing, provides exceptional viewing angles and ensures uniform color mixing.
- Rugged, durable construction — This IP66-rated fixture is designed to meet the taxing requirements of outdoor and entertainment applications. The extruded aluminum housing

resists shock, vibration, and other forms of rough handling.

- Flexible positioning — Over-molded, end-to-end locking connectors supply both power and data. Connectors can make 180° turns for easy layout. Jumper cables of 1 ft (305 mm), 2 ft (610 mm), 5 ft (1.5 m), and 10 ft (3 m) can add extra space between fixtures.
- Industry-leading controls — Works seamlessly with the complete Philips line of controllers, including Video System Manager Pro, Light System Manager, and iPlayer 3, as well as third-party controllers.
- Universal power input range — Accepts a universal power input range of 100 to 240



VAC for consistent installation anywhere in the world. Each Data Enabler Pro can support multiple fixtures for creating long lines of video or ribbons of intricately changing color.

For detailed product information, please refer to the iColor Accent MX Powercore Product Guide at [www.philipscolorkinetics.com/ls/rgb/coloraccentmxpc/](http://www.philipscolorkinetics.com/ls/rgb/coloraccentmxpc/)



## Specifications

Due to continuous improvements and innovations, specifications may change without notice.

Item	Specification	2 ft	4 ft
Output	Viewing Angle	220°	
	On-Axis Candela	52	
	Lumens*	327 (4 ft fixture)	
	Lumen Maintenance†	50,000+ hours L50 @ 50° C (full output)	
	LED Channels	Red / Green / Blue	
Electrical	Input Voltage	100 – 240 VAC, auto-switching, 50 / 60 Hz via Data Enabler Pro	
	Power Consumption	10 W per foot maximum at full output, steady state	
Control	Interface	Data Enabler Pro (DMX / Ethernet)	
	Control System	Philips full range of controllers, including Video System Manager Pro, Light System Manager, and iPlayer 3, or third-party controllers	
Physical	Dimensions (Height x Width x Depth)	3.3 x 23.9 x 2.5 in (84 x 606 x 64 mm)	3.3 x 47.8 x 2.5 in (84 x 1213 x 64 mm)
	Weight	4.5 lb (2 kg)	9.3 lb (4.2 kg)
	Housing	Sealed plastic and extruded aluminum	
	Lens	Translucent plastic	
	Fixture Connections	Over-molded, integral male / female connectors	
	Temperature Ranges	-40° – 122° F (-40° – 50° C) Operating -4° – 122° F (-20° – 50° C) Startup -40° – 176° F (-40° – 80° C) Storage	
	Humidity	0 – 95%, non-condensing	
	Maximum Fixtures Per Data Enabler Pro	25	25
Certification and Safety	Certification	UL / cUL, CE	
	Environment	Dry / Damp / Wet Location, IP66	

\* Lumen measurement complies with IES LM-79-08 testing procedures.

† L50 = 50% lumen maintenance (when light output drops below 50% of initial output).

Ambient luminaire temperatures specified. Lumen maintenance calculations are based on lifetime prediction graphs supplied by LED source manufacturers. Calculations for white-light LED fixtures are based on measurements that comply with IES LM-80-08 testing procedures. Refer to [www.philipscolorkinetics.com/support/appnotes/lm-80-08.pdf](http://www.philipscolorkinetics.com/support/appnotes/lm-80-08.pdf) for more information.



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## Fixtures & Accessories

Item	Type	Item Number	Philips 12NC
iColor Accent MX Powercore	2 ft	123-000018-00	910503701068
	4 ft	123-000018-01	910503701069
Leader Cable <i>with terminator and strain relief</i>	50 ft (15.2 m)	108-000028-01	910503700086
Jumper Cable	1 ft (305 mm)	108-000029-03	910503700087
	2 ft (610 mm)	108-000029-06	910503700090
	5 ft (1.5 m)	108-000029-05	910503700089
	10 ft (3 m)	108-000029-04	910503700088
Data Enabler Pro	3/4 in / 1/2 in NPT (U.S. trade size conduit)	106-000004-00	910503701210
	PG21 / PG13 (metric size conduit)	106-000004-01	910503701211

Use Item Number when ordering in North America.



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