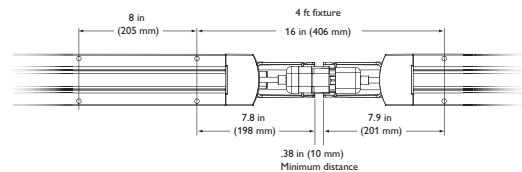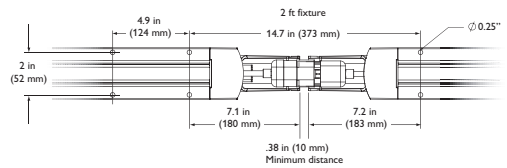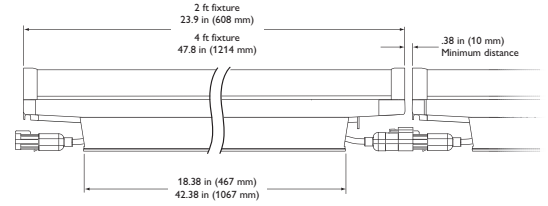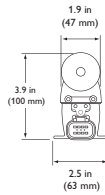# eW Accent MX Powercore

Precision-controlled direct-view linear exterior LED fixture with solid white light

eW Accent MX Powercore is a direct view linear LED fixture ideally suited for highlighting exterior architectural details with long ribbons of intense, high-quality white light. Variable resolution offers the ability to individually control the brightness of discrete segments of each fixture for black-and-white-only effects, video, and graphics.

• Integrates patented Powercore technology — Powercore technology rapidly, efficiently, and accurately controls power output to fixtures directly from line voltage. The Philips Color KineData Enabler Pro merges line voltage and control data and delivers them over a single cable, dramatically simplifying installation and lowering total system cost.

• Superior binning algorithm sets new standard for color consistency — eW Accent MX Powercore exceeds the recognized standards for color quality to guarantee uniformity and consistency of hue and color temperature across LED sources, fixtures, and manufacturing runs.

• 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 continuous columns of intense white light. 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 installations. 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 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 effects.

For detailed product information, please refer to the eW Accent MX Powercore Product Guide at www.philipscolorkinetics.com/ls/essentialwhite/ewaccentmxpc/

PHILIPS

Specifications

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

Item	Specification	2 ft	4 ft
Output	Color Temperature*	2700 K / 4000 K	
	Viewing Angle	220°	
	On-Axis Candela	58 (2700 K) / 88 (4000 K)	
	Lumens / 4 ft†	359 (2700 K) / 545 (4000 K)	
	Lumen Maintenance‡	50,000+ hours L50 @ 50° C (full output)	
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)	3.9 x 23.9 x 2.5 in (100 x 606 x 64 mm)	3.9 x 47.8 x 2.5 in (100 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	

* Color temperatures conform to nominal CCTs as defined in ANSI Chromaticity Standard C78.377A.

† 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 for more information.

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Fixtures & Accessories

Item	Type		Item Number	Philips 12NC
eW Accent MX Powercore	2700 K	2 ft	523-000058-00	910503701124
		4 ft	523-000058-01	910503701125
	4000 K	2 ft	523-000058-03	910503701127
		4 ft	523-000058-04	910503701128
Leader Cable *with terminator and strain relief*	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.