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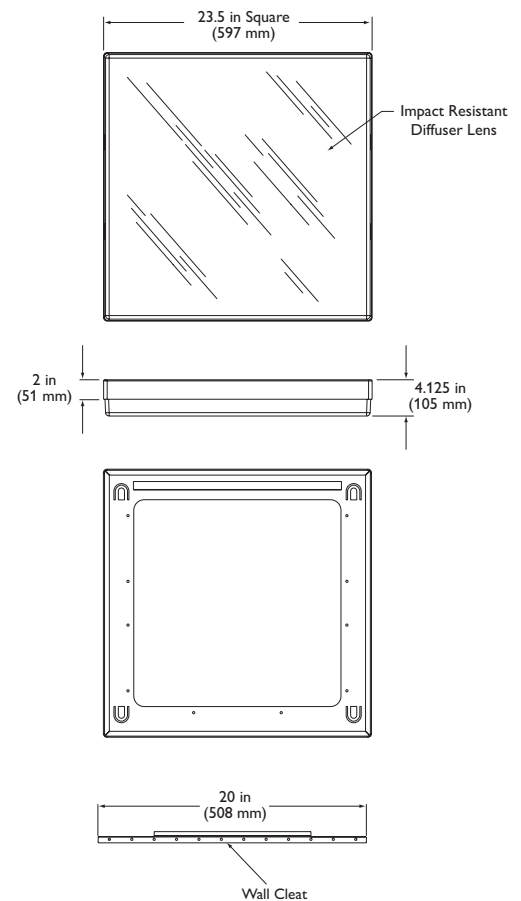
Project: \_\_\_\_\_

## iColor Tile MX

Precision-controlled direct-view interior LED panel with dynamic color light

iColor Tile MX is a full-color LED light panel for creating stunning light art and accents in a variety of surface-mounted and recessed applications. Each 23.5 x 23.5 in (597 x 597 mm) panel has 144 individually addressable nodes to enable an infinite variety of effects at an unprecedented level of fine-grained control and intricacy.

- An innovative canvas — With 144 individually addressable, high-intensity, full-color LED nodes, iColor Tile MX can serve as a canvas for creative lighting designs, effects, animation, and large-scale video displays.
- Seamless effects — iColor Tile MX is a base unit for indoor applications, ideal for wall and ceiling installations. Install behind a custom panel, or use the available impact-resistant, translucent white diffuser lens for seamless, uniform optical effects.
- Highly consistent color — Optibin, our proprietary binning optimization process, ensures optimal color consistency from fixture to fixture.
- Versatile mounting options — Designed for recess and surface mounting on walls or ceilings. Capable of retrofitting ceiling tiles. Standard leader cables of 25 ft (7.6 m), 50 ft (15.2 m), and 100 ft (30.5 m) let you position power / data supplies at an appropriate distance from fixtures.
- Industry-leading controls — Works with Philips full range of controllers, including Video System Manager, Light System Manager, iPlayer 3, or third-party DMX and Ethernet controllers.
- Quick setup for complex and large-scale installations — Each iColor Tile MX fixture offers a pre-configured, 12 x 12 grid of 144 LED nodes, with a fixed pixel pitch of 2 in (51 mm) on center. Fixtures can be installed flush to extend consistent pixel pitch across multiple tiles. Fixtures can be easily leveled



and installed using the included wall-mounting cleat or mounting through-holes in the fixture housing.

- Superior light output — Each iColor Tile MX fixture produces full-color light output of 599 nits.

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

# PHILIPS

## Specifications

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

Item	Specification	Details
Output	Lumen Maintenance*	50,000+ hours L50 @ 50° C (full output)
	LED Channels	Red / Green / Blue
Electrical	Input Voltage	7.5VDC via PDS-60ca and sPDS-60ca
	Power Consumption	62 W maximum at full output, steady state
	Power Factor	.98 @ 120 VAC
Control	Interface	sPDS-480ca 7.5V (Ethernet) PDS-60ca 7.5V (Pre-programmed or DMX / Ethernet)
	Control System	Philips full range of controllers, including Video System Manager Pro, Light System Manager, iPlayer 3, or third-party controllers
Physical	Dimensions (Height x Width x Depth)	23.5 x 23.5 x 2 in (597 x 597 x 51 mm), without lens
	Weight	23 lb (10.4 kg) Tile 5 lb (2.3 kg) Lens
	Housing	Sheet metal, white powder-coated finish
	Lens	Impact-resistant copolyester with carbon steel mounting hardware
	Fixture Connections	Integrated 3-pin connector
	Temperature Ranges	-4° – 122° F (-20° – 50° C) Operating ≥ 32° F (≥ 0° C) Handling -4° – 122° F (-20° – 50° C) Startup -22° – 185° F (-30° – 85° C) Storage
	Humidity	0 – 95%, non-condensing
	Maximum Fixtures Per Power / Data Supply	PDS-60ca 7.5V: 1 sPDS-480ca 7.5V: 8
Certification and Safety	Certification	UL / cUL, FCC Class A, CE
	Environment	Dry Location, IP20

\* 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 and Accessories

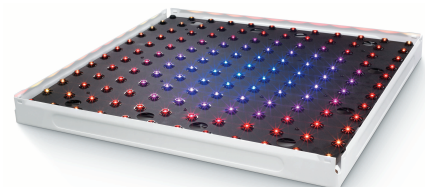
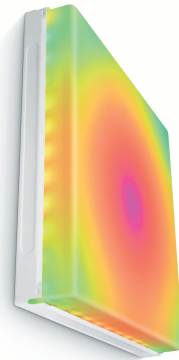
Item	Type	Item Number	Philips 12NC
iColor Tile MX	White	101-000071-00	910503701017
iColor Tile MX Lens	White Translucent	101-000044-00	910503700564
	Black 25 ft (7.6 m)	108-000045-00	910503700696
Leader Cables	Black 50 ft (15.2 m)	108-000045-01	910503700697
	Black 100 ft (30.5 m)	108-000045-02	910503700698
PDS-60ca 7.5V	Pre-programmed	109-000015-00	910503700093
	DMX / Ethernet	109-000015-03	910503700094
sPDS-480ca 7.5V	Ethernet	109-000022-00	910503700107

Use Item Number when ordering in North America.

## Photometrics

### Luminance (nits)

Lensing	On-Axis Candela	Viewing Angle
No lens	559 cd / m <sup>2</sup>	110°
Frosted lens	227 cd / m <sup>2</sup>	120°



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