



# iW Cove MX Powercore

## LS425XLED4--2700-6500 100-240V 50 WH

Cool white and warm white - 2700 to 6500 K - 50° x 70° - Beam angle 50° - Polycarbonate bowl/cover clear - 305 mm - White

iW Cove MX Powercore is a high-performance, white-light LED fixture that brilliantly illuminates alcoves and other interior spaces wherever adjustable color temperature is required. With three channels of warm, neutral, and cool LED sources, this compact, versatile fixture offers a wide range of color temperatures. With its rotating housing, flexible end-to-end locking power connectors, and wide and medium beam angles, iW Cove MX Powercore is the perfect choice for a wide range of retail, exhibit, hospitality, and architectural applications. Integrated Powercore technology ensures rapid, efficient and accurate control of power output to the fixture directly from line voltage, eliminating the need for external power supplies. Use of standard wiring dramatically simplifies installation and helps lower total system cost.

### Product data

General Information	
Lamp family code	LED4 [ LED Module 400 lm]
Light source colour	Cool white and warm white
Light source replaceable	No
Driver included	Yes
Optic type	50 [ Beam angle 50°]
Optical cover/lens type	PCC [ Polycarbonate bowl/cover clear]
Luminaire light beam spread	50° x 70°
Protection class IEC	Safety class I (I)
Glow-wire test	850/5 [ Temperature 850 °C, duration 5 s]
CE mark	CE mark
UL mark	
CCC mark	CCC mark
FCC mark	FCC Class B
Operating and Electrical	
Input voltage	100 to 240 V
Input frequency	50 to 60 Hz
Controls and Dimming	
Dimmable	Yes

# iW Cove MX Powercore

## Mechanical and Housing

Housing material	Aluminum die-cast
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Length	305 mm

## Approval and Application

Ingress protection code	IP20 [ Finger-protected]
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## Initial Performance (IEC Compliant)

Initial luminous flux	458 lm
Initial luminous flux at color temperature of 2700 K	136 lm
Initial luminous flux at color temperature of 4000 K	167 lm
Initial luminous flux at color temperature of 6500 K	187 lm
Initial LED luminaire efficacy	27.6 lm/W
Init. Corr. colour temperature	2700 to 6500 K
Init. colour rendering index	82
Initial input power	13 W

## Over Time Performance (IEC Compliant)

Lumen Maintenance 50% at 25°C	50000
Reported	

Lumen Maintenance 50% at 50°C	50000
Reported	
Lumen Maintenance 70% at 25°C	50000
Reported	

Lumen Maintenance 70% at 50°C	50000
Reported	

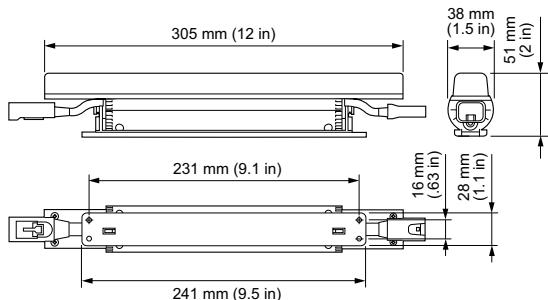
## Application Conditions

Ambient temperature range	-20 to +50 °C
Maximum dimming level	0% (digital)
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

## Product Data

Full product code	871794379649699
Order product name	LS425XLED4--2700-6500 100-240V 50 WH
EAN/UPC – product	8717943796496
Order code	79649699
Numerator – quantity per pack	1
Numerator – packs per outer box	20
Material no. (12NC)	910503701231
Net weight (piece)	0.480 kg

## Dimensional drawing



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2019, February 11 - data subject to change