



iColor Cove EC Powercore

LS520X RGB 100-277 110 L305

110° x 120° - Wide beam - 305 mm - Gray

iColor Cove EC Powercore is the most cost-effective member of the popular iColor Cove family. This compact fixture is designed for accent, perimeter, cove lighting, and backlighting where lower light intensity and lower costs are desired. iColor Cove EC Powercore combines professional-grade color mixing with the efficiency and cost-effectiveness of patented Powercore technology to bring color-changing light and lighting effects to alcoves, task areas, and other tight spaces. The integrated Powercore technology ensures efficient and accurate control of power output to fixtures directly from line voltage, eliminating the need for an external power supply. Contractor-friendly installation dramatically simplifies mounting and positioning and lowers total system cost.

Product data

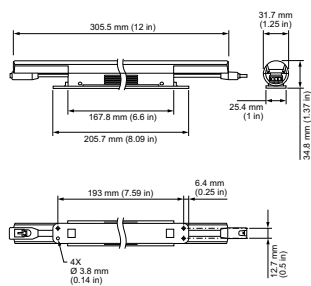
General Information		Flammability mark	
Lamp family code	LED-HB [LED High Brightness]	F [For mounting on normally flammable surfaces]	
Light source colour	RGB	CE mark	CE mark
Light source replaceable	No	UL mark	UL and cUL mark
Driver included	Yes	CCC mark	-
Optic type	WB [Wide beam]	FCC mark	FCC Class B
Optical cover/lens type	PC [Polycarbonate bowl/cover]	Operating and Electrical	
Luminaire light beam spread	110° x 120°	Input voltage	100 to 277 V
Connection	CI [Internal connector]	Input frequency	50 to 60 Hz
Protection class IEC	Safety class II (II)		
Glow-wire test	650/5 [Temperature 650 °C, duration 5 s]		

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Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Housing material	Plastic
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Length	305 mm
Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Initial Performance (IEC Compliant)	
Initial luminous flux	90 lm
Initial LED luminaire efficacy	25 lm/W
Initial input power	5 W
Over Time Performance (IEC Compliant)	
Lumen Maintenance 50% at 25°C Reported	100000
Lumen Maintenance 50% at 50°C Reported	80000

Lumen Maintenance 70% at 25°C Reported	100000
Lumen Maintenance 70% at 50°C Reported	45000
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	871829161600999
Order product name	LS520X RGB 100-277 110 L305
EAN/UPC – product	8718291616009
Order code	61600999
Numerator – quantity per pack	1
Numerator – packs per outer box	25
Material no. (12NC)	910503702809
Net weight (piece)	0.160 kg

Dimensional drawing



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