PHILIPS Lighting

ColorGraze MX4 Powercore

BCS559 10x60 RGBA L305

RGBA – 10° x 60° – 305 mm

ColorGraze MX4 Powercore is a high-performance, exterior linear luminaire designed to highlight architectural features ranging from surface textures and molding details to archways and windows. Graze RGBW luminaires add a separate white LED creating better-quality whites compared to RGB. Graze RGBA luminaires add a separate amber LED which expands the available range of colors to include warmer tones such as rich gold, yellow, and orange shades. Multiple fixture lengths, and beam angles support a large range of façade or surface illumination application. Low-profile housing, connectorized cabling, a universal power input range, and direct line voltage operation make Graze luminaires easy to install and operate.

Product data

General Information

Lamp family code	LED-HB [LED High Brightness]
Light source color	RGBA
Light source replaceable	No
Driver included	Yes
Optical cover/lens type	Polycarbonate bowl/cover
Luminaire light beam spread	10° x 60°
Protection class IEC	Safety class I
CE mark	CE mark
UL mark	UL and cUL mark

Operating and Electrical

Input Voltage	100 to 277 V
Input Frequency	50 to 60 Hz

Controls and Dimming

Dimmable	Yes

Mechanical and Housing

Housing Material	Aluminum extruded
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Length	305 mm

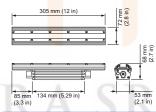## ColorGraze MX4 Powercore

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK10 [20 J vandal-resistant]
Vibration Standard	Complies with ANSI C136.31, 3G
Vibration Rating	Complies with ANSI C136.31, 3G

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	543 lm
Initial LED luminaire efficacy	27 lm/W
Initial input power	18.5 W

Over Time Performance (IEC Compliant)

Lumen Maintenance 50% at 25°C Reported	75000
Lumen Maintenance 50% at 50°C Reported	70000
Lumen Maintenance 70% at 25°C Calculated	100000
Lumen Maintenance 70% at 25°C Reported	70000
Lumen Maintenance 70% at 50°C Calculated	100000
Lumen Maintenance 70% at 50°C Reported	65000

Application Conditions

Ambient temperature range	-40 to +50 °C

Product Data

Full product code	871829161988899
Order product name	BCS559 10x60 RGBA L305
EAN/UPC – Product	8718291619888
Order code	910503704703
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	4
Material Nr. (12NC)	910503704703
Net Weight (Piece)	1.200 kg

Dimensional drawing

305 mm (12 in) · 72 mm (2.8 in) · 68 mm (2.7 in) · 85 mm (3.3 in) · 134 mm (5.29 in) · 53 mm (2.1 in)

Graze