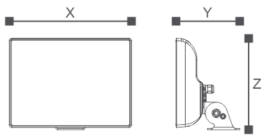


coma I
tunableWhite

The **coma I** is a high-performance LED spotlight designed specifically for the sophisticated illumination of building exteriors and architectural highlights. **With ten precise beam angles** and variable color temperatures ranging from 2700 K to 4000 K, the **coma I provides maximum flexibility** to meet diverse lighting needs.

A standout feature is its versatile control options, allowing precise lighting management. Whether through DMX, 0-10V, or IoT, the **coma I** seamlessly integrates into existing control systems, enabling dynamic lighting solutions tailored to your requirements.

Dimensions



Metric:
250 x 130 x 186 mm [X x Y x Z]
Imperial
9.85 x 5.12 x 7.33 in [X x Y x Z]

Technical Data

Luminous color	2200 K - 4000 K, 2700 K - 6500 K
Luminous flux	max. 2828 lm
Number of LED(s)	24 LEDs
Dimming	Integrated interface(s) / control: DMX, IoT
Housing	Aluminium die casting
Housing color	DB 703 metallic dark grey fine-textured, RAL 9003 Signal white fine-textured matt, RAL 9005 Jet black, fine-textured matt, RAL_ _ _ _,(fine-textured, matt)
Lens	Ultra clear, tempered safety glass
Weight	2.8 kg
Environment	Indoor, Outdoor
Ingress protection rating	IP65
Humidity	0 to 95%, non-condensing
Ambient temperature (Operation)	-40 °C to 40 °C | -40 °F to 104 °F
Ambient temperature (Storage)	-40 °C to 80 °C | -40 °F to 176 °F
Ambient temperature (Start-up process)	-25 °C to 40 °C | -13 °F to 104 °F
Lumen Maintenance [L70] @ 25 °C	65,000 h
Lumen Maintenance [L70] @ 40 °C	40,000 h
Impact protection rating	IK08
Electrical data	

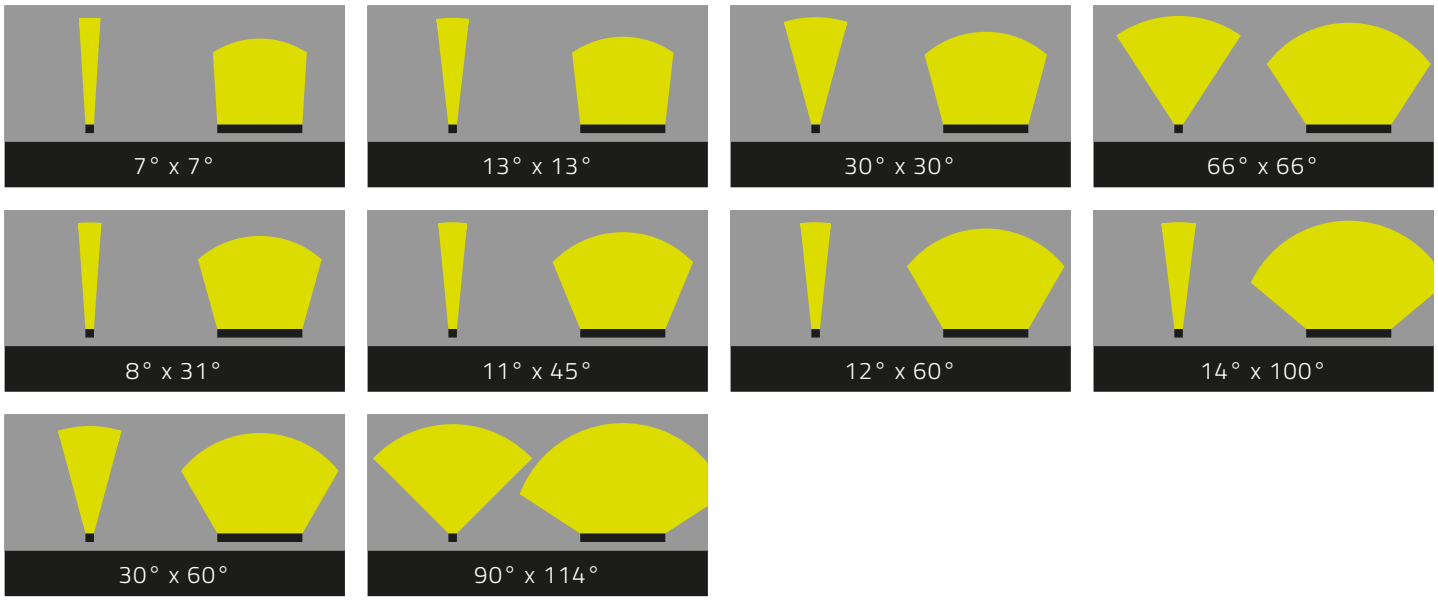
Integrated interface(s) / control: DMX, IoT	
Internal power supply	100 - 240, 277 VAC (50 - 60 Hz)
Power Consumption	45 W
Protection class	I
Inrush @ 230 V	55 A (Coldstart, t_{Width} = 265 µs measured at 50% I_{peak})
Inrush @ 110 V	27 A (Coldstart, t_{Width} = 265 µs measured at 50% I_{peak})
Power factor correction @ 230 V	> 0.95 @ max. Output
Power factor correction @ 110 V	> 0.98 @ max. Output
LED-Class	Class 2 LED-Product
Approbation	CE, ETL, FCC

Designed and Developed in Bavaria.
Made in Germany.

sales@biontechnologies.com
www.biontechnologies.com
Phone:
(DE) +49 8231 95787 0

All information without guarantee. Errors, changes and misprints excepted.

Beam Angles



sales@biontechnologies.com
www.biontechnologies.com

Phone:
(DE) +49 8231 95787 0

All information without guarantee. Errors, changes and misprints excepted.

Configurator

COM-L - (1)_____ - (2)_____ - (3)_____ - (4)_____ - (5)_____ -Y04

1 Luminous color	
TW8322 8340	2200 K- 4000 K
TW8327 8365	2700 K- 6500 K

2 Dimming	
DMX	DMX
IOT	IoT

3 Beam Angle	
7X7	7° x 7°
13X13	13° x 13°
30X30	30° x 30°
66X66	66° x 66°
8X31	8° x 31°
11X45	11° x 45°
12X60	12° x 60°
14X100	14° x 100°
30X60	30° x 60°
90X114	90° x 114°

4 Approbation	
CE	European Union
ETL	North America

5 Housing color	
DB703F	DB 703 metallic dark grey fine-textured
R9003F M	RAL 9003 Signal white fine-textured matt
R9005F M	RAL 9005 Jet black, fine-textured matt
R____F M	RAL____,(fine-textured, matt)

All information without guarantee. Errors, changes and misprints excepted.