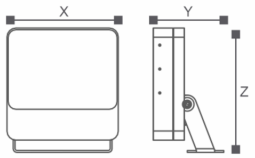


# firmus I hp
## Color Changing

The firmus luminaire range has a restrained, linear design. It is ideal for use in urban spaces such as public squares and the surrounding architecture, which are harmoniously highlighted without competing with the illuminated architecture. The appropriate light intensity can be selected from various output classes depending on the application and requirements. This scalability in terms of maximum luminous flux and the different, application-oriented light distribution curves makes the firmus luminaire range an indispensable tool for architects, lighting designers, and urban planners.

Only high-quality materials and components suitable for outdoor use are used for the firmus luminaires. In addition, the luminaire system has been developed to be future-proof, aiming for holistic sustainability.

## Dimensions




**Metric:**
305 x 193 x 338 mm [X x Y x Z]
**Imperial**
12.01 x 7.60 x 13.31 in [X x Y x Z]

## Technical Data

| | |
|---|---|
| Luminous color | RGBW3000K, RGBW4000K, RGBW6500K |
| Number of LED(s) | 12 LEDs |
| Dimming | Integrated interface(s) / control: 0-10 V, DALI, DMX, IoT |
| Housing | Aluminium die casting |
| Housing color | DB 703 metallic dark grey fine-textured, RAL_ _ _ _,(fine-textured, matt), RAL_ _ _ _, (smooth, matt) |
| Lens | Ultra clear, tempered safety glass |
| Environment | Indoor, Outdoor |
| Ingress protection rating | IP66 |
| 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: 0-10 V, DALI, DMX, IoT | |
| Internal power supply | 100 - 240, 277 VAC (50 - 60 Hz) |
| Power Consumption | 135 W |
| Protection class | III |
| LED-Class | Class 2 LED-Product |
| Approbation | CE, ETL, FCC |

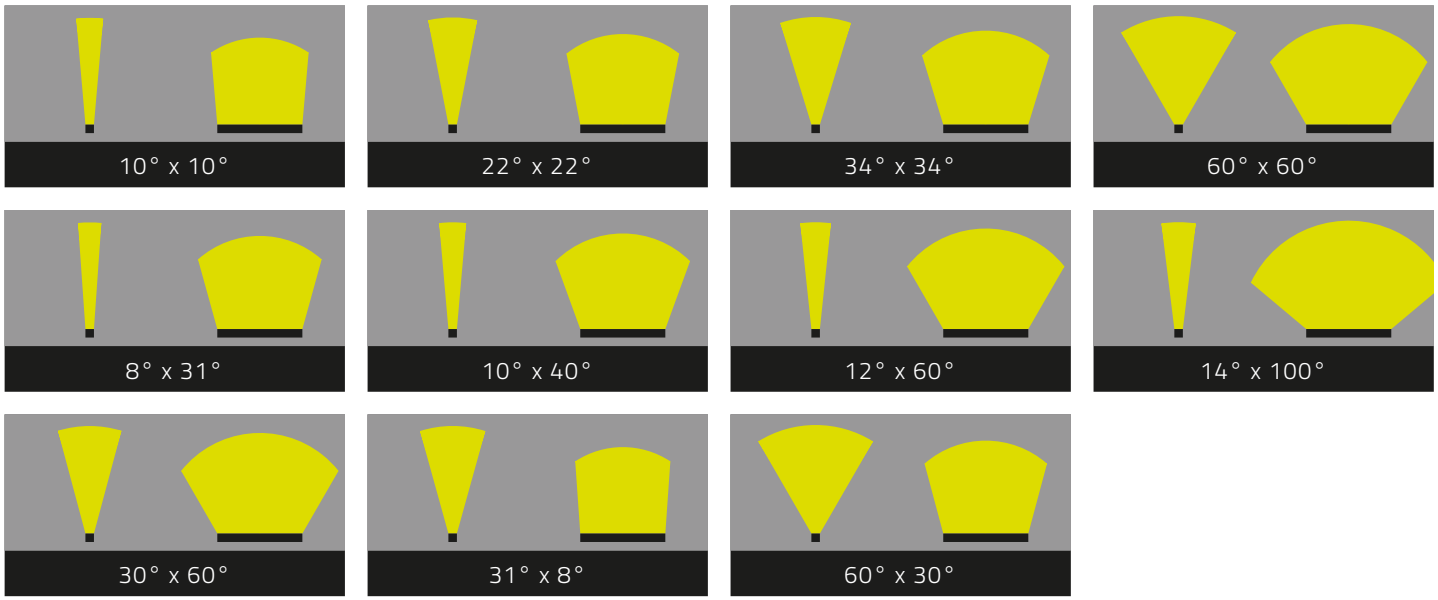
Designed and Developed in Bavaria.
Made in Germany.

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


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# firmus I hp *Color Changing*

## Beam Angles




## Accessories





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# firmus I hp *Color Changing*

## Configurator

FIR-L-HP -(1)_____ -(2)_____ -(3)_____ -(4)_____ -(5)_____ -(6)_____ -(7)_____-Y01

| 1 Luminous color | |
|---|---|
| RGBW8330 | RGBW3000 K / 3 SDCM / CRI > 80 |
| RGBW8340 | RGBW4000 K / 3 SDCM / CRI > 80 |
| RGBW8365 | RGBW6500 K / 3 SDCM / CRI > 80 |

| 2 Dimming | |
|---|---|
| 010V | 0-10 V |
| DALI | DALI |
| DMX | DMX |
| IOT | IoT |

| 3 Beam Angle | |
|---|---|
| 10X10 | 10° x 10° |
| 22X22 | 22° x 22° |
| 34X34 | 34° x 34° |
| 60X60 | 60° x 60° |
| 8X31 | 8° x 31° |
| 10X40 | 10° x 40° |
| 12X60 | 12° x 60° |
| 14X100 | 14° x 100° |
| 30X60 | 30° x 60° |
| 31X8 | 31° x 8° |
| 60X30 | 60° x 30° |

| 4 Approbation | |
|---|---|
| CE | European Union |
| ETL | North America |

| 5 Housing color | |
|---|---|
| DB703 | DB 703 metallic dark grey fine-textured |
| R____FM | RAL____,(fine-textured, matt) |
| R____SM | RAL____, (smooth, matt) |

| 6 Wiring configuration | |
|---|---|
| PIDI | Power IN + Data IN |
| PIDO | Power IN + Data IN/OUT |
| PIDX | Power IN |
| PODI | Power IN/OUT + Data IN |
| PODO | Power IN/OUT + Data IN/OUT |

| 7 Leader cable length | |
|---|---|
| 000 | no leader cable - self assembly |
| 006 | 60 cm (23.6 in) leader cable |
| 030 | 3 m (118 in) leader cable |

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www.biontechnologies.com
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