





coma I
RGBW






TECHNICAL DATASHEET

coma |

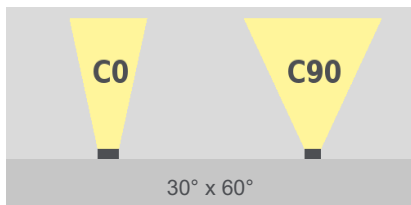
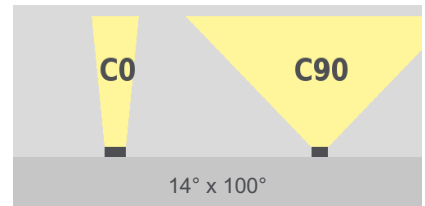
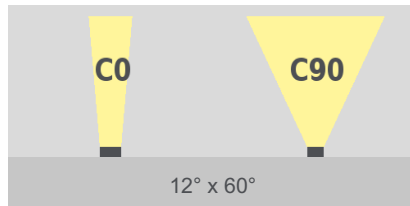
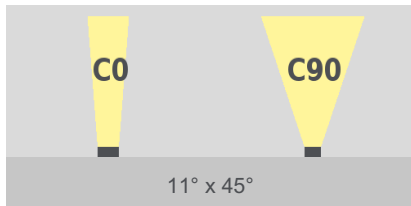
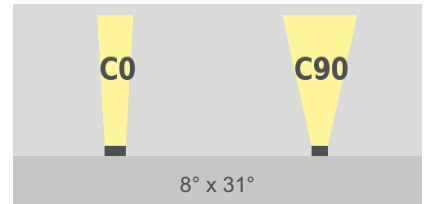
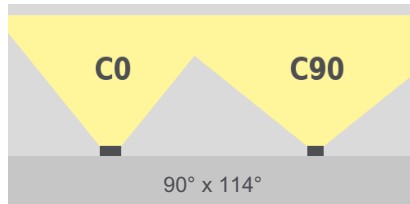
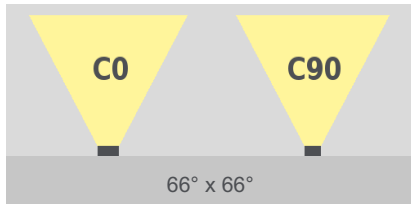
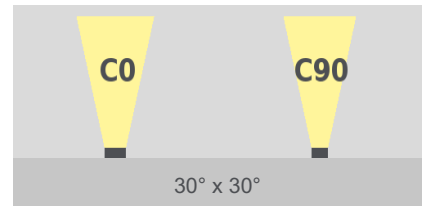
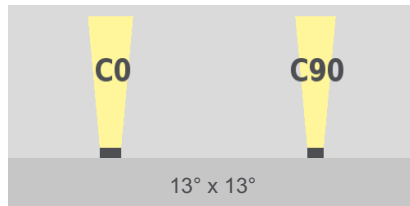
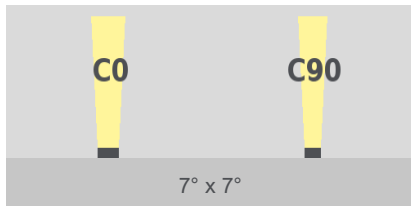
RGBW

Technical Data

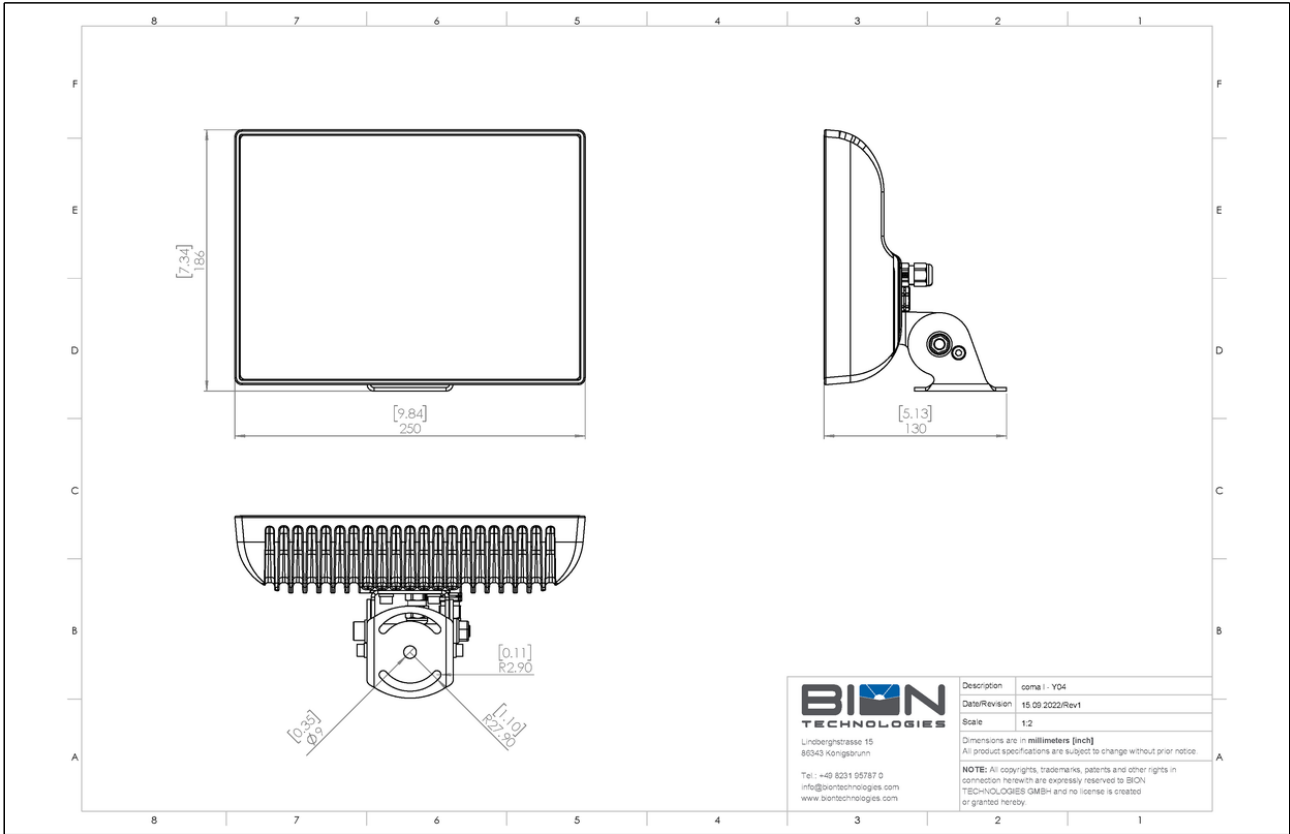
| | |
|------------------------------|---|
| Dimensions | 250 mm x 182 mm [L x D] 9.85 in x 7.17 in [L x D] |
| Fixture Typ |  RGBW |
| Color Temperatures W-Channel | 2700 K, 3000 K, 4000 K * Project-specific LED-colors for RGBW/RGB available. |
| Beam Angles | 7°, 13°, 30°, 66°, 90° x 114° 8° x 31°, 11° x 45°, 12° x 60°, 14° x 100°, 30° x 60° |
| Luminous Flux | RGBW: 2036 lm Lumen output for each RGBW channel: Red: 368 lm, Green: 642 lm, Blue: 286 lm, White: 740 lm RGB: 1641 lm |
| Light Source | 24 LED(s) |
| Color Rendering Index | R _a >= 80 |
| LED-Binning |  |
| MacAdam Ellipses Binning | 3 |
| Control | DMX, IOT |

| | |
|-------------------------|---|
| Input Voltage | Power supply: internal 100 - 240, 277 VAC (50 - 60 Hz) 127 - 431 VDC |
| Power Consumption | Max. 45 W |
| Power Factor Correction | > 0,98 -> 115 VAC @ max. Output > 0,95 -> 230 VAC @ max. Output > 0,91 -> 277 VAC @ max. Output |
| Protection Class | I |
| Inrush | COLD START 55A@230VAC / 27A@110VAC (t _{width} =265µs measured at 50% I _{peak}) |
| Storage Temperatur | -40 °C / +80 °C -40 °F / +176 °F |
| Operating Temperature | -40 °C / +40 °C -40 °F / +104 °F |
| Start-up Temperature | -25 °C / +40 °C -13 °F / +104 °F |
| Lumen Maintenance [L70] | 65'000 h @ 25 °C (77 °F) 40'000 h @ 40 °C (104 °F) |
| LED-Class | Class 2 LED-Product |
| Housing | Aluminium die casting |
| Housing Color(s) | <div style="display: flex; align-items: center; gap: 10px;"> <div style="border: 1px solid black; width: 30px; height: 15px; background-color: white;"></div> <div style="background-color: black; width: 30px; height: 15px;"></div> </div> White powd ercoated Black powd ercoated |
| Lens | Safety glass, printed |
| Weight | 2,8 kg (6.17 lbs) |
| Ingress Protection | IP65 |
| Environment | <div style="display: flex; align-items: center; gap: 20px;"> <div style="text-align: center;">  indoor </div> <div style="text-align: center;">  outdoor </div> </div> |
| Impact Protection | IK08 |
| Certification | <div style="display: flex; align-items: center; gap: 10px;">    </div> -40 °C / +80 °C -40 °F / +176 °F |

Beam Angles



Engineering Drawing



| | | |
|----------------|-----------------|-------------|
| Project | Fixture# | Date |
| | | Firm |



Ordering Information

Choose the option that suits your needs and write its corresponding code on the appropriate line to form the product code.

COMA-L- _____ - _____ - _____ - _____ - _____ - Y04

TYP - LUMINOUS
COLOR

DIMMING

BEAM ANGLE

WIRING

HOUSING COLOR

| TYP - LUMINOUS COLOR | |
|----------------------|---------------|
| RGBW27 | RGBW - 2700 K |
| RGBW30 | RGBW - 3000 K |
| RGBW40 | RGBW - 4000 K |

| WIRING | |
|--------|---------------|
| CE | Europe |
| ETL | North America |

| DIMMING | |
|---------|----------------|
| DMX | Dimmable - DMX |
| IOT | Dimmable - IOT |

| HOUSING COLOR | |
|---------------|--------------------|
| WH | White powdercoated |
| BL | Black powdercoated |

| BEAM ANGLE | |
|------------|------------|
| 7X7 | 7° x 7° |
| 13X13 | 13° x 13° |
| 30X30 | 30° x 30° |
| 66X66 | 66° x 66° |
| 90X114 | 90° x 114° |
| 8X31 | 8° x 31° |
| 11X45 | 11° x 45° |
| 12X60 | 12° x 60° |
| 14X100 | 14° x 100° |
| 30X60 | 30° x 60° |

Sample Order Code: COMA-L-RGBS-DMX-66X66-CE-WH-Y01

* Project-specific options are available - Please contact our Sales Representative for further information.



Lindberghstrasse 15
86343 Koenigsbrunn
Tel: +49 (0)8231/95787-0
Fax: +49 (0)8231/95787-29
www.biontechnologies.com
info@biontechnologies.com

YouTube: <http://www.youtube.com/user/BIONTECHNOLOGIES>

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