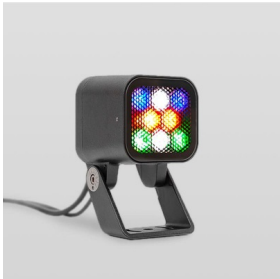
INTILED

# KUB

## IMF8-1RGBW50-10RL24(111)



**Application**

The ultra-compact KUB luminaire offers more than 16 million vibrant, pure colors, all within its familiar minimalist design. This tiny yet powerful fixture delivers a vast array of lighting effects and extensive controls options, all housed in a compact, toy-sized body with an integrated power supply. Its user-friendly design ensures seamless handling at every stage of a lighting project — from concept development and modeling to installation and ongoing system maintenance.

IP66 IK08

**Standard RAL colors**

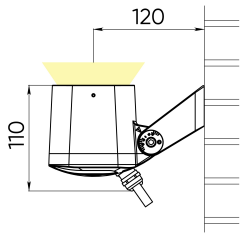
1015 1001 8004 8017

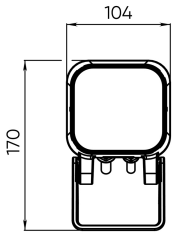
9005 7016 9006 9003

**Standard coating type**

moire

| | | |
|---|---|---|
| **Light color** | red + green + blue + white 5000 K | |
| **CRI** | > 80 | |
| **Color binning** | ±3 nm, 2 MacAdam steps | |
| **Optics, degrees** | 10 | |
| **Delivered lumens, lm** | Red | 120 |
| | Green | 200 |
| | Blue | 95 |
| | White 5000 K | 390 |
| | All On | 490 |
| **Voltage, V** | 24 DC | |
| **Wattage, W** | 13 | |
| **Power factor** | | |
| **Electric class** | III (third) | |
| **Protection class** | IP66 | |
| **Operating temperature, degrees C** | -40 ... +55 | |
| **IK rating** | IK08 | |
| **Control, protocols** | DMX-512 + RDM | |
| **Control, pixel size** | 1 luminaire = 1 pixel | |
| **Lifespan, hours** | Not less than 50 000 | |
| **Warranty, years** | 5 | |
| **Dimensions, mm** | 104x170x110 | |
| **Weight, kg** | 1,3 | |
| **Content of delivery** | luminaire, package, passport, mounting instructions | |




**Mounting**

Surface mounted, on a swivel bracket.

**Materials**

Housing, bracket — aluminum casting alloy, covered with powder paint; protective glass — silicate tempered glass; metalware — stainless steel.

**Integrated technologies**

ColorPro® technology is a software algorithm that optimizes the use of the luminaire's available power to deliver peak brightness.
EternalTechnology® is a continuous monitoring of the internal temperature of the lighting fixture through the system of integrated sensors.
Truelight® technology - a comprehensive suite of solutions designed to deliver flawless lighting effects.
Aquatech® technology – a multi-stage protection technology safeguards luminaires against water ingress.
COOLight® technology is aimed at increasing the efficiency of lighting fixtures.

**Additional codes definition**
(111) - Version with inner accessory, type 1 (for medium and narrow optics), cable length - 1 m;
(H111) - Version with inner accessory (hexagonal lattice), cable length - 1 m;
(211) - Version with inner accessory, type 2 (for wide optics), cable length - 1 m;
(311) - Version with inner accessory, type 3 (for wide optics), cable length - 1 m;
(011) - Version without inner accessory, cable length - 1 m.

**Accessories**
brackets
KUB-03-75 - for the pole, static
KUB-01-110 - for the pole, swivel (1 hole)
KUB-02-110 - for the pole, swivel (2 holes)
louvres
KUB-02-050 - 50 mm height
KUB-02-075 - 75 mm height
tubes
KUB-01-075 - 75 mm height
spikes
KUB-01-400-55 - into the ground, 400 mm depth, luminaire 55 mm above the surface
KUB-02-400-150 - into the ground, 400 mm depth, luminaire 150 mm above the surface

**Compatible control system devices**

LightCAD software key x2

LightCAD software key x8

LightCAD software key x32

LightCAD software key x64

LightCAD software key x128

LightCAD software key x512

Controller LED-IPCe

Controller LED-IPCs

Converter U-Box 8

Converter U-Box 4

Converter Din-Box 8

Converter Din-Box 6

Converter Din-Box 2

Splitter DMX (B1T2)

Splitter DMX (B4)

Converter UCS-ILCS