KUB

INTILED



about the series

INTILED
KUB

KUB is a low-power luminaire for accent and flood lighting, combining everything required in most modern lighting projects:

- excellent uniform light in all optics options
- power supply and a variety of technologies on-board
- convenient and reliable mounting and fixation system

Its compact size allows the device to be placed on columns, canopies, in narrow spaces between windows, and on decorative details.

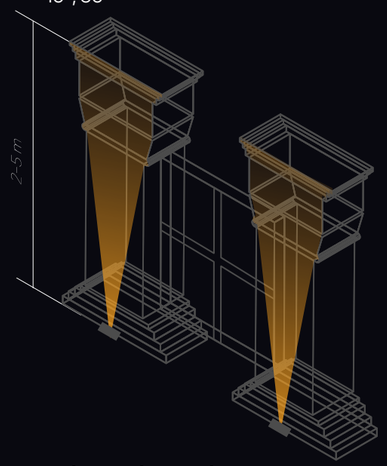


application

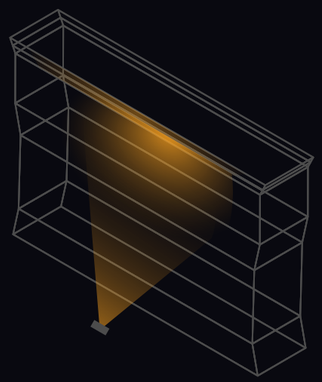
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tall yet compact architectural elements (pilasters, columns)

10°, 30°

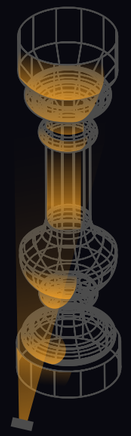


30°, 10x50°, 10a30°

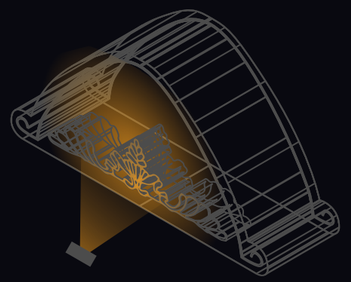


low, compact architectural elements (reliefs, mascarons, flowerpots)

65°, 85°

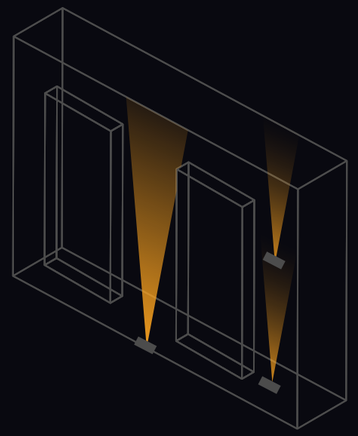


120°

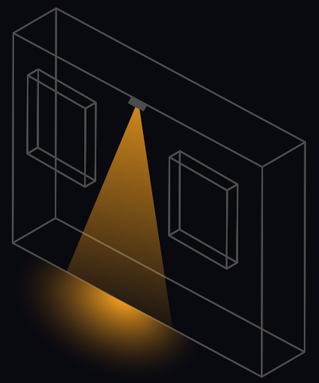


spaces between windows, 1-2 stories high

10a30°, 10°, 65°

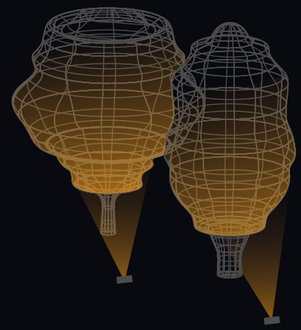


65°, 85°



landscape lighting: flooding from small supports, small architectural forms

30°, 65°, 85°



30°, 65°, 85°



application

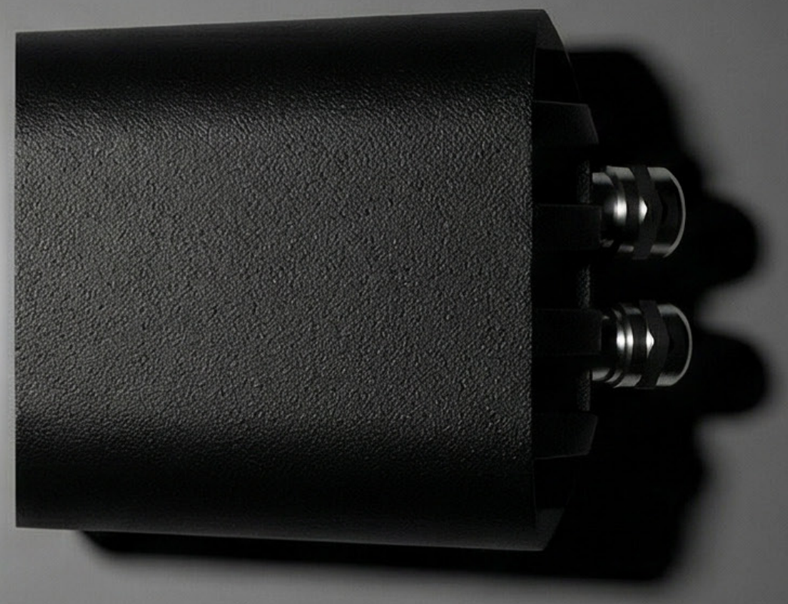
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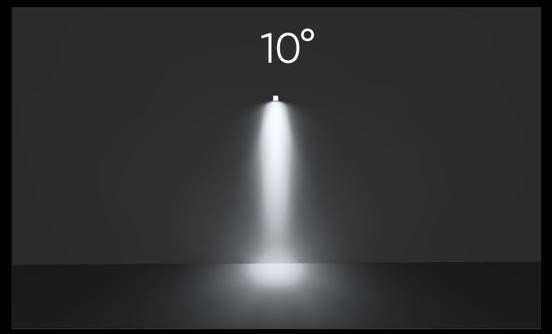
lighting effect

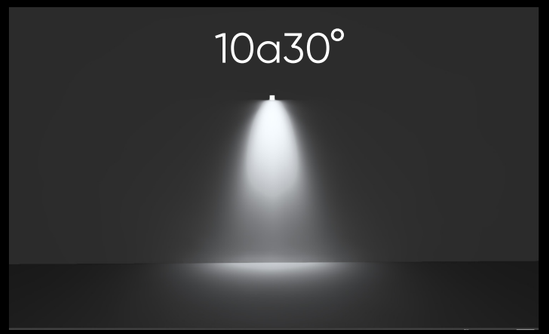
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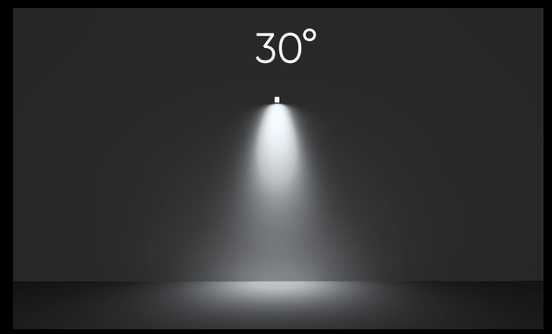
optics: light effect

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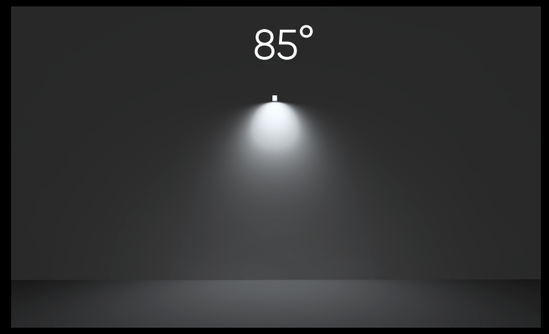


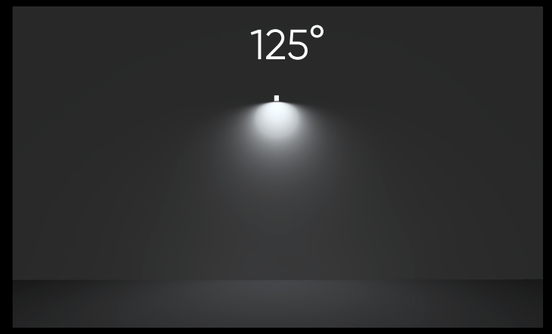








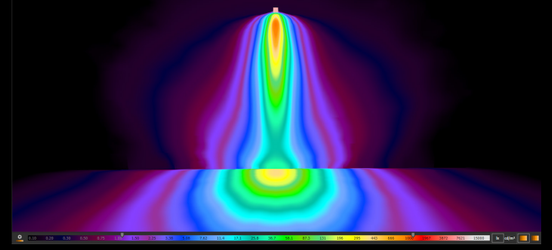




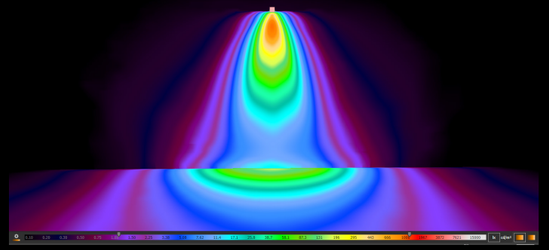
optics: illumination

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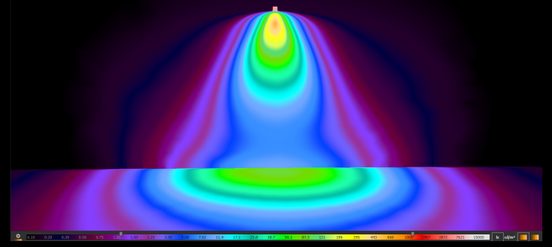
10°



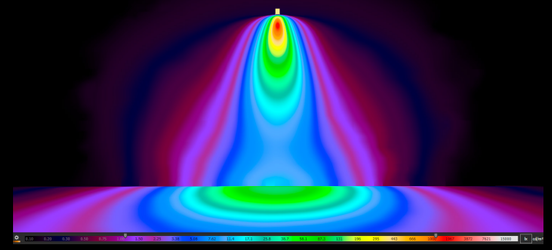
10a30°



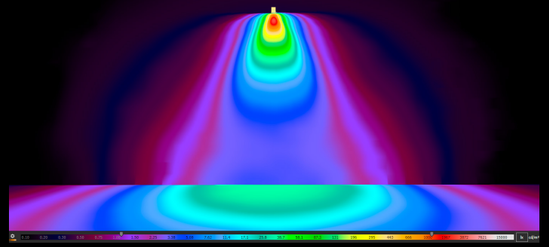
10x50°



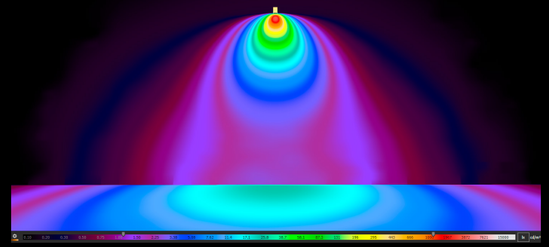
30°



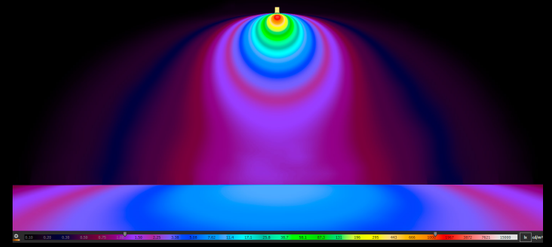
65°



85°



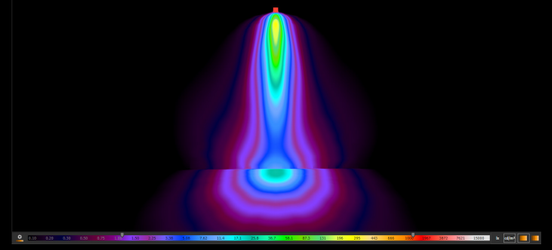
125°



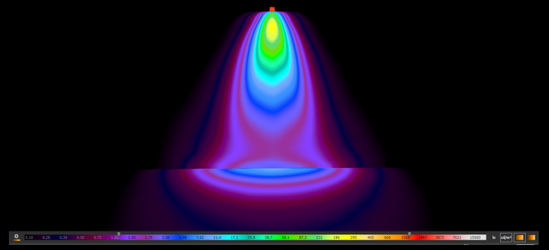
optics: brightness

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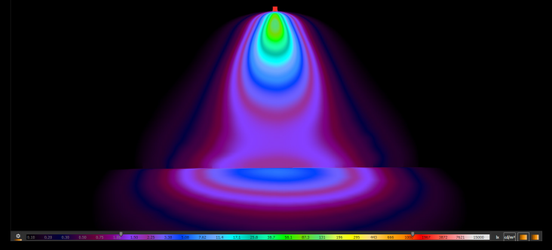
10°



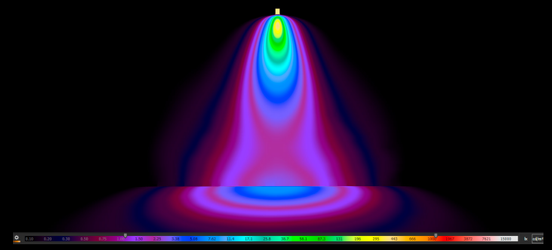
10a30°



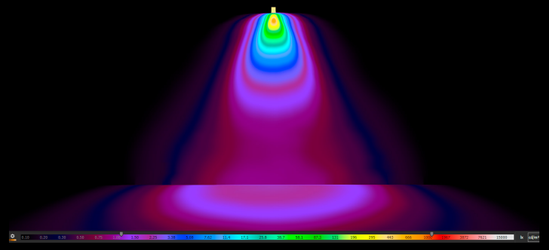
10x50°



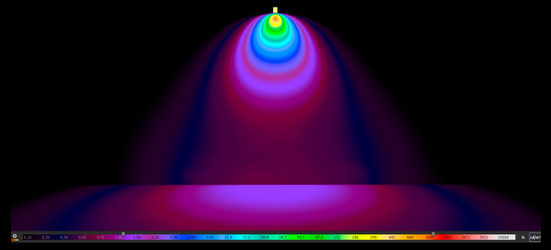
30°



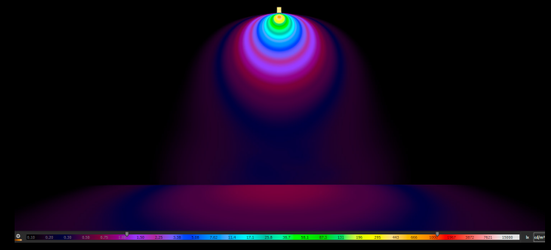
65°



85°



125°



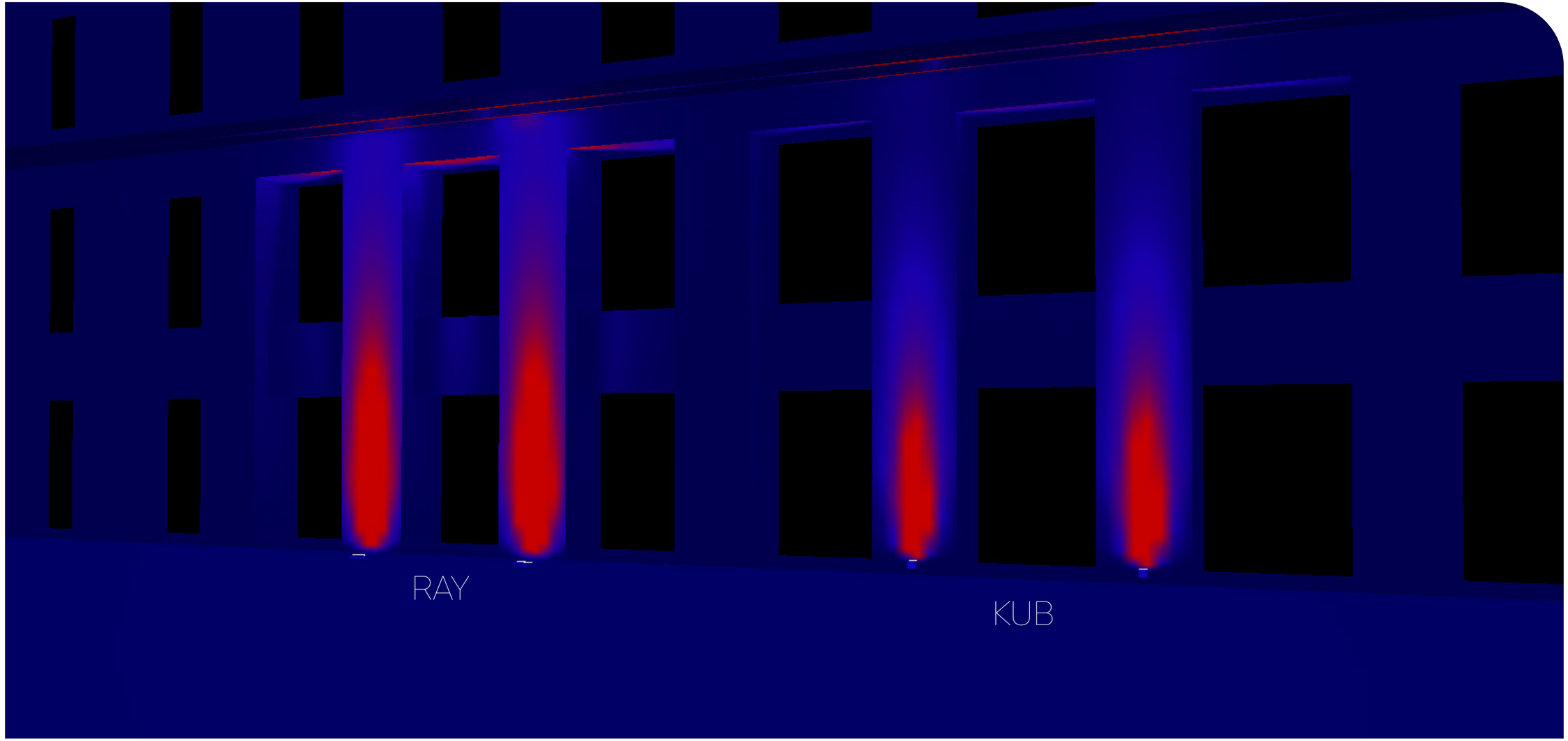
comparison with other series

INTILED
KUB



comparison with other series

INTILED
KUB



specific features

INTILED
KUB

Tempered glass reliable protects the components from external impacts and maintains the light transmittance over time.

The RDM protocol allows for feedback from the lighting system as a whole and from each individual fixture.



specific features

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KUB

Specialized LEDs with primary optics and narrow binning within 2 MacAdam ellipses, designed for use in architectural lighting.

The thoughtful placement of LEDs of different colors ensures optimal color mixing for pure, rich hues.



specific features

INTILED
KUB

Smart design. The device's special layout ensures low housing temperatures, increases component life, and enhances the luminaire's reliability.

The system of easy accessories attachment.

A scale with a rotation angle simplifies aiming and setting the luminaire to the desired position.



specific features

INTILED
KUB

A special outdoor powder coating provides reliable and long-lasting protection. The housing and brackets can be painted in any RAL color.

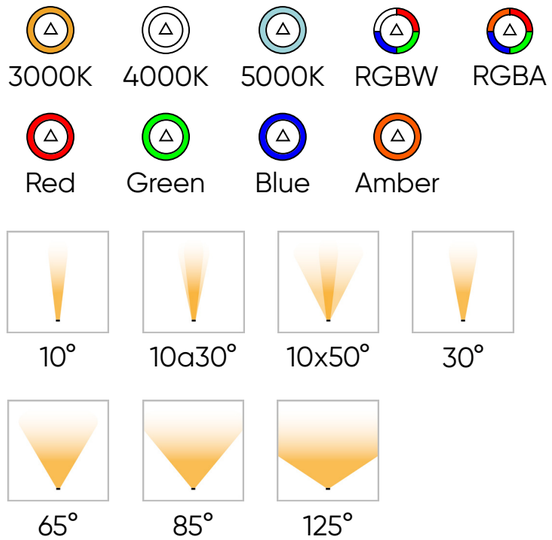
Double bracket locking. The Nord-Lock® washer secures threaded connections and effectively prevents loosening over time.

The bracket is an integral part of the luminaire. The beveled shape of the bracket allows for mounting the luminaire without removing the bracket from the housing.



characteristics

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KUB



Wattage, W
monochrome: 7,5-11
multichannel: 6-14

Delivered lumen output, lm
monochrome: 130-1 000
multichannel: 55-500

Voltage
monochrome: 230 V AC, 48 V DC
multichannel: 230 V AC, 24 V DC

IP66 **IK09**

Controls, protocols
monochrome: On/Off, DALI, PWM
multichannel: DMX-512, DMX-512 + RDM

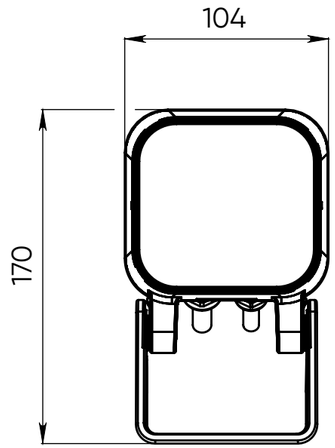
Controls, pixel size
1 luminaire – 1 pixel

Technologies (see page 17)

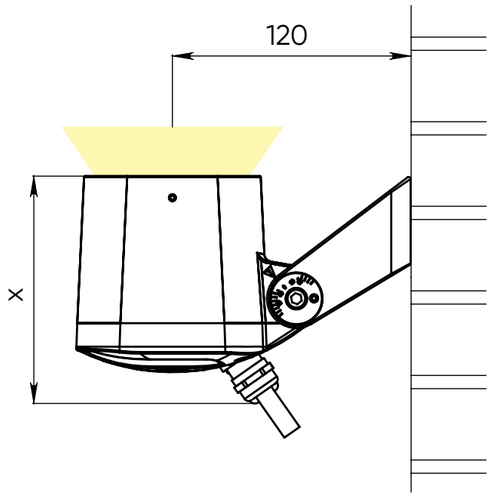
Lifespan
not less than 50 000 hours

- 40°C → + 55°C

Weight, kg
1,3



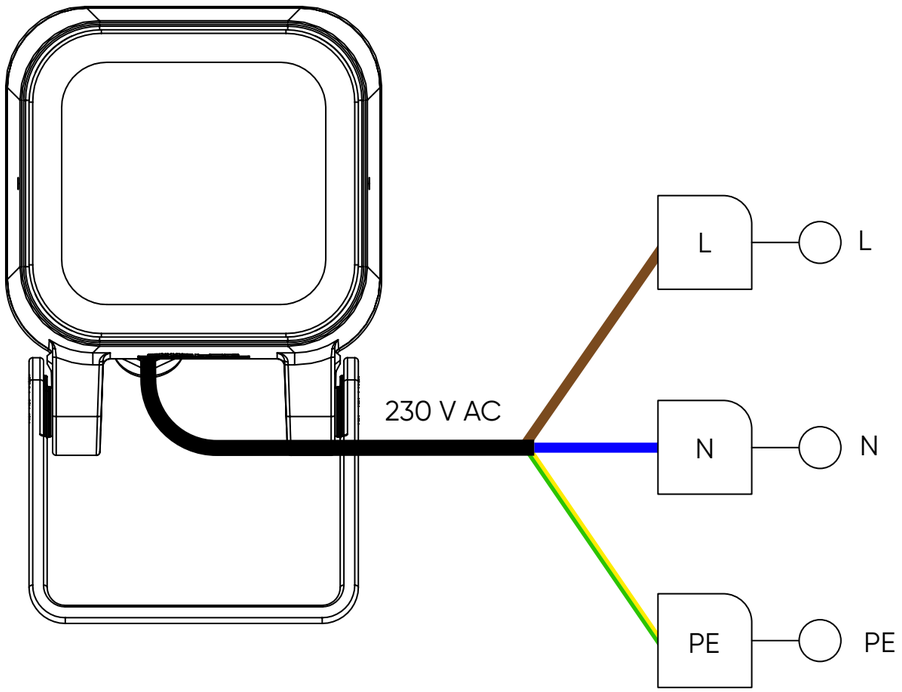
x
monochrome: 110
multichannel: 115



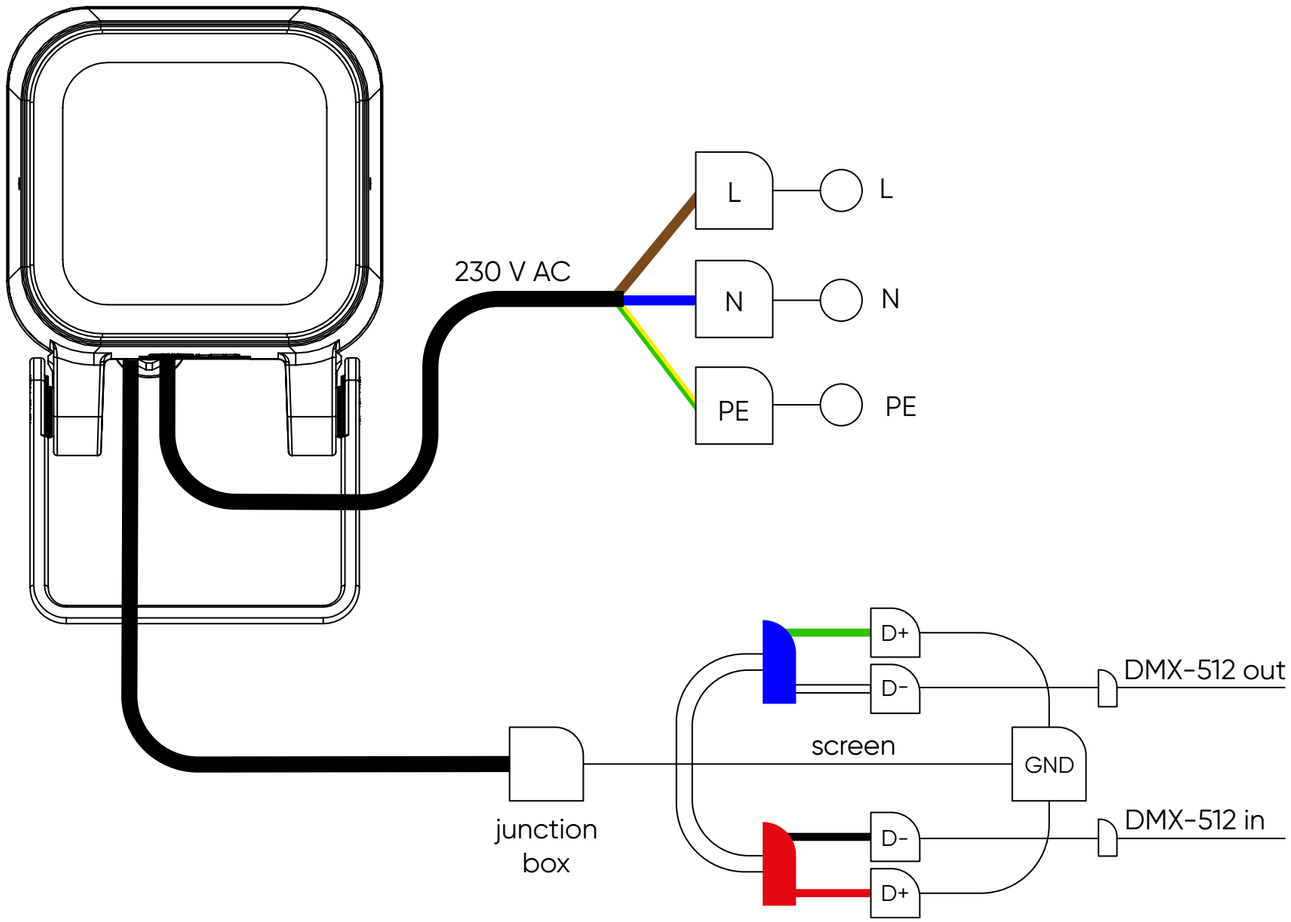
connection diagrams

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White color luminaire

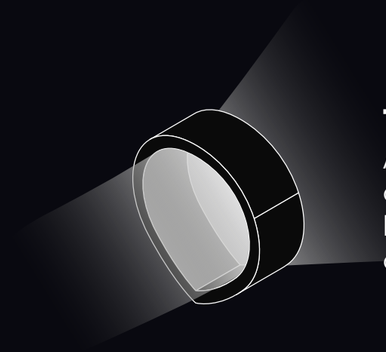


Color dynamic luminaire

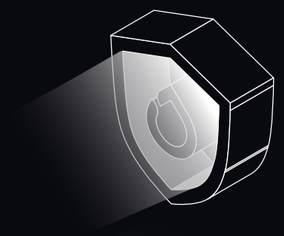


technologies

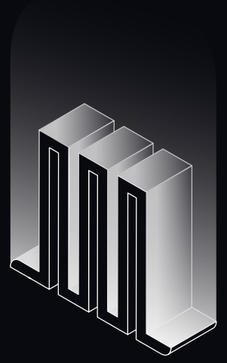
INTILED
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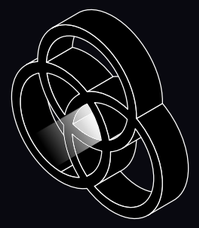
Truelight™
A comprehensive system of solutions and approaches that enables flawless lighting effects regardless of the light colour, optic type, or fixture design.



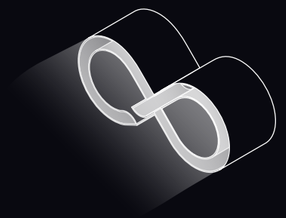
Aquatech™
The multi-stage water protection technology used in all INTILED fixtures with IP66 to IP68 ratings.



COOLight™
A comprehensive thermal management solution for INTILED lighting fixtures.



ColorPro®
INTILED's software algorithm for multi-channel fixtures. It enables using the full available power of the fixture to achieve maximum brightness for both individual colours (R, G, B) and colour combinations, within the fixture's total maximum power limit.



EternalTechnology®
The continuous internal temperature monitoring technology of the lighting fixture.

characteristics

INTILED
KUB

Accessories

Type*	Article number	Height, mm
screen	KUB-02-050	50
	KUB-02-075	75
tube	KUB-01-075	75
spike	KUB-01-400-55	55
	KUB-02-400-150	150

* screen – for grazing floodlighting
tube – for lighting of spatial structures
spike – for landscape lighting

Type	Article number	Category	Holes
bracket	KUB-01-110	swive	1
	KUB-02-110		2
	KUB-03-75	static	2

Control system devices

LIGHTCAD software key

x2 x64
x8 x128
x32 x512

Controller

LED-IPCe
LED-IPCs

Converter

U-Box 4/8
Din-Box 2/6/8
USB-ILCS

Splitter

DMX (B1T2)/(B4)

projects

Business Center “Lotus”
Saint Petersburg

INTILED
KUB



projects

Rimsky-Korsakov State Conservatory
Saint Petersburg

INTILED
KUB



projects

Victory Plaza
Saint Petersburg

INTILED
KUB



projects

General Tutolmin's house
Saint Petersburg

INTILED
KUB



projects

Kant Island
Kaliningrad

2020 WINNER LIGHTING DESIGN AWARDS

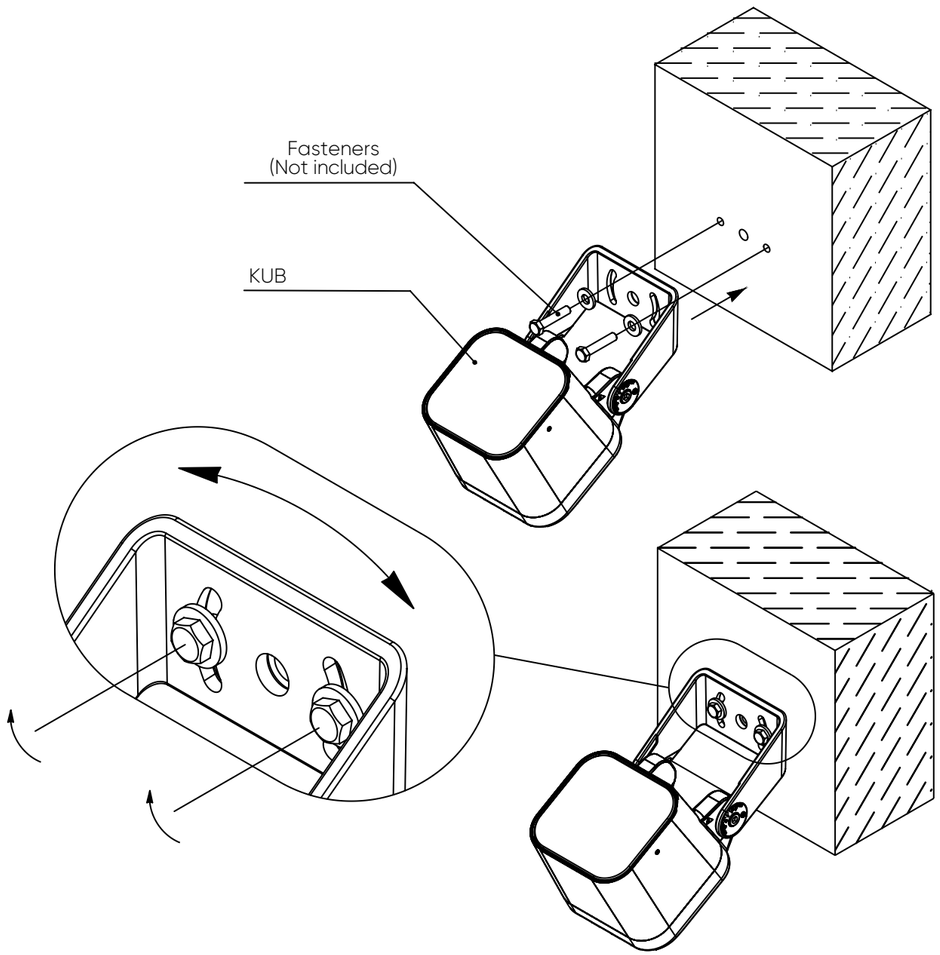
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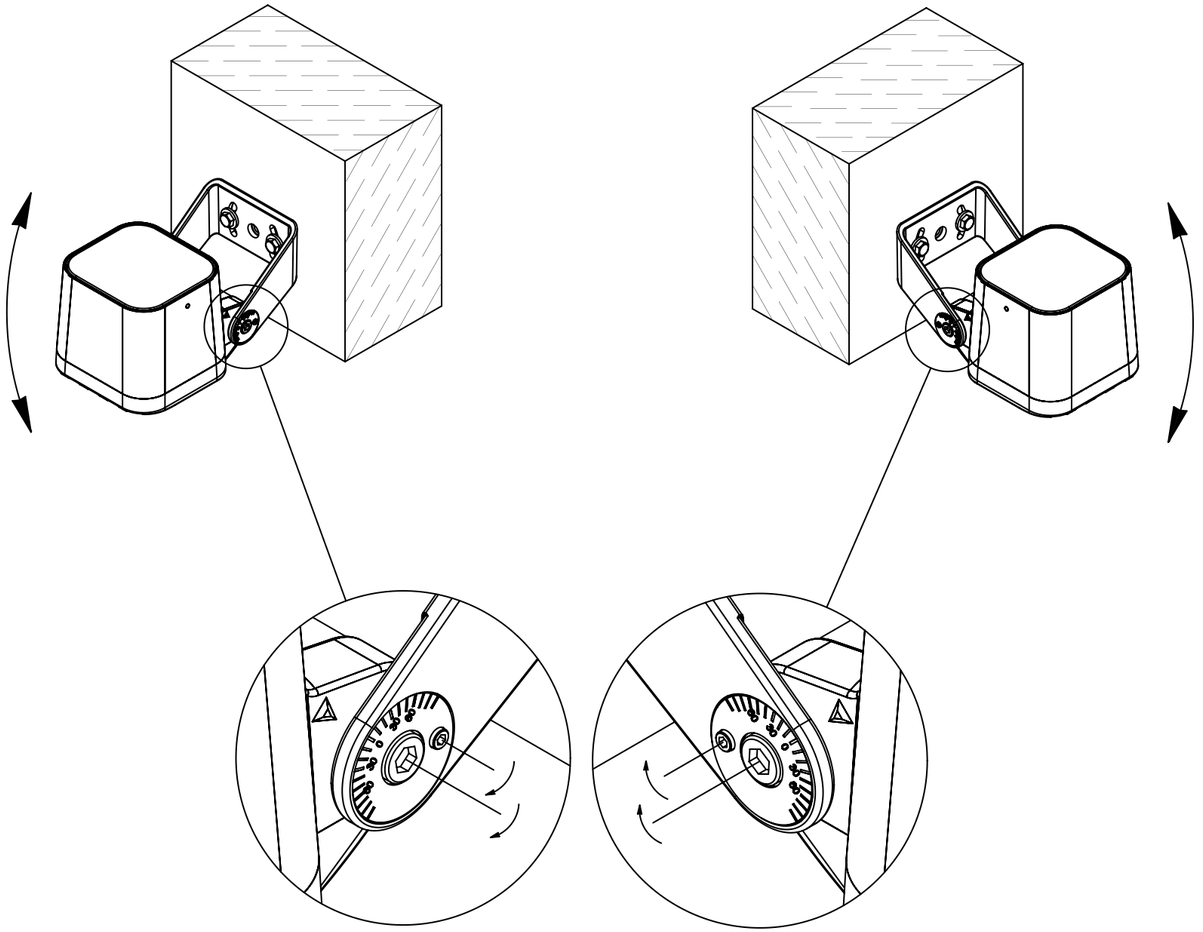
mounting

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Step 1
Installing the luminaire



Step 2
Adjusting the luminaire



customization

INTILED
KUB

Controls, protocols
monochrome: DMX-512, DMX-512 + RDM

Connectors
IP68

Cable length
up to 5m

Voltage
12, 24, 48 V DC

Customized for a specific project
light color
wattage
luminous flux

Available custom versions (see page 25)



version

INTILED
KUB

Tropical

Is a special version of INTILED luminaires designed for use in hot climate regions. This version ensures stable operation at elevated ambient temperatures (up to +55 °C) as well as high humidity levels (up to 100%).

Arctic

Is a special version of INTILED luminaires designed for use in the Far North regions. This version ensures stable operation at low ambient temperatures (down to –55 °C). The Arctic version also features a soft-start system and a glass heating system.



INTILED

Light. Done right.