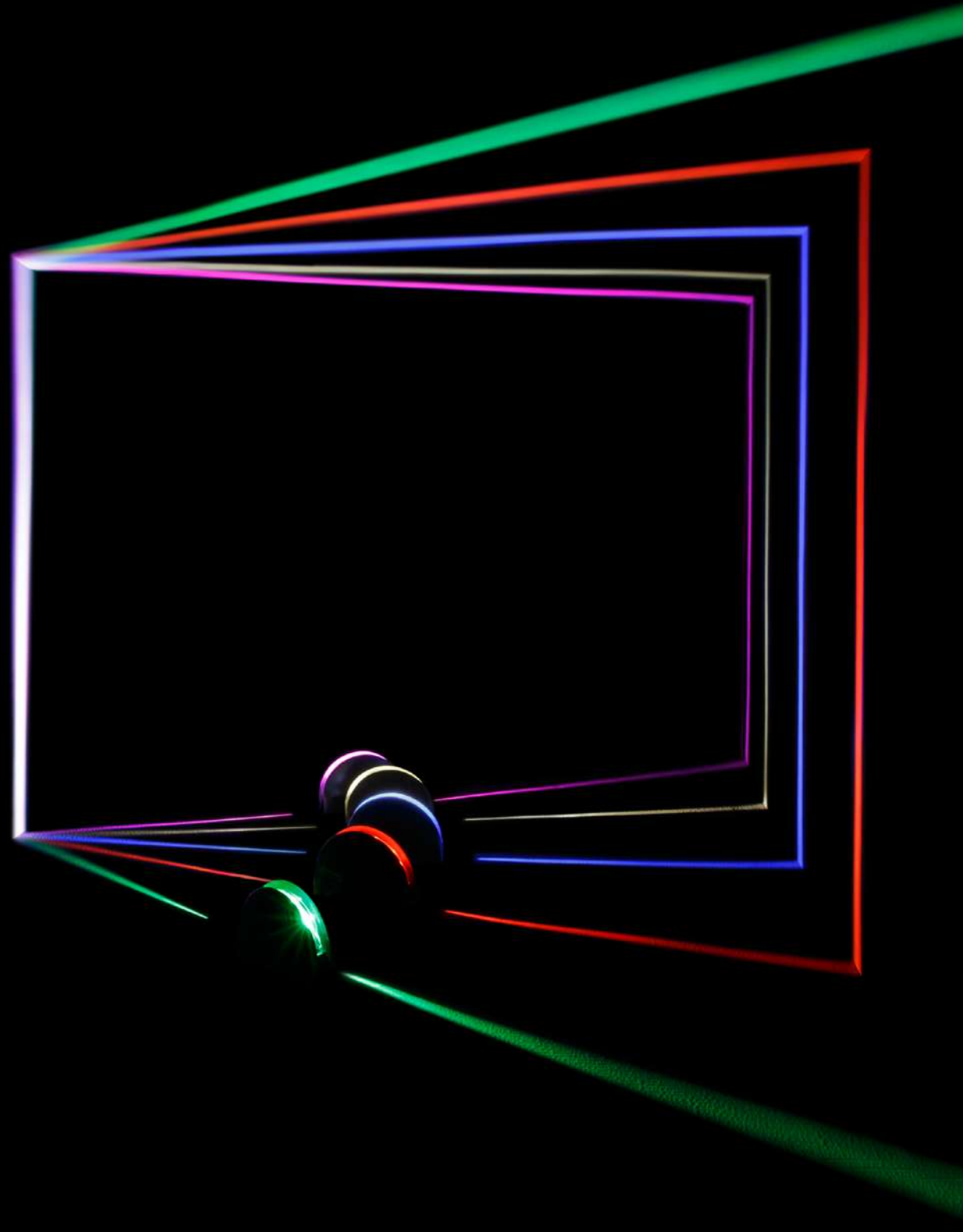


EDGE
INTILED

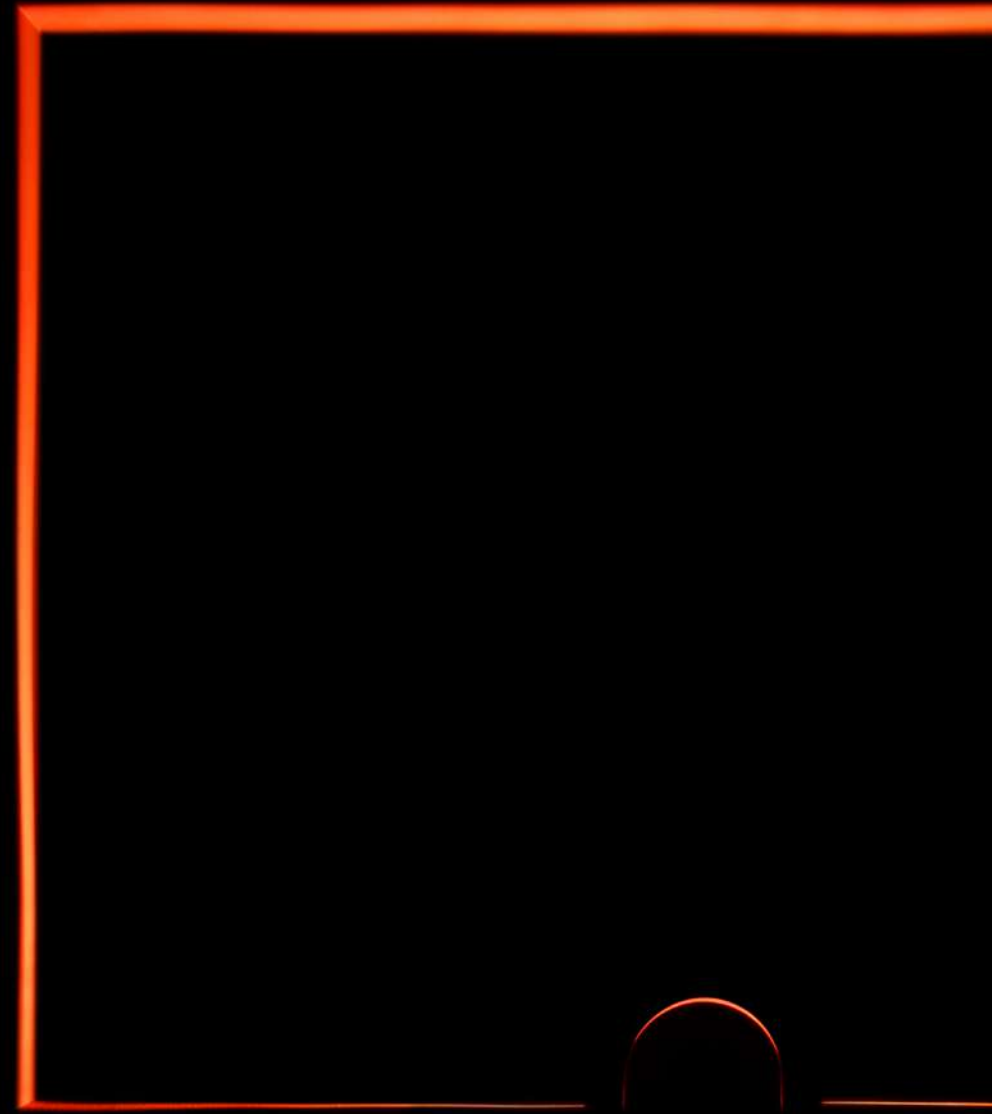


EDGE LUMINAIRE DESCRIPTION

I N T I L E D

EDGE LED is intended for architectural lighting of window openings, niches, building portals, creating a decorative illumination of buildings, premises etc.

Specially designed high-performance optics completely eliminates stray light and other unwanted lighting effects, forming the required light beam with minimal losses in the luminous flux and high quality mix of red, green, blue and white colours.



Lens

Aperture

LED modules

Body

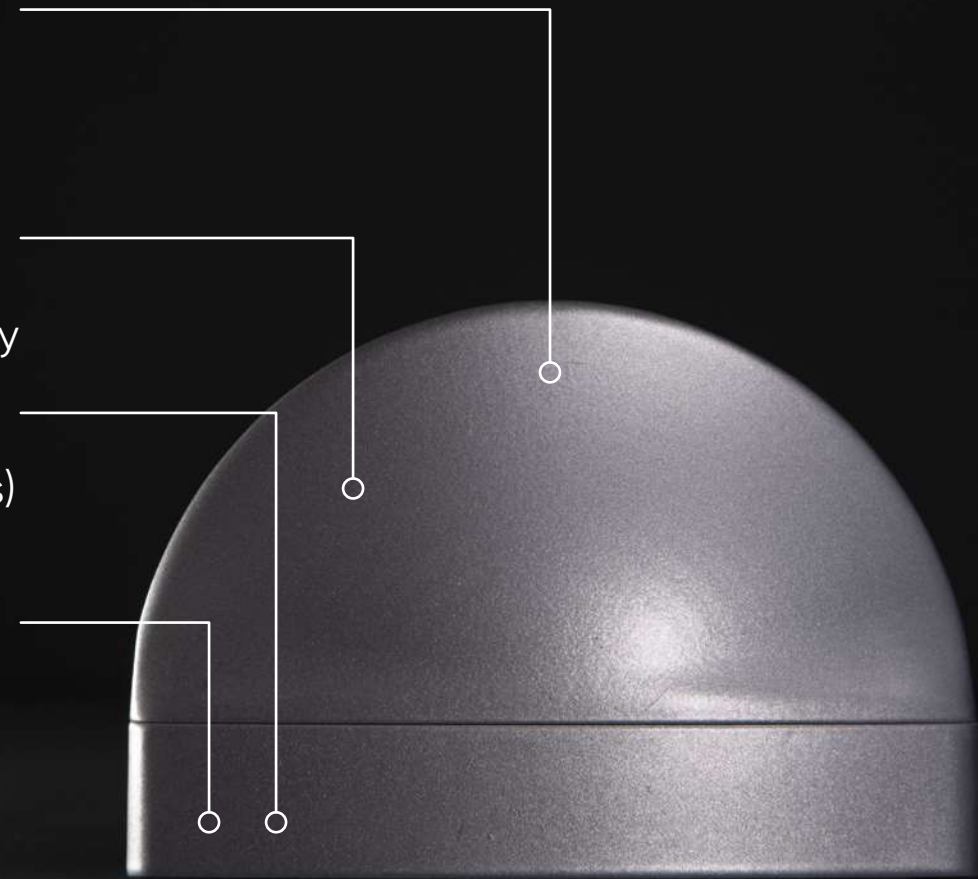
Driver

Base

Mounting plate



- Concealed in-situ adjustment mechanism to compensate for irregularities of the surfaces at installation ($\pm 3^\circ$)
- Metal housing providing effective heat dissipation and IP65 protection from elements
- Additional driver protection from "polarity reversal" of the power line
- Various cable exit options (bottom/sides) and small cable bending radius for flush wiring



EDGE MAIN FEATURES

I N T I L E D

- Absence of pulsation
- "Narrow bin" (5 nm wavelength gap) and high-precision LED calibration ensures the maximum possible repeatability of lighting effects in a batch
- Latest LED generation with high light output and long lifespan
- Pure white (separate white color channel, color temperature 4000K)



EDGE MAIN FEATURES

I N T I L E D

The aperture in the basic version allows to achieve a narrow and clear beam. The option with no aperture intensifies the luminous flux and creates a wider light beam.

High performance optics and barndoors minimize light losses



EDGE MAIN FEATURES

I N T I L E D

DMX + Power cable in halogen-free shell,
resistant to UV radiation

Optional IP68 connectors for easy
installation prevent an incorrect
connection of the fitting



EDGE MAIN TECHNICAL CHARACTERISTICS

I N T I L E D

| | |
|-----------------------|---|
| Light source | Nichia (Japan), Cree (USA) LEDs |
| Light color | white (3000 K, 4000 K, 5000 K), green, red, blue, amber, RGBW |
| Optics | 3x180° |
| Luminous flux | 21 - 60 lm |
| Wattage | 7,2 - 8 W |
| Voltage | 24 V DC |
| Protection class | IP65 |
| Operating temperature | tropical edition: -40°C ... +55°C standard edition: -40°C ... +45°C |
| Lifespan | not less than 50000 hours |
| Control | DMX-512, DMX-512 + RDM |
| Dimensions | 154x106x62 mm |
| Weight | 0,8 kg |
| Mounting | surface mounting on mounting plate; mounting on an adjustable bracket |
| Customization | customized LEDs color combinations; housing and mounting plate painting in any RAL color; IP68 connectors |

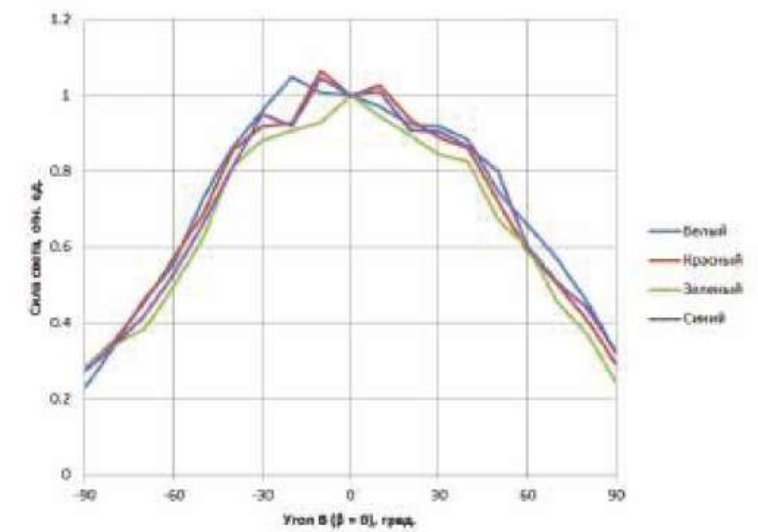
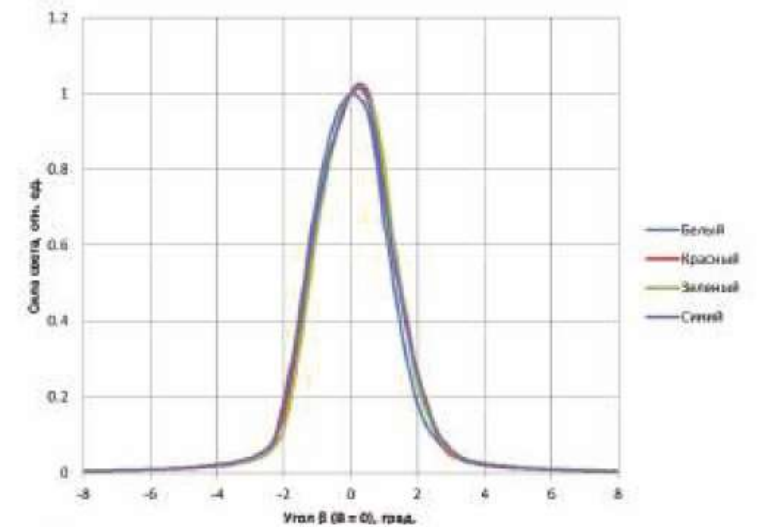
EDGE MAIN TECHNICAL CHARACTERISTICS

I N T I L E D

Highly efficient color mixing of EDGE acknowledged by laboratory tests.

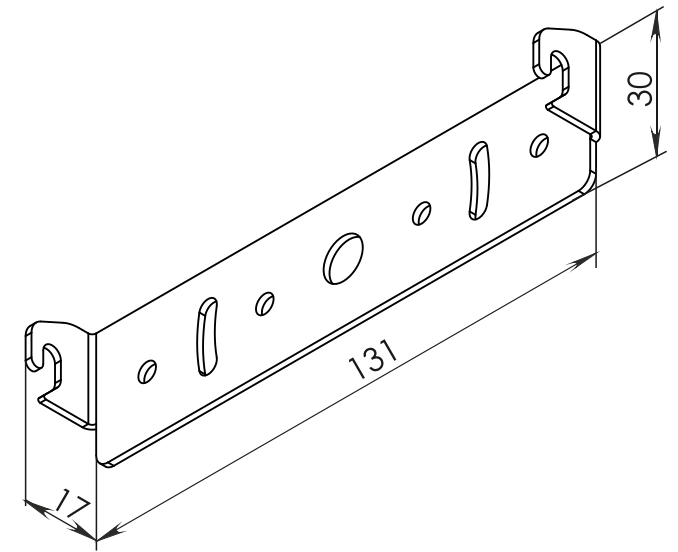
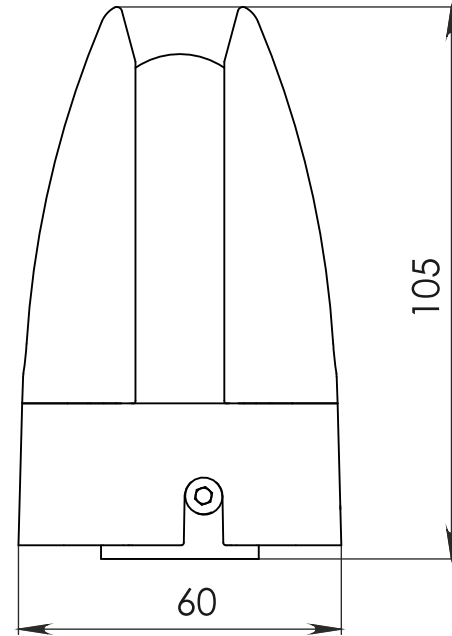
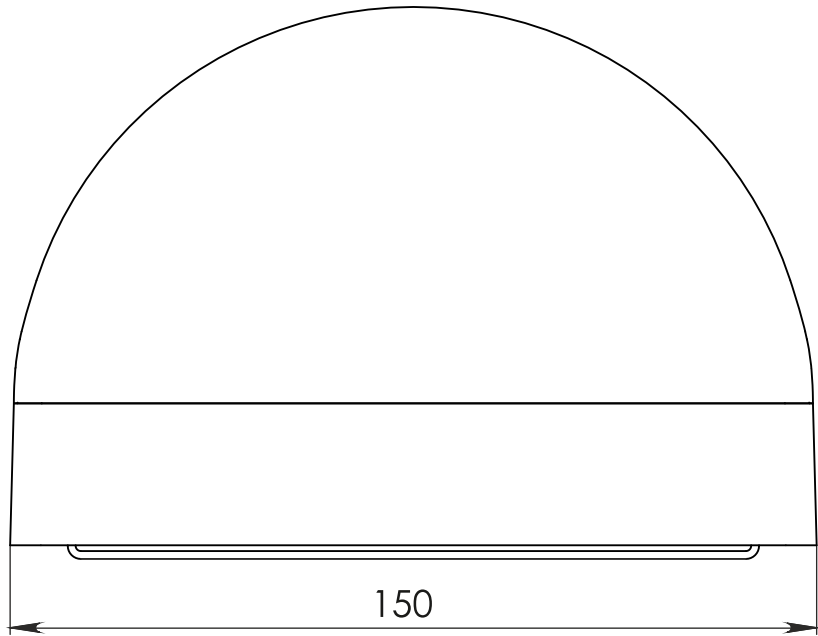
The graphs show the luminous flux distribution in various modes: white, red, green and blue. The range of deviations between the modes is minimal due to the specially designed optics.

As a result, you get an even saturated light beam without any "edge" effects



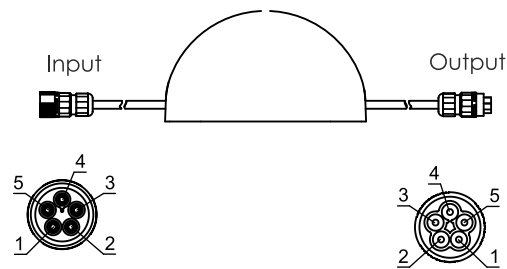
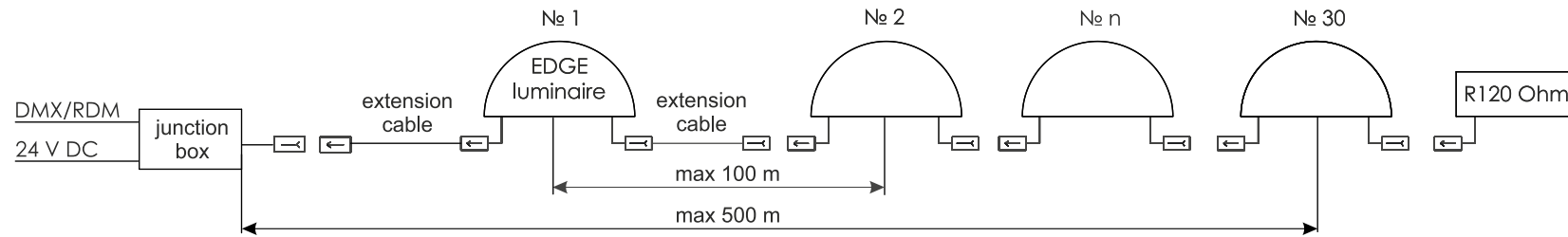
EDGE DIMENSIONAL DRAWING

I N T I L E D

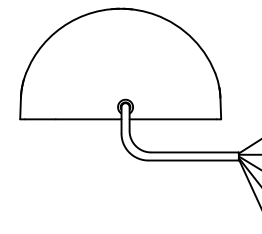


EDGE CONNECTIONS SCHEME

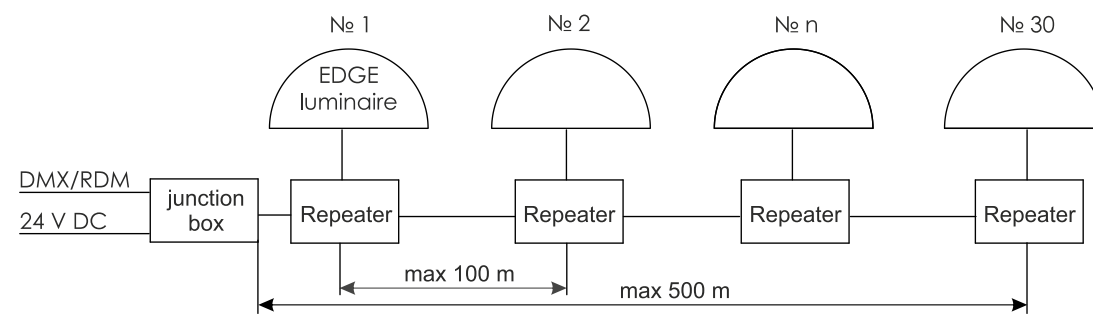
I N T I L E D



| N | Wire color | Input/Output |
|---|------------|--------------|
| 1 | screen | + V DC |
| 2 | white | - V DC |
| 3 | red | + DATA |
| 4 | black | - DATA |
| 5 | red | GND |



| Wire section | Wire color | Input/Output |
|----------------------|------------|--------------|
| - | screen | GND |
| 0,24 mm ² | white | - DATA |
| 0,24 mm ² | red | + DATA |
| 1,0 mm ² | black | - V DC |
| 1,0 mm ² | red | + V DC |



PORTFOLIO

Avala Bürohoone
Tallinn

INTILED



PORTFOLIO

I N T I L E D

N.I. Lobachevsky Administrative and Business Center
Innopolis





more information available
on the website