



RAY





RAY Series – smart design in basic mid-power projector: maximum functionality placed into minimal dimensions. RAY luminaire is designed for flood and accent architectural lighting. Significant improvements of every detail, reliable components and excellent lighting performance made RAY an irreplaceable tool for a lighting designer.

## Brief

Silicate tempered glass with diffuser

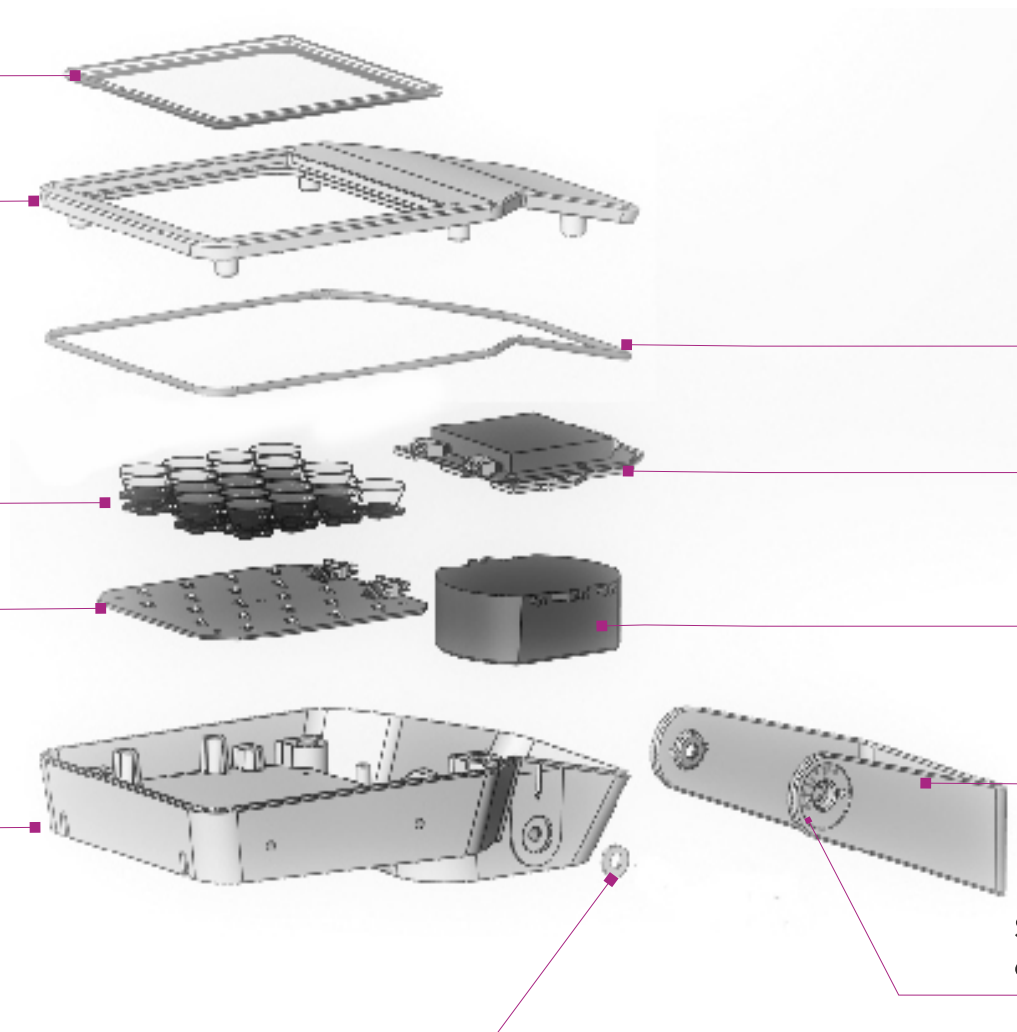
Body cover

Lens

LED board  
with hexagonal placement of diodes

Body

Nord-Lock® system



Sealing cord


Driver

Power Supply

Bracket

Scale with  
a targeting angle

## Components



Single color temperature guarantees

Highly efficient optics with precisely selected effect for specific purposes. It does not blind, but gives exactly the desired result

High-impact templet glass  
External influence over stability against dim

Modified color mixing and artefacts minimization ensured by advanced LEDs location

New level of control  
Smart fixture with RDM technology. Constant monitoring of device and lighting system status feedback

## Specific features

Отсутствие пульсации

«Узкий бин» (разброс длины волны 5 нм) и высокоточная калибровка светодиодов гарантирует максимально возможную повторяемость световых эффектов в рамках партии приборов

Designated mounting locations for accessories

**Smart design**

Special arrangement of the device provides a low temperature of heating the body and increases the service life of components and reliability of the luminaire

**A scale with a rotation angle** simplifies the aiming of the device and installation in the position required by a project

**Bracket as an integral part of the luminaire**

Slanted shape of the it allows users to install the luminaire without complete removal of the bracket from the body

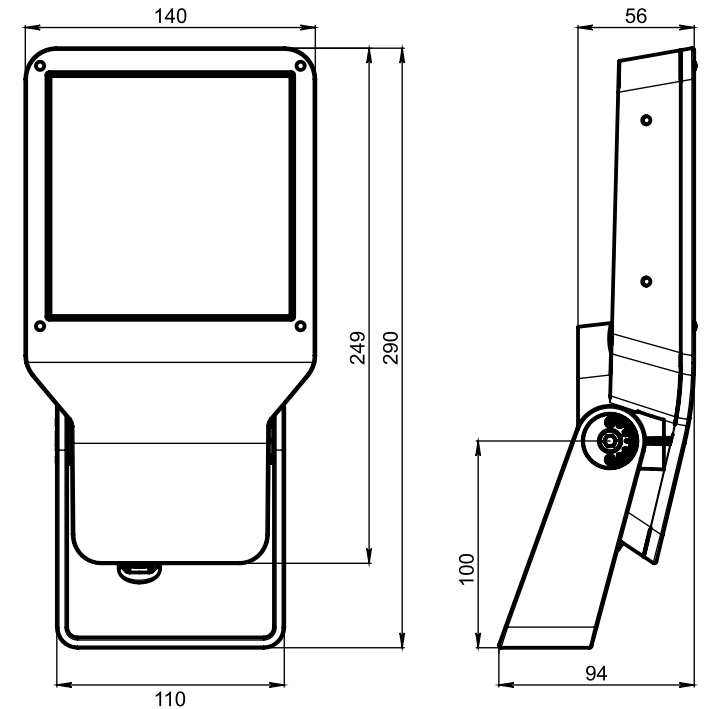
**Double bracket fixing**

The Nord-Lock® washer secures threaded parts and effectively prevents loose attachment over time

Чистый белый цвет  
(отдельный канал белого)

## Specific features

<b>light source:</b>	Nichia (Japan), Cree (USA)
<b>light color:</b>	white (3000K, 4000K, 5000K), RGBW
<b>optics:</b>	10°, 30°, 60°, 10α30°, 35x105°, 10x50°, 80°
<b>wattage:</b>	from 17 to 26 W
<b>luminous flux:</b>	mono: 1200-2050 lm, RGBW: 810-1350 lm
<b>voltage:</b>	90-264 V AC
<b>control:</b>	DMX-512, DMX-512+RDM
<b>protection class:</b>	Ip65
<b>operating temperature:</b>	-40°C ... +55°C
<b>lifespan:</b>	not less than 50 000 hours
<b>weight:</b>	1,7 kg/1,8 kg
<b>lengths:</b>	290x140x93 mm
<b>materials:</b>	device enclosure: aluminum alloy; protective glass: tempered glass; mounting arms: cast aluminum alloy covered with powder paint to fit the luminaire color; mounts: stainless steel
<b>additional equipment:</b>	blind, lattice
<b>customization:</b>	diffuser glass, internal honeycomb lattice, control/power cables of any length up to 3 m, housing and accessories painting in any RAL color, production of customized accessories, IP68 connectors
<b>mounting:</b>	on an adjustable bracket



## Main technical features

10°

30°

60°

10a30°

10x50°

35x105°

80°



#### Optics:

- 10° narrow circularly-symmetric
- 30° medium circularly-symmetric
- 60° wide circularly-symmetric
- 10a30° narrow oval asymmetric
- 10x50° narrow oval
- 35x105° medium oval
- 80° very wide circularly-symmetric

#### Customization:

- internal honeycomb lattice
- diffuser glass
- blind
- external lattice

## Lighting effect

