

# Optical starry sky



## Like stars across the sky

The lighting system based on optical fibers most realistically imitates the night sky with stars.

Optical fibers applied in the ceiling are led to a central light source. Light from the source is transmitted along the fibers and exits at the other end. Each thread thus represents one shining star.

## Setting the intensity

Thanks to modern technology, it is possible to arbitrarily set the intensity of the light and get closer to the reality of displaying real stars. This type of lighting is perfect for SPA, hotels, restaurants, home cinemas, bedrooms, bathrooms, swimming pools and other interior spaces to create a relaxing atmosphere. Optical fibers are suitable for application to the plasterboard ceiling or chipboards.



## Complete sets

The offer includes various sets adapted to the concrete surface in different densities.

The sets contain the complete accessories needed to assemble the starry sky.

There are several versions of the LED projector to choose from. The most realistic version of the star display is offered by the LED projector in cool white (CW).

The use of a multi-color projector (RBW / RGBW) allows you to create colorful static or changing effects.

**TIP:** A combination of both LED projectors is also possible, where it is recommended to connect 70% of the fiber cables to the CW projector and 30% of the fiber cables to the RGB (RGBW) projector.

## Accessories

Optical fibers of 3 diameters:

0.75 mm, 1 mm and 1.5 mm in a ratio of 90% : 5% : 5% ,

LED projector, power supply, glue, drills,

RGB (RGBW) controller included in case of multicolor version,  
paper template (optional).

## Paper template

To facilitate installation, we offer a printed paper template  
with a design of the star layout.

**If needed we can tailor a set to your needs.**



## Complete set - 150 optical fibers

area 2 x 1 m

interior | SPA | Wellness | saunas  
operating temperature: - 20 to 120 °C

Accessories

optical fibers, LED projector OP2, power supply, glue, drills,  
RGB (RGBW) controller in case of multicolor version, paper template (optional)

Optical fibers

2m length - ø 0,75 mm - 60 pcs  
2m length - ø 1,00 mm - 10 pcs  
2m length - ø 1,50 mm - 5 pcs

3m length - ø 0,75 mm - 60 pcs  
3m length - ø 1,00 mm - 10 pcs  
3m length - ø 1,50 mm - 5 pcs

Light source - LED module CREE

● Warm white: 5W LED | 3000 K  
● Natural white: 5W LED | 4000 K  
○ Cool white: 5W LED | 6000 K  
● RGB: 5W LED  
● RGBW: 6W LED

Code

● Warm white: OS2-150-2x1-WW  
● Natural white: OS2-150-2x1-NW  
○ Cool white: OS2-150-2x1-CW  
● RGB: OS2-150-2x1-RGB  
● RGBW: OS2-150-2x1-RGBW

CE UKCA IP65 Complete set: 230V AC / 50-60 Hz LED projektor: 12V DC

## Complete set - 230 optical fibers

area 2 x 1 m

interior | SPA | Wellness | saunas  
operating temperature: - 20 to 120 °C

Accessories

optical fibers, LED projector OP2, power supply, glue, drills,  
RGB (RGBW) controller in case of multicolor version, paper template (optional)

Optical fibers

2m length - ø 0,75 mm - 100 pcs  
2m length - ø 1,00 mm - 10 pcs  
2m length - ø 1,50 mm - 5 pcs

3m length - ø 0,75 mm - 100 pcs  
3m length - ø 1,00 mm - 10 pcs  
3m length - ø 1,50 mm - 5 pcs

Light source - LED module CREE

● Warm white: 5W LED | 3000 K  
● Natural white: 5W LED | 4000 K  
○ Cool white: 5W LED | 6000 K  
● RGB: 5W LED  
● RGBW: 6W LED

Code

● Warm white: OS2-230-2x1-WW  
● Natural white: OS2-230-2x1-NW  
○ Cool white: OS2-230-2x1-CW  
● RGB: OS2-230-2x1-RGB  
● RGBW: OS2-230-2x1-RGBW

CE UKCA IP65 Complete set: 230V AC / 50-60 Hz LED projektor: 12V DC

## Complete set - 430 optical fibers

area 2 x 1 m

interior | SPA | Wellness | saunas  
operating temperature: - 20 to 120 °C

Accessories

optical fibers, LED projector OP2, power supply, glue, drills,  
RGB (RGBW) controller in case of multicolor version, paper template (optional)

Optical fibers

2m length - ø 0,75 mm - 190 pcs  
2m length - ø 1,00 mm - 15 pcs  
2m length - ø 1,50 mm - 10 pcs

3m length - ø 0,75 mm - 190 pcs  
3m length - ø 1,00 mm - 15 pcs  
3m length - ø 1,50 mm - 10 pcs

Light source - LED module CREE

● Warm white: 5W LED | 3000 K  
● Natural white: 5W LED | 4000 K  
○ Cool white: 5W LED | 6000 K  
● RGB: 5W LED  
● RGBW: 6W LED

Code

● Warm white: OS2-430-2x1-WW  
● Natural white: OS2-430-2x1-NW  
○ Cool white: OS2-430-2x1-CW  
● RGB: OS2-430-2x1-RGB  
● RGBW: OS2-430-2x1-RGBW

CE UKCA IP65 Complete set: 230V AC / 50-60 Hz LED projektor: 12V DC

*Note: The sets can be dimmed using external controllers. They work on the principle of low-voltage dimming.*

## Complete set - 330 optical fibers

### area 2 x 1,5 m

interior | SPA | Wellness | saunas  
operating temperature: - 20 to 120 °C

#### Accessories

optical fibers, LED projector OP2, power supply, glue, drills,  
RGB (RGBW) controller in case of multicolor version, paper template (optional)

#### Optical fibers

2,5m length - ø 0,75 mm - 150 pcs  
2,5m length - ø 1,00 mm - 10 pcs  
2,5m length - ø 1,50 mm - 5 pcs

3,5m length - ø 0,75 mm - 150 pcs  
3,5m length - ø 1,00 mm - 10 pcs  
3,5m length - ø 1,50 mm - 5 pcs

#### Light source - LED module CREE

● Warm white: 5W LED | 3000 K  
● Natural white: 5W LED | 4000 K  
○ Cool white: 5W LED | 6000 K  
● RGB: 5W LED  
● RGBW: 6W LED

#### Code

● Warm white: OS2-330-2x1,5-WW  
● Natural white: OS2-330-2x1,5-NW  
○ Cool white: OS2-330-2x1,5-CW  
● RGB: OS2-330-2x1,5-RGB  
● RGBW: OS2-330-2x1,5-RGBW

CE UKCA IP65 Complete set: 230V AC / 50-60 Hz LED projector: 12V DC

## Complete set - 530 optical fibers

### area 2 x 1,5 m

interior | SPA | Wellness | saunas  
operating temperature: - 20 to 120 °C

#### Accessories

optical fibers, LED projector OP2, power supply, glue, drills,  
RGB (RGBW) controller in case of multicolor version, paper template (optional)

#### Optical fibers

2,5m length - ø 0,75 mm - 240 pcs  
2,5m length - ø 1,00 mm - 15 pcs  
2,5m length - ø 1,50 mm - 10 pcs

3,5m length - ø 0,75 mm - 240 pcs  
3,5m length - ø 1,00 mm - 15 pcs  
3,5m length - ø 1,50 mm - 10 pcs

#### Light source - LED module CREE

● Warm white: 5W LED | 3000 K  
● Natural white: 5W LED | 4000 K  
○ Cool white: 5W LED | 6000 K  
● RGB: 5W LED  
● RGBW: 6W LED

#### Code

● Warm white: OS2-530-2x1,5-WW  
● Natural white: OS2-530-2x1,5-NW  
○ Cool white: OS2-530-2x1,5-CW  
● RGB: OS2-530-2x1,5-RGB  
● RGBW: OS2-530-2x1,5-RGBW

CE UKCA IP65 Complete set: 230V AC / 50-60 Hz LED projector: 12V DC

## Complete set - 400 optical fibers

### area 3 x 1,5 m

interior | SPA | Wellness | saunas  
operating temperature: - 20 to 120 °C

#### Accessories

optical fibers, LED projector OP2, power supply, glue, drills,  
RGB (RGBW) controller in case of multicolor version, paper template (optional)

#### Optical fibers

3m length - ø 0,75 mm - 180 pcs  
3m length - ø 1,00 mm - 10 pcs  
3m length - ø 1,50 mm - 10 pcs

4m length - ø 0,75 mm - 180 pcs  
4m length - ø 1,00 mm - 10 pcs  
4m length - ø 1,50 mm - 10 pcs

#### Light source - LED module CREE

● Warm white: 5W LED | 3000 K  
● Natural white: 5W LED | 4000 K  
○ Cool white: 5W LED | 6000 K  
● RGB: 5W LED  
● RGBW: 6W LED

#### Code

● Warm white: OS2-400-3x1,5-WW  
● Natural white: OS2-400-3x1,5-NW  
○ Cool white: OS2-400-3x1,5-CW  
● RGB: OS2-400-3x1,5-RGB  
● RGBW: OS2-400-3x1,5-RGBW

CE UKCA IP65 Complete set: 230V AC / 50-60 Hz LED projector: 12V DC

*Note: The sets can be dimmed using external controllers. They work on the principle of low-voltage dimming.*

## Complete set - 600 optical fibers

### area 3 x 1,5 m

interior | SPA | Wellness | saunas  
operating temperature: - 20 to 120 °C

#### Accessories

optical fibers, LED projector OP1, power supply, glue, drills,  
RGB (RGBW) controller in case of multicolor version, paper template (optional)

#### Optical fibers

3m length - ø 0,75 mm - 270 pcs  
3m length - ø 1,00 mm - 15 pcs  
3m length - ø 1,50 mm - 15 pcs

4m length - ø 0,75 mm - 270 pcs  
4m length - ø 1,00 mm - 15 pcs  
4m length - ø 1,50 mm - 15 pcs

#### Light source - LED module CREE

● Warm white: 16W LED | 3000 K  
● Natural white: 16W LED | 4000 K  
○ Cool white: 16W LED | 6000 K  
● RGB: 11W LED  
● RGBW: 16W LED

#### Code

● Warm white: OS1-600-3x1,5-WW  
● Natural white: OS1-600-3x1,5-NW  
○ Cool white: OS1-600-3x1,5-CW  
● RGB: OS1-600-3x1,5-RGB  
● RGBW: OS1-600-3x1,5-RGBW

CE UKCA IP65 Complete set: 230V AC / 50-60 Hz LED projector: 24V DC

## Complete set - 550 optical fibers

### area 3 x 2 m

interior | SPA | Wellness | saunas  
operating temperature: - 20 to 120 °C

#### Accessories

optical fibers, LED projector OP2, power supply, glue, drills,  
RGB (RGBW) controller in case of multicolor version, paper template (optional)

#### Optical fibers

3m length - ø 0,75 mm - 255 pcs  
3m length - ø 1,00 mm - 10 pcs  
3m length - ø 1,50 mm - 10 pcs

5m length - ø 0,75 mm - 255 pcs  
5m length - ø 1,00 mm - 10 pcs  
5m length - ø 1,50 mm - 10 pcs

#### Light source - LED module CREE

● Warm white: 5W LED | 3000 K  
● Natural white: 5W LED | 4000 K  
○ Cool white: 5W LED | 6000 K  
● RGB: 5W LED  
● RGBW: 6W LED

#### Code

● Warm white: OS2-550-3x2-WW  
● Natural white: OS2-550-3x2-NW  
○ Cool white: OS2-550-3x2-CW  
● RGB: OS2-550-3x2-RGB  
● RGBW: OS2-550-3x2-RGBW

CE UKCA IP65 Complete set: 230V AC / 50-60 Hz LED projector: 12V DC

## Complete set - 750 optical fibers

### area 3 x 2 m

interior | SPA | Wellness | saunas  
operating temperature: - 20 to 120 °C

#### Accessories

optical fibers, LED projector OP1, power supply, glue, drills,  
RGB (RGBW) controller in case of multicolor version, paper template (optional)

#### Optical fibers

3m length - ø 0,75 mm - 345 pcs  
3m length - ø 1,00 mm - 15 pcs  
3m length - ø 1,50 mm - 15 pcs

5m length - ø 0,75 mm - 345 pcs  
5m length - ø 1,00 mm - 15 pcs  
5m length - ø 1,50 mm - 15 pcs

#### Light source - LED module CREE

● Warm white: 16W LED | 3000 K  
● Natural white: 16W LED | 4000 K  
○ Cool white: 16W LED | 6000 K  
● RGB: 11W LED  
● RGBW: 16W LED

#### Code

● Warm white: OS1-750-3x2-WW  
● Natural white: OS1-750-3x2-NW  
○ Cool white: OS1-750-3x2-CW  
● RGB: OS1-750-3x2-RGB  
● RGBW: OS1-750-3x2-RGBW

CE UKCA IP65 Complete set: 230V AC / 50-60 Hz LED projector: 24V DC

*Note: The sets can be dimmed using external controllers. They work on the principle of low-voltage dimming.*

## Complete set - 700 optical fibers

### area 3 x 3 m

interior | SPA | Wellness | saunas  
operating temperature: - 20 to 120 °C

#### Accessories

optical fibers, LED projector OP1, power supply, glue, drills,  
RGB (RGBW) controller in case of multicolor version, paper template (optional)

#### Optical fibers

4m length - ø 0,75 mm - 320 pcs  
4m length - ø 1,00 mm - 15 pcs  
4m length - ø 1,50 mm - 15 pcs

6m length - ø 0,75 mm - 320 pcs  
6m length - ø 1,00 mm - 15 pcs  
6m length - ø 1,50 mm - 15 pcs

#### Light source - LED module CREE

● Warm white: 16W LED | 3000 K  
● Natural white: 16W LED | 4000 K  
○ Cool white: 16W LED | 6000 K  
● RGB: 11W LED  
● RGBW: 16W LED

#### Code

● Warm white: OS1-700-3x3-WW  
● Natural white: OS1-700-3x3-NW  
○ Cool white: OS1-700-3x3-CW  
● RGB: OS1-700-3x3-RGB  
● RGBW: OS1-700-3x3-RGBW

CE UKCA IP65 Complete set: 230V AC / 50-60 Hz LED projector: 24V DC

## Complete set - 850 optical fibers

### area 3 x 3 m

interior | SPA | Wellness | saunas  
operating temperature: - 20 to 120 °C

#### Accessories

optical fibers, LED projector OP1, power supply, glue, drills,  
RGB (RGBW) controller in case of multicolor version, paper template (optional)

#### Optical fibers

4m length - ø 0,75 mm - 385 pcs  
4m length - ø 1,00 mm - 20 pcs  
4m length - ø 1,50 mm - 20 pcs

6m length - ø 0,75 mm - 385 pcs  
6m length - ø 1,00 mm - 20 pcs  
6m length - ø 1,50 mm - 20 pcs

#### Light source - LED module CREE

● Warm white: 16W LED | 3000 K  
● Natural white: 16W LED | 4000 K  
○ Cool white: 16W LED | 6000 K  
● RGB: 11W LED  
● RGBW: 16W LED

#### Code

● Warm white: OS1-850-3x3-WW  
● Natural white: OS1-850-3x3-NW  
○ Cool white: OS1-850-3x3-CW  
● RGB: OS1-850-3x3-RGB  
● RGBW: OS1-850-3x3-RGBW

CE UKCA IP65 Complete set: 230V AC / 50-60 Hz LED projector: 24V DC

## Complete set - 800 optical fibers

### area 4 x 3 m

interior | SPA | Wellness | saunas  
operating temperature: - 20 to 120 °C

#### Accessories

optical fibers, LED projector OP1, power supply, glue, drills,  
RGB (RGBW) controller in case of multicolor version, paper template (optional)

#### Optical fibers

3m length - ø 0,75 mm - 160 pcs  
3m length - ø 1,00 mm - 10 pcs  
3m length - ø 1,50 mm - 10 pcs

4,5m length - ø 0,75 mm - 400 pcs  
4,5m length - ø 1,00 mm - 20 pcs  
4,5m length - ø 1,50 mm - 20 pcs

6m length - ø 0,75 mm - 160 pcs  
6m length - ø 1,00 mm - 10 pcs  
6m length - ø 1,50 mm - 10 pcs

#### Light source - LED module CREE

● Warm white: 16W LED | 3000 K  
● Natural white: 16W LED | 4000 K  
○ Cool white: 16W LED | 6000 K  
● RGB: 11W LED  
● RGBW: 16W LED

#### Code

● Warm white: OS1-800-4x3-WW  
● Natural white: OS1-800-4x3-NW  
○ Cool white: OS1-800-4x3-CW  
● RGB: OS1-800-4x3-RGB  
● RGBW: OS1-800-4x3-RGBW

CE UKCA IP65 Complete set: 230V AC / 50-60 Hz LED projector: 24V DC

*Note: The sets can be dimmed using external controllers. They work on the principle of low-voltage dimming.*

## Complete set - 1100 optical fibers

### area 4 x 3 m

interior | SPA | Wellness | saunas  
operating temperature: - 20 to 120 °C

#### Accessories

optical fibers, LED projector OP2 - 2 pcs., power supply, glue, drills,  
RGB (RGBW) controller in case of multicolor version, paper template (optional)

#### Optical fibers

3m length - ø 0,75 mm - 230 pcs  
3m length - ø 1,00 mm - 10 pcs  
3m length - ø 1,50 mm - 10 pcs

4,5m length - ø 0,75 mm - 560 pcs  
4,5m length - ø 1,00 mm - 20 pcs  
4,5m length - ø 1,50 mm - 20 pcs

6m length - ø 0,75 mm - 230 pcs  
6m length - ø 1,00 mm - 10 pcs  
6m length - ø 1,50 mm - 10 pcs

#### Light source - LED module CREE

● Warm white: 2 x 5W LED | 3000 K  
● Natural white: 2 x 5W LED | 4000 K  
○ Cool white: 2 x 5W LED | 6000 K  
● RGB: 2 x 5W LED  
● RGBW: 2 x 6W LED

#### Code

● Warm white: OS2-1100-4x3-WW  
● Natural white: OS2-1100-4x3-NW  
○ Cool white: OS2-1100-4x3-CW  
● RGB: OS2-1100-4x3-RGB  
● RGBW: OS2-1100-4x3-RGBW

CE UKCA IP65 Complete set: 230V AC / 50-60 Hz LED projector: 12V DC

## Complete set - 900 optical fibers

### area 5 x 3 m

interior | SPA | Wellness | saunas  
operating temperature: - 20 to 120 °C

#### Accessories

optical fibers, LED projector OP1, power supply, glue, drills,  
RGB (RGBW) controller in case of multicolor version, paper template (optional)

#### Optical fibers

3m length - ø 0,75 mm - 150 pcs  
3m length - ø 1,00 mm - 5 pcs  
3m length - ø 1,50 mm - 5 pcs

5m length - ø 0,75 mm - 300 pcs  
5m length - ø 1,00 mm - 20 pcs  
5m length - ø 1,50 mm - 20 pcs

7m length - ø 0,75 mm - 350 pcs  
7m length - ø 1,00 mm - 25 pcs  
7m length - ø 1,50 mm - 25 pcs

#### Light source - LED module CREE

● Warm white: 16W LED | 3000 K  
● Natural white: 16W LED | 4000 K  
○ Cool white: 16W LED | 6000 K  
● RGB: 11W LED  
● RGBW: 16W LED

#### Code

● Warm white: OS1-900-5x3-WW  
● Natural white: OS1-900-5x3-NW  
○ Cool white: OS1-900-5x3-CW  
● RGB: OS1-900-5x3-RGB  
● RGBW: OS1-900-5x3-RGBW

CE UKCA IP65 Complete set: 230V AC / 50-60 Hz LED projector: 24V DC

## Complete set - 1400 optical fibers

### area 5 x 3 m

interior | SPA | Wellness | saunas  
operating temperature: - 20 to 120 °C

#### Accessories

optical fibers, LED projector OP1 - 2 pcs., power supply, glue, drills,  
RGB (RGBW) controller in case of multicolor version, paper template (optional)

#### Optical fibers

3m length - ø 0,75 mm - 200 pcs  
3m length - ø 1,00 mm - 5 pcs  
3m length - ø 1,50 mm - 5 pcs

5m length - ø 0,75 mm - 450 pcs  
5m length - ø 1,00 mm - 25 pcs  
5m length - ø 1,50 mm - 25 pcs

7m length - ø 0,75 mm - 620 pcs  
7m length - ø 1,00 mm - 35 pcs  
7m length - ø 1,50 mm - 35 pcs

#### Light source - LED module CREE

● Warm white: 2 x 16W LED | 3000 K  
● Natural white: 2 x 16W LED | 4000 K  
○ Cool white: 2 x 16W LED | 6000 K  
● RGB: 2 x 11W LED  
● RGBW: 2 x 16W LED

#### Code

● Warm white: OS1-1400-5x3-WW  
● Natural white: OS1-1400-5x3-NW  
○ Cool white: OS1-1400-5x3-CW  
● RGB: OS1-1400-5x3-RGB  
● RGBW: OS1-1400-5x3-RGBW

CE UKCA IP65 Complete set: 230V AC / 50-60 Hz LED projector: 24V DC

*Note: The sets can be dimmed using external controllers. They work on the principle of low-voltage dimming.*

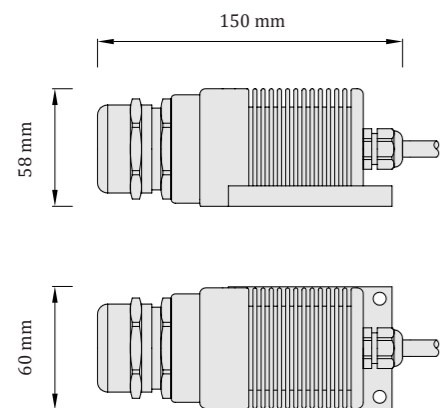


## LED projector OP1

Light source for optical cables

interior | SPA | Wellness  
 operating temperature: - 20 to 120 °C  
 projector temperature: 63 °C  
 material: aluminium  
 finish: black anodized

CE UKCA IP41 24V DC



### Quantity of optical cables

Cable gland D17: max. 230 optical cables  
 Cable gland D21: max. 550 optical cables  
 Cable gland D28: max. 900 optical cables  
 in a ratio 90% : 5% : 5% (ø 0,75 mm : ø 1 mm : ø 1,5 mm)

### Light source - LED module CREE Code

Light source - LED module CREE	Code
● Warm white: 16W LED   3000 K	OP1-d17-WW-16W-24V
● Natural white: 16W LED   4000 K	OP1-d17-NW-16W-24V
● Cool white: 16W LED   6000 K	OP1-d17-CW-16W-24V
● RGB: 11W LED	OP1-d17-RGB-11W-24V
● RGBW: 16W LED	OP1-d17-RGBW-16W-24V

### Light source - LED module CREE Code

Light source - LED module CREE	Code
● Warm white: 16W LED   3000 K	OP1-d21-WW-16W-24V
● Natural white: 16W LED   4000 K	OP1-d21-NW-16W-24V
● Cool white: 16W LED   6000 K	OP1-d21-CW-16W-24V
● RGB: 11W LED	OP1-d21-RGB-11W-24V
● RGBW: 16W LED	OP1-d21-RGBW-16W-24V

### Light source - LED module CREE Code

Light source - LED module CREE	Code
● Warm white: 16W LED   3000 K	OP1-d28-WW-16W-24V
● Natural white: 16W LED   4000 K	OP1-d28-NW-16W-24V
● Cool white: 16W LED   6000 K	OP1-d28-CW-16W-24V
● RGB: 11W LED	OP1-d28-RGB-11W-24V
● RGBW: 16W LED	OP1-d28-RGBW-16W-24V

LED projector can be dimmed (controllable) using external controllers. It works on the principle of low-voltage dimming. Controller and power supply are not included.

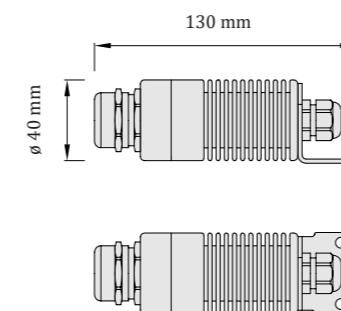


## LED projector OP2

Light source for optical cables

interior | SPA | Wellness  
 operating temperature: - 20 to 120 °C  
 projector temperature: 50 °C  
 material: aluminium  
 finish: black anodized

CE UKCA IP41 12V DC



### Quantity of optical cables

Cable gland D17: max. 230 optical cables  
 Cable gland D21: max. 550 optical cables  
 in a ratio 90% : 5% : 5% (ø 0,75 mm : ø 1 mm : ø 1,5 mm)

### Light source - LED module CREE Code

Light source - LED module CREE	Code
● Warm white: 5W LED   3000 K	OP2-d17-WW-5W-12V
● Natural white: 5W LED   4000 K	OP2-d17-NW-5W-12V
● Cool white: 5W LED   6000 K	OP2-d17-CW-5W-12V
● RGB: 5W LED	OP2-d17-RGB-5W-12V
● RGBW: 6W LED	OP2-d17-RGBW-6W-12V

### Light source - LED module CREE Code

Light source - LED module CREE	Code
● Warm white: 5W LED   3000 K	OP2-d21-WW-5W-12V
● Natural white: 5W LED   4000 K	OP2-d21-NW-5W-12V
● Cool white: 5W LED   6000 K	OP2-d21-CW-5W-12V
● RGB: 5W LED	OP2-d21-RGB-5W-12V
● RGBW: 6W LED	OP2-d21-RGBW-6W-12V

LED projector can be dimmed (controllable) using external controllers. It works on the principle of low-voltage dimming. Controller and power supply are not included.