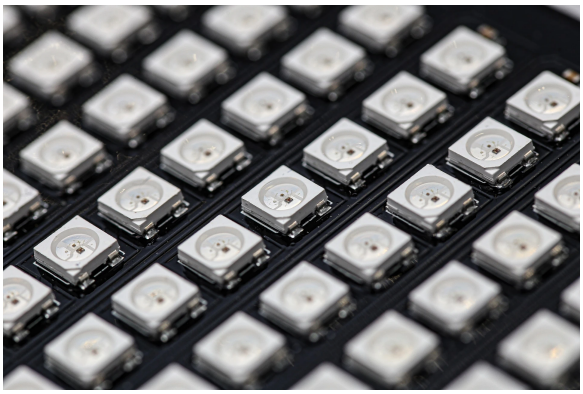
# RGBW / RGB

| | |
|---|---|
| Luminous flux tolerance | 10% |
| Working temperature range | -30˚C ÷ +60˚C |



Niviss reserves the right to make technical changes without prior notice
product_card_20261107_111936

# RGBW / RGB



## ORDER CODE AND TECHNICAL SPECIFICATIONS OF VARIANTS

## VARIANT CODES IN THE TABLE BELOW TECHNICAL SPECIFICATIONS OF VARIANTS IN DATASHEET OF VARIANT

### GENERAL TERMS OF USE

- Pay attention to the correct polarity when connecting the LED modules. Incorrect polarity could potentially damage them.
- Modules should be attached to heatsink to dissipate heat from LED module. Temperature on the module shouldn't be higher than recommended by Cree®. Due to power of the module, appropriate heatsink should be used with thermal conductive tape or paste. The lower temperature on LED module causes longer lifetime.
- During installation of the LED module it is absolutely necessary to use ESD protection. Luminaire design should protect the module from ESD.
- Lenses, diodes and other components on the module must be protected against mechanical damage and exposure to liquids and dirt.
- The modules can not have contact with hazardous and corrosive substances or aromatic organic compounds such as toluene, acetone, xylene, benzene.
- For installation of modules substances recommended and tested by the CREE LED® should be used. The list of substances available on the manufacturer's website: cree-led.com. In case of using substances not listed on official list of the chemical compatibility tests have to be done before use.

**ENVIRONMENTAL CAUTION!**

It is prohibited to dispose of obsolete and waste electrical and electronic equipment together with regular household wastes. They should be properly sorted and recycled. Old electrical and electronic equipment should be returned to a waste collection point established by a waste-management service. Waste electrical and electronic equipment can be broken down to base materials and then recycled. For more information regarding waste management please contact your local authorities, waste-management service or the seller of electrical and electronic devices.

CONTACT: +48 58 781 33 99 sales@niviss.com www.niviss.com

Niviss reserves the right to make technical changes without prior notice
product_card_20261107_111936

## ORDER CODE AND TECHNICAL SPECIFICATIONS OF VARIANTS

| Lumen output [lm] | Index | [K] | Lumen Output Red [lm] | Lumen Output Green [lm] | Lumen Output Blue [lm] | Max power [W] | Typ current [A] | Max current [A] | Length [mm] | Width [mm] | LED family | Thermal conductivity substrate | Copper thickness [µm] | LED quantity | LED connection type | LED color | Diam [m |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 80 | NT-1RB35I-XMLRGBWW | 3000 | 85 | 85 | 14 | 3 | 350 | 1000 | 35 | 35 | XM-L | 2 | 35 | 1 | Individual | RGBW | - |
| 80 | NT-1RB35I-XMLRGBWN | 4000 | 85 | 85 | 14 | 3 | 350 | 1000 | 35 | 35 | XM-L | 2 | 35 | 1 | Individual | RGBN | - |
| 100 | NT-1RB35I-XMLRGBWC | 5700 | 85 | 85 | 14 | 3 | 350 | 1000 | 35 | 35 | XM-L | 2 | 35 | 1 | Individual | RGBC | - |
| 100 | NT-1SB22I-XMLRGBWC | 5700 | 85 | 85 | 14 | 3 | 350 | 1000 | - | - | XM-L | 2 | 35 | 1 | Individual | RGBC | 2 |
| 80 | NT-1SB22I-XMLRGBWN | 4000 | 85 | 85 | 14 | 3 | 350 | 1000 | - | - | XM-L | 2 | 35 | 1 | Individual | RGBN | 2 |
| 80 | NT-1SB22-MCERGBWN | 4000 | 30 | 65 | 8 | 2.1 | 350 | 700 | - | - | MC-E | 2 | 35 | 1 | Individual | RGBN | 2 |
| 80 | NT-1SB22-XMLRGBW | 3000 | 85 | 85 | 14 | 3 | 350 | 1000 | - | - | XM-L | 2 | 35 | 1 | Individual | RGBW | 2 |
| 25 | MOD-MICRO-LED-RGBW | 3000 | 14 | 30 | 8 | 2 | 100 | 400 | - | - | CLQ6A | - | 35 | 1 | Individual | RGBW | 1 |
| 25 | MOD-MICRO-LED-RGBN | 4000 | 14 | 30 | 8 | 2 | 100 | 400 | - | - | CLQ6A | - | 35 | 1 | Individual | RGBN | 1 |
| 30 | MOD-MICRO-LED-RGBC | 5700 | 14 | 30 | 8 | 2 | 100 | 400 | - | - | CLQ6A | - | 35 | 1 | Individual | RGBC | 1 |
| - | SP-STANDARD-RGB-LEDBOARD | - | 72 | 145 | 52 | 3.6 na kanał | 350 | 1200 | - | - | XP-E2/XP-G3 | 2.2 | 35 | 3 | Individual | RGB | 3 |
| 430 | SP-GROUND-MEDIUM-LEDBOARD-RGBW | 3000 | 215 | 440 | 155 | 10.8 na kanał | 350 | 1200 | - | - | XP-E2/XP-G3 | 2.2 | 35 | 4x3 | Series | RGBW | 6 |
| 430 | SP-GROUND-MEDIUM-LEDBOARD-RGBN | 4000 | 215 | 440 | 155 | 10.8 na kanał | 350 | 1200 | - | - | XP-E2/XP-G3 | 2.2 | 35 | 4x3 | Series | RGBN | 6 |
| 520 | SP-GROUND-MEDIUM-LEDBOARD-RGBC | 5700 | 215 | 440 | 155 | 10.8 na kanał | 350 | 1200 | - | - | XP-E2/XP-G3 | 2.2 | 35 | 4x3 | Series | RGBC | 6 |
| 430 | SP-GROUND-BIG-LEDBOARD-RGBW | 3000 | 215 | 440 | 155 | 10.8 na kanał | 350 | 1200 | - | - | XP-E2/XP-G3 | 1.3 | 35 | 4x3 | Series | RGBW | 5 |
| 430 | SP-GROUND-BIG-LEDBOARD-RGBN | 4000 | 215 | 440 | 155 | 10.8 na kanał | 350 | 1200 | - | - | XP-E2/XP-G3 | 1.3 | 35 | 4x3 | Series | RGBN | 5 |
| 520 | SP-GROUND-BIG-LEDBOARD-RGBC | 5700 | 215 | 440 | 155 | 10.8 na kanał | 350 | 1200 | - | - | XP-E2/XP-G3 | 1.3 | 35 | 4x3 | Series | RGBC | 5 |
| - | MOD-NWG-RGBW | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |



Niviss reserves the right to make technical changes without prior notice
product_card_20261107_111936