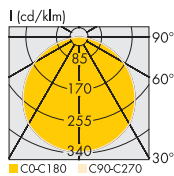


AluLED IP66/IP67

Technical notes

Voltage supply: 24 V DC
 Beam angle: 120°
 Allowed ambient temperature t_a : -30 to 85 °C
 Allowed storage temperature: -40 to 85 °C
 Degree of protection: IP66/IP67
 Maximum bridging current load: 3 A
 Lumen maintenance for white AluLED
 L70/B20: > 50,000 hrs. at $t_p/t_c < 50$ °C
 Packaging unit: 20 pcs. including mounting clips (brackets) and screws

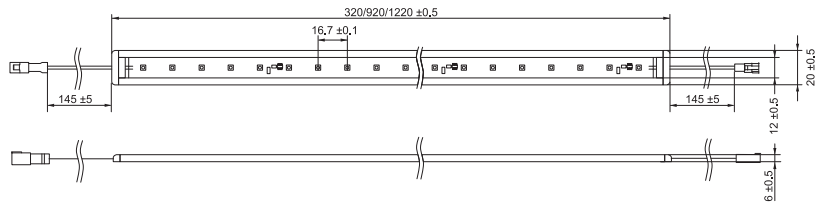


Optical characteristics

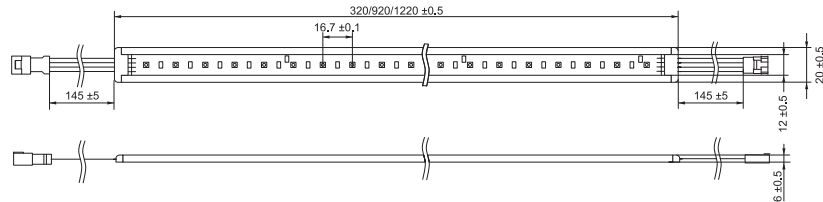
at $t_p = 50$ °C



White / Blue AluLED



RGB AluLED



| Type | Ref. No. | Length mm | No. of LEDs | Current mA | Colour | Colour temperature [K] | Luminous flux* lm | Power W |
|----------------------------------|---------------|-----------|-------------|------------|------------|------------------------|-------------------|---------|
| White modules | | | | | | | | |
| AluLED-320-2700-II Fully Coated | 571125 | 320 | 18 | 140 | warm white | 2700 ±300 | 200 | 3.4 |
| AluLED-520-2700-II Fully Coated | 571159 | 520 | 30 | 235 | warm white | 2700 ±300 | 333 | 5.7 |
| AluLED-920-2700-II Fully Coated | 571126 | 920 | 54 | 420 | warm white | 2700 ±300 | 600 | 10.1 |
| AluLED-1220-2700-II Fully Coated | 571127 | 1220 | 72 | 560 | warm white | 2700 ±300 | 800 | 13.5 |
| AluLED-320-3000-II Fully Coated | 561698 | 320 | 18 | 140 | warm white | 3000 ±300 | 240 | 3.4 |
| AluLED-520-3000-II Fully Coated | 571160 | 520 | 30 | 235 | warm white | 3000 ±300 | 400 | 5.7 |
| AluLED-920-3000-II Fully Coated | 561699 | 920 | 54 | 420 | warm white | 3000 ±300 | 720 | 10.1 |
| AluLED-1220-3000-II Fully Coated | 561700 | 1220 | 72 | 560 | warm white | 3000 ±300 | 960 | 13.5 |
| AluLED-320-4000-II Fully Coated | 571136 | 320 | 18 | 140 | cool white | 4000 ±300 | 300 | 3.4 |
| AluLED-520-4000-II Fully Coated | 571161 | 520 | 30 | 235 | cool white | 4000 ±300 | 500 | 5.7 |
| AluLED-920-4000-II Fully Coated | 571137 | 920 | 54 | 420 | cool white | 4000 ±300 | 900 | 10.1 |
| AluLED-1220-4000-II Fully Coated | 571138 | 1220 | 72 | 560 | cool white | 4000 ±300 | 1200 | 13.5 |
| AluLED-320-6000-II Fully Coated | 571115 | 320 | 18 | 140 | cool white | 6000 ±300 | 280 | 3.4 |
| AluLED-520-6000-II Fully Coated | 571162 | 520 | 30 | 235 | cool white | 6000 ±300 | 467 | 5.7 |
| AluLED-920-6000-II Fully Coated | 571116 | 920 | 54 | 420 | cool white | 6000 ±300 | 840 | 10.1 |
| AluLED-1220-6000-II Fully Coated | 571117 | 1220 | 72 | 560 | cool white | 6000 ±300 | 1120 | 13.5 |

* Production tolerance of luminous flux: ± 10%

| Type | Ref. No. | Length mm | No. of LEDs | Total current mA | Luminous flux (lm) | | | Dom. wavelength (nm) | | | Total power W |
|----------------------------------|---------------|-----------|-------------|------------------|--------------------|-------|------|----------------------|---------|---------|---------------|
| | | | | | red | green | blue | red | green | blue | |
| RGB modules | | | | | | | | | | | |
| AluLED-320-RGB-II Fully Coated | 571130 | 320 | 18 | 140 | 25 | 75 | 15 | 620-630 | 520-535 | 465-475 | 3.4 |
| AluLED-920-RGB-II Fully Coated | 571131 | 920 | 54 | 420 | 75 | 225 | 45 | 620-630 | 520-535 | 465-475 | 10.1 |
| AluLED-1220-RGB-II Fully Coated | 571132 | 1220 | 72 | 560 | 100 | 300 | 60 | 620-630 | 520-535 | 465-475 | 13.5 |
| Blue modules | | | | | | | | | | | |
| AluLED-1220-BLUE-II Fully Coated | 571120 | 1220 | 72 | 560 | - | - | 240 | - | - | 465-475 | 13.5 |

The values contained in this data sheet can change due to technical innovations. Any such changes will be made without separate notification.