![PROLED®]
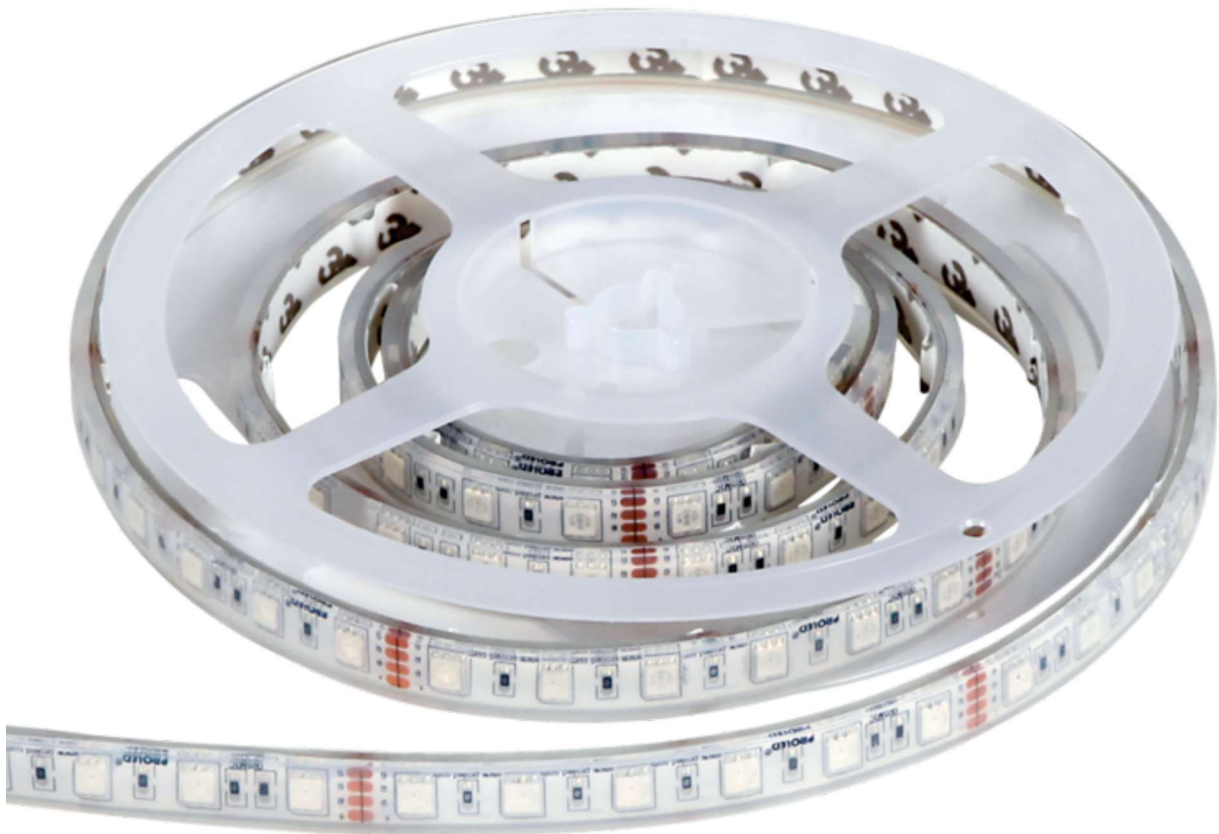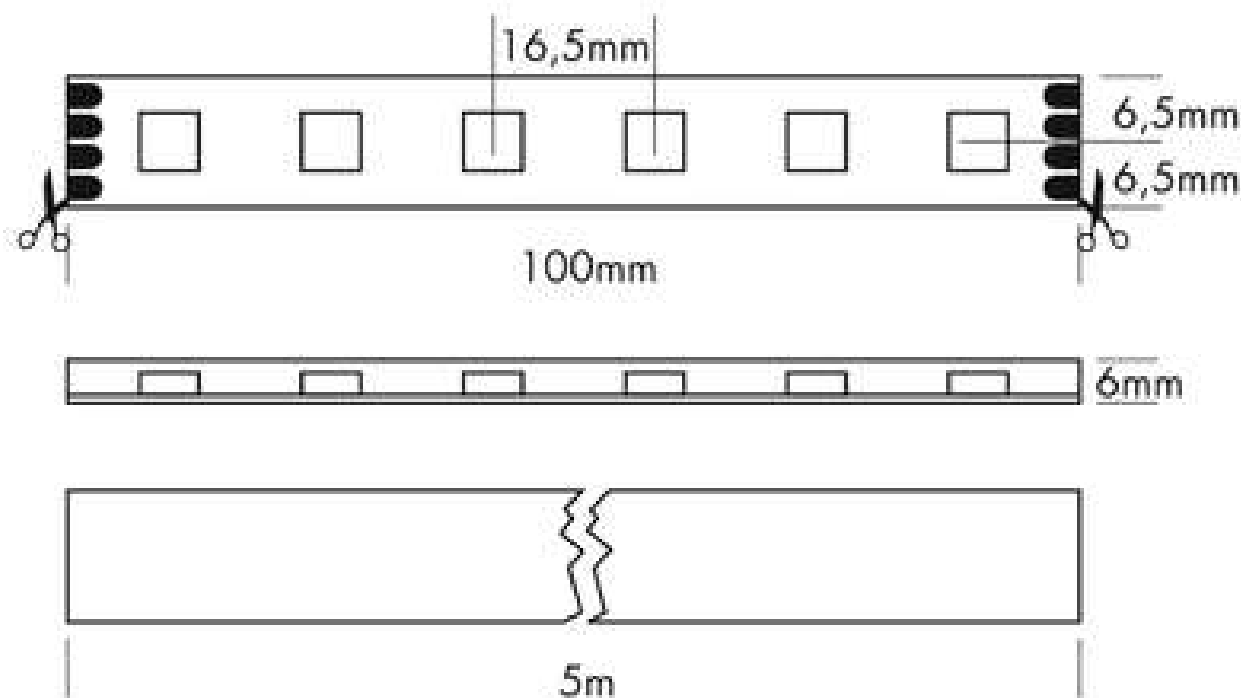
# Flex Strip IP68 HD RGB 5 m

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The PROLED FLEX STRIPS are perfect for indirect lighting, as custom made versions for fair or shop applications as well as for all kinds of illumination. Due to their shallow design and the individually adaptable lengths the PROLED FLEX STRIPS offer a wide spectrum of application possibilities.

- 3 colours in one LED, therefore 100% smooth colour mixing.

- High flexibility – adaptable to round shapes.

- Installation with clamps or special glue. The 3M adhesive tape on the strip's backside (self adhesive) is only as fit-up aid.

- IP68 for under water use (power supply cable/end caps IP65 when correctly sealed)

- dimmable, autom. colour change, controllable via DMX 512, DALI, KNX, 1-10 V, CASAMBI, RF by MULTI power supplies/controller

PROLED FLEX STRIP IP20+IP53+IP68 MANUAL (1.3 MB)

EULUMDAT/IES INFORMATION

ORDER EXAMPLE SPECIAL LENGTHS

"UL-LISTED" INFORMATION

## TECHNICAL DATA

| | |
|---|---|
| IP classification | IP68 (for under water use) |
| Power source | 24 VDC Common Anode (CA) |
| Electrical connection | 1x cable with 4-PIN connector male |
| Maximum quantity per power input | 5 m |
| Average lifetime* | 50.000 h at L80/B10 |
| Operating temperature range | -10° C till +45° C |
| Width x height | 13 x 6 mm |
| min. Bending radius | 20 mm |
| Cuttable | all 6 LEDs (10 cm) |

*With correct installation and a suitable thermal management.

## PHOTOMETRIC DATA

| LED type | SMD RGB 3-in-1 LEDs |
| --- | --- |
| Luminous flux | red 140 Lumen per m |
| | green 380 Lumen per m |
| | blue 90 Lumen per m |
| | r+g+b (white) 610 Lumen per m |
| Wave length | red 620 nm |
| | green 525 nm |
| | blue 470 nm |
| Beam angle | 120° |

Due to conditions of production photometric data can vary from production batch to production batch within the EU directive.

## PRODUCT TYPES

| order code | colour | length | LED pcs | LED power | power consumption* | weight |
| --- | --- | --- | --- | --- | --- | --- |
| **L6555** | RGB | 500 cm | 300 | 72 Watt | 64 Watt | 0,5 kg |

## Custom length. More information about special length and customizing see HERE.

| order code | colour | length | LED pcs | LED power | power consumption* | weight |
| --- | --- | --- | --- | --- | --- | --- |
| **L6555Z** | RGB | per meter (max. 5 m) | 60 per m | 14,4 Watt per m | max. 14,4 Watt per m | 0,1 kg |

*Actual power consumption