

# Dimmer for Radio remote control

## DIMMER RF 4CH 480W/12-36V IP20

# Radium

Product Datasheet Date: 02.04.2026



## General Data

Code Radium	LMRA3971
Désignation	DIMMER RF 4CH 480W/12-36V IP20
EAN 10 (unité)	4003556010697
Unité de transport (pièces)	100
EAN 40 (carton)	4003556410695
Poids brut du carton en kg	13
Longueur box in m	0.38
Largeur du carton en m	0.27
Hauteur du carton en m	0.28
Product weight	120 g
Product status	<span style="color: orange;">●</span> PhaseOut

## Electric Parameters

Input voltage (range)	12 - 36 V
Current max. per channel	5 A
Number of Channels	4
PWM frequency	750 Hz
Power controlled max.	480.0 W
Dimming interface	RF

## Service Life

Tc Temperature max.	75 °C
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## Specification

Length	176 mm
Height max.	18 mm
Height	18 mm
Width	46 mm
Model	Controller unit

## Notes on Operation

Degree of protection (IP)	IP20
Ambient temperatures	-20 ... +45°C
Tc Temperature max.	75 °C
Suitable Accessories	LMZA3973, LMZA4954

## Notes

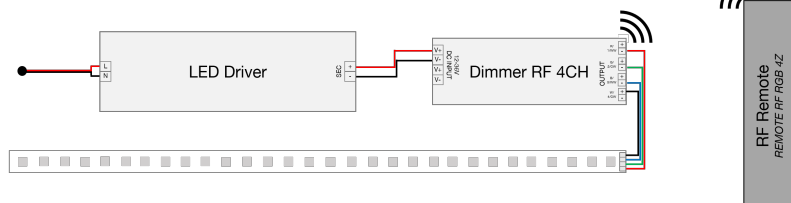
Four-channel dimmer for color mixing of RGB light &#43; control of brightness by RF remote control, up to a max. control load of 480W in the 12-36V range.

Please, refer to [www.radium.de/recycling](http://www.radium.de/recycling) for notes on disposal of burned-out lamps as well as lamp breakage.

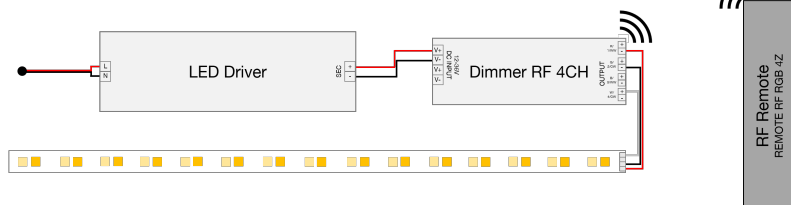
The "lifespan L70" described for LED lamps indicates the number of hours when the luminous flux has decreased to 70% of its initial value. The optimal field 'info about service life' contains the frame conditions according to standards based on which the specific service life has been determined. So, for example, "12B50, 50Hz" means that the mean service life (B50) has been determined with a 12h switching cycle at mains (frequency 50Hz), "3B50, HF" is based on a 3h switching cycle at electronic control gear (high frequency).

## Exemple(s) de circuit

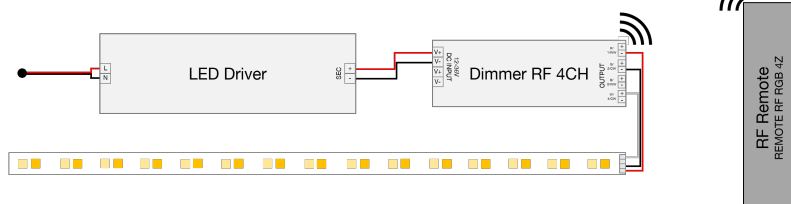
### Wiring example for RGB LED Strips



### Wiring example for Tunable White LED Strips



### Wiring example for Tunable White LED Strips

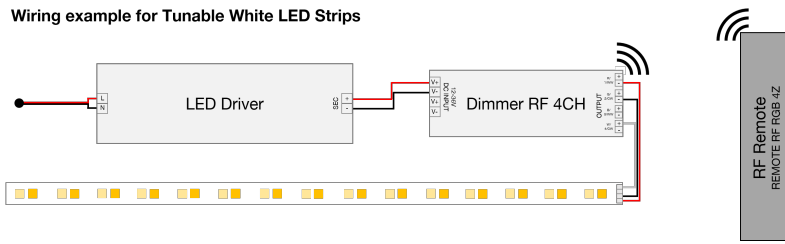


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### Wiring example for Tunable White LED Strips



### Particularités



### Notices explicatives générales

The technical design data in accordance with DIN and IEC. The producer does not take any responsibility for damage to persons or property in case of unsuitable operation or handling of the product. Operating data and dimensions are valid within the usual tolerances. Related lamp types (different bases, mains voltages) may be available on request. Sale and delivery are effected in accordance with the Radium Terms of Delivery and Payment valid on the day of conclusion of contract. Packing units offer economical advantages to the purchase and logistic department. Please match your quantity volume accordingly. For orders of a minimum quantity (clefts) with a lamp model the amount lower than the volume of each packaging unit, we will invoice 10 % additional charge per lamp type. Technical changes and terms of delivery are reserved. Manipulation of any kind to packaging or product is not permissible as this will violate Radium brand rights. Furthermore, technical properties of the product can change to its disadvantage or even destruction. Therefore, Radium cannot be responsible for consequential damages.

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All technical data without guarantee.