

THE TRISTAR® SERIES

Color-changing



TRISTAR®-MR16-RGB-F

TRISTAR®-MR16-RGB (V2.2)



TRISTAR®-MR16-RGB 5W LED Lamps

The TriStar®-MR16-RGB (V2.2) is a new reduced-size version of the TriStar®-MR16-RGB lamp.

The TriStar®-MR16-RGB-F lamp has a special frequency function that allows multiple lamps to be synchronized when they are connected to the same AC power source (120V/16VAC or 240VAC/16VAC toroidal or mechanical transformers are recommended).

Both styles can be controlled by the TriStar®-IR-1627 Remote Controller.

TRISTAR®-MR16-RGB-F and V2.2

Features

- High power 5W LED
- High luminous intensity output
- Min. 70% lumen maintenance after 35,000 hours
- Higher energy efficiency than incandescent and halogen lamps
- Cool beam (no UV or thermal radiation)
- Package mode: R-G-B multi-dies package
- Safety compliance: CE; RoHS compliant; EU-LVD conformity

TRISTAR®-MR16-RGB-F

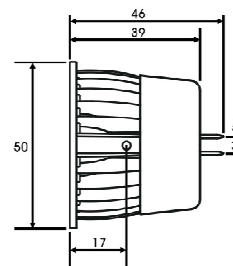
Special Feature

- TRISTAR®-MR16-RGB-F lamps have a special frequency function that auto-synchronizes the lamps when multiple lamps are connected to the same AC power source.

ELECTRONIC SPECIFICATIONS

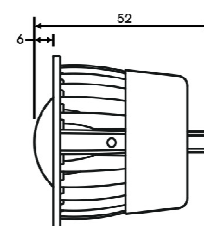
PARAMETERS	TRISTAR-MR16-RGB
ELECTRICAL:	
Power Supply Voltage (Typ.)	10~17 Vdc/Vac
Power Supply Current	<600mA
Power Consumption	< 5W
FUNCTIONS:	
Color Change Method	Power ON-OFF 1 sec. change color 5 sec. change color
Color Change Mode	Fade change Smooth change
Default Mix Color	16 colors
OPTICAL:	
Operating Life	>35,000 hrs.
Beam Angle (without lens)	60°
Beam Angle (with lens)	30°
ENVIRONMENT:	
Operation Temperature	-20~50°C
Storage Temperature	-40~60°C
Operation Humidity	10~90%

TRISTAR-MR16-RGB



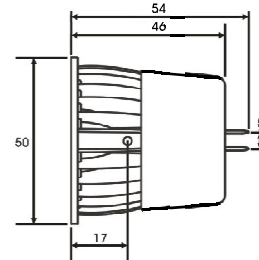
DIMENSIONS DRAWINGS

TRISTAR-MR16-RGB-L

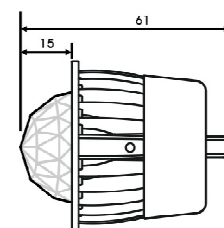


TRISTAR-MR16-RGB-L and TRISTAR-MR16-RGB-F-L with lens have a beam angle of 30°.

TRISTAR-MR16-RGB-F



TRISTAR-MR16-RGB-CRY



TRISTAR-MR16-RGB-CRY and TRISTAR-MR16-RGB-F-CRY have a crystal face.

Unit: mm

Taiwan Operations:
Color Stars, Inc.
 10F, No. 566 Jung Jeng Rd. Sindian City
 Taipei County 231, Taiwan, R.O.C.
 Tel: +886-2-8667-6600 Fax: +886-2-8667-1400
 Email: sales@colorstars.com Website: www.colorstars.com



Headquarters:
ColorStars Group
 300 Center Ave., Suite 202
 Bay City, MI 48708 USA
 Tel: 989-509-5924 Fax: 989-509-5924
 Email: sales@colorstars.com Website: www.colorstars.com