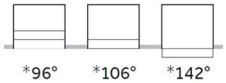
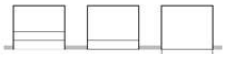
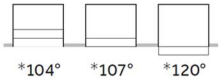
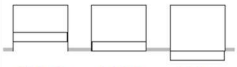
Warning

- Carefully read these instructions before assembling the luminaire, to assure its correct and safe working performance.
- Keep these instructions in a safe place for future consultation; contact your distributor in the event of malfunction.
- **Do not modify the luminaire. Modifying the luminaire in any way invalidates the guarantee of conformity with standards and directives in force and it could make the actual luminaire hazardous. Reggiani will not be responsible for any damage or injury due through misuse of product.**
- The luminaire must be installed by qualified experts in accordance with industry best practice.
- System is intended for installation in accordance with National Electric Code, and local regulations. Consult with local inspector to assure compliance.
- As a safety guarantee, any components damaged while the luminaire is operating must be replaced with the same components before it is used again.
- **Turn off power at main switch before installing or modifying the system to prevent the risk of fire, electrical shock and injuries to persons.**
- Warning: (Risk of fire) do not install insulation within 3 inches around fixture, or junction box, or in a manner to entrap heat.

General Features of Trybeca

- The Trybeca Recessed range is available in square, rectangular or round versions and five sizes, each with the same metric, so the luminaires integrate harmoniously with each other. Trybeca also comes in the Round Drop and Square drop Variants.
- For more technical information about the product (photometric, electrical data, size, weight, certification etc.) refer to the catalogue or see the product datasheet on www.reggianiusa.com.

Beam Angle Based on Diffuser Position				
1.5" Trybeca Recessed	3.0" Trybeca Recessed	4.0" Trybeca Recessed	6.0" Trybeca Recessed	12" Trybeca Recessed
 *66° *110° *152°	 *96° *106° *142°	 99° 106° 138°	 *104° *107° *120°	 *106° *110° *116°

Preparation and Assembly of the Luminaires

- First assemble plastic spacer. Spacer can accommodate three different diffuser positions (fig. 1).

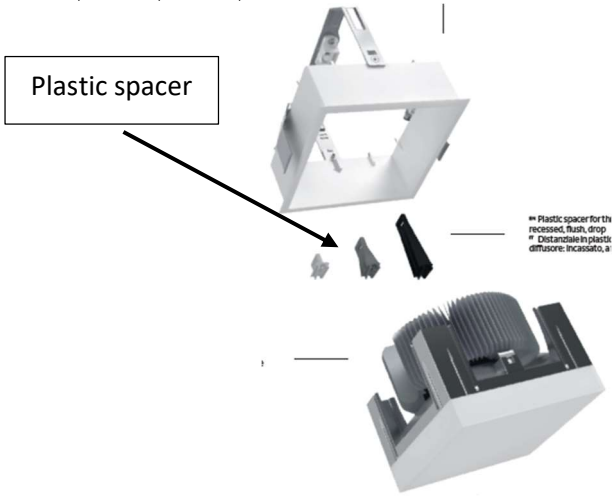
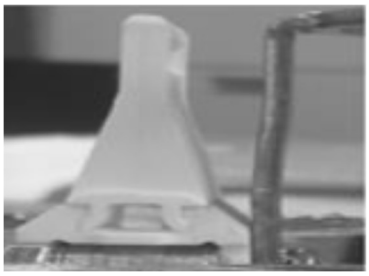


fig. 1



- Second, prepare ceiling by cutting out opening according to the following dimensions. (fig. 2)

Ceiling Cut Out Dimensions		
Size	Cut Out (Inch)	Tolerance
Trybeca 1.5"	Round 1.9" Square 1.9" x 1.9"	± 1/16
Trybeca 3.0"	Round 3.3" Square 3.3" x 3.3" Rectangular 3.3" x 5"	± 1/16
Trybeca 4.0"	Round 4.37" Square 4.37" x 4.37"	± 1/16
Trybeca 6.0"	Round 6.3" Square 6.3" x 6.3" Rectangle 6.3" x 8.6"	± 1/16
Trybeca 12"	Round Trim 13" Round Trimless 12" Square Trim 13" x 13" Square Trimless 12" x 12" Rec. Trim 13" x 8.4" Rec. Trimless 12" x 7.2"	± 1/16

fig. 2

Trimless Luminaire Installation

- Cut opening in ceiling (fig 3).
- Insert trimless chassis into ceiling cut out (fig 4).
- Install provided screws (x4) into corner locations (fig 5).
- Apply plaster, smoothing it evenly around the trimless flange (fig 6).
- Make electrical connections.
- Finish by securing light engine in the trimless chassis.

Trim Luminaire Installation

- Fixture mounting clips may accommodate the following ceiling thicknesses.

Maximum Ceiling Thickness	
Size	Thickness (inch)
Trybeca 1.5"	5/8"
Trybeca 3.0"	1-1/4"
Trybeca 4.0"	1-1/4"
Trybeca 6.0"	1-1/4"
Trybeca 12"	1-1/4"

- Secure trim chassis into ceiling cut out by pushing down on springs (fig 7).
- Make electrical connections.
- Finish by securing light engine in the trim chassis.

Remote Driver Installation

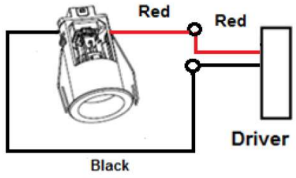
- Remote driver to be installed in an easily accessible location for future maintenance if necessary.
- Ambient operating range to range from -4 °F to +100 °F.
- Maximum driver distance is as follows.

Maximum Driver Distance	
Wire Gauge	Distance (ft)
18GA	60'
16GA	80'
14GA	100'

Single Fixture Wiring

- In single fixture wiring, one driver operates one fixture.
- Secondary wire between remote driver box and fixture to be provided by others.
- Red wire represents LED +, Black wire represents LED -

Wiring Diagram 2

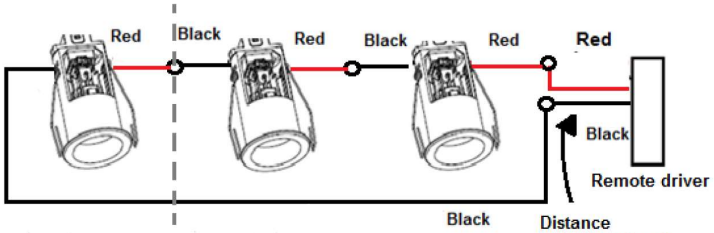


Home run wiring.
single fixture

Wired in parallel

Multiple Fixtures Wired in Series

- Fixtures in series to be wired per the following wire diagram.
- The number of fixtures to be wired in series back to one driver is specified on cutsheet.
- Secondary wire between remote driver box and fixture to be provided by others.
- Red wire represents LED +, Black wire represents LED -



Distance
(wire by others)
consult factory for
voltage drop guide

Wired in series

Semi-Remote Driver Installation

Wiring

- The driver supplied with the LED luminaire is specially designed to maximize performance. Unless the Reggiani engineering department issues specific authorization, use of other drivers is prohibited. The correct wiring sequence is to wire the LED to the DRIVER, then connect the DRIVER to mains power. The LED may be permanently damaged if it is wired to the DRIVER when the DRIVER is connected to the mains power supply.

Dimming

Phase Cut Dimmer

- The driver can be dimmed on the mains power by using a phase cut dimmer.

Analogue Dimmer (1-10V)

- The driver can be used to dim the luminous flux, drawing on a 0-10V direct voltage signal, transmitted by a stranded cable.

Dali Digital Dimmer

- The luminous flux is dimmed by sending a digital signal through a stranded cable that must be correctly wired to the (D+) and negative (D-) pole of the driver.

Diagrams