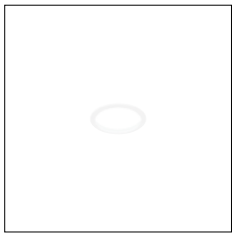
Reggiani NORTH AMERICA

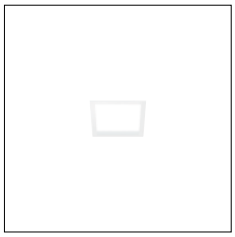
Project:	
Type:	
Description:	

TRYBECA RECESSED 3"

INDOOR - RECESSED



Trybeca Round
Trim / Trimless



Trybeca Square
Trim / Trimless

DRY | 5 YEAR WARRANTY

CUT OUT
Round: ø3.3" | 85mm
Square: 3.3"x3.3" | 85x85mm

0.07"-1,37" | 2-35mm
Max Ceiling Thickness

LIGHT ENGINE

Example: **A.BH1C0.HW12**

A . [ ] [ ] [ ] . [ ] [ ]

Lights

. BH1	Round Trim	
CH1	Round Trimless	
DH1	Square Trim	
FH1	Square Trimless	
. BC0	Round Trim	
CC0	Round Trimless	
DC0	Square Trim	
FC0	Square Trimless	

LED Wattage

C	8W
3	9W only for DT

Optics

0	Very Wide
0	Very Wide

CCT

. HW	2700K	CRI >90	lm 900	
HQ	3000K	CRI >90	lm 936	
WQ	3500K	CRI >90	lm 1110	
HN	4000K	CRI >90	lm 1116	
. DT[1]	1800-2700K	CRI >90	lm 31-900	

Lumens shown above are source.
Lumen maintenance: L80 B10 =50,000h
(DT: L80 B10 =50,000h)

Finishes

12	Textured matte white
31	Textured matte black
12	Textured matte white
31	Textured matte black

NOTES
1. Warm Dim fixtures are 9W (**A.BC030.DT12**) on request
- Consult factory for lead time and pricing
- For alternate ceiling thickness consult factory

HOUSING/DRIVER (RETROFIT OPTIONS ARE AVAILABLE, CONSULT FACTORY)

Example: **G.OTRY3.C.0500**

[ ] . [ ] [ ] . [ ] . [ ]

Dimming

G*	Universal Driver 0-10V / Triac / ELV Connectable fixtures Min: 1 - Max: 1
V	0-10V Connectable fixtures Min: 1 - Max: 2

Housing/Driver Location

. O	New construction housing non-IC with (Remote Driver)
. A	IC/AT/CP Housing with (Remote Driver)
. R	REMODEL with (Only Remote driver)

TRY3

Plate

. C	Round plate
. Q	Square plate

Current Setting

. 0500	
0250	(DT[1])

NOTES
(0.35091.0000) Emergency on request
*G Universal Driver
1. Warm Dim fixtures on request

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TRYBECA RECESSED 3″

INDOOR - RECESSED

Technical Info

Housing/Driver:
Driver can be located fully remote or adjacent to fixture (depending on the driver selected).

Optical features Light source features:
1 LED/2step/50,000 hrs
Beam angles: Depends on diffuser position

Physical features:
Material: Die-cast aluminum
Mounting: Recessed Mounting
Surfaces: Ceiling
Weight: 0.5 lbs

Maximum Driver Distance:
60 Ft , 18Ga
80 Ft , 16Ga
100Ft, 14 Ga

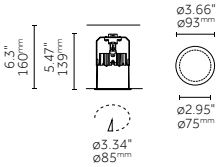
Luminaire Description:
Trim Features: Available regressed, flush, or dropped.
Trim Benefits: Polycarbonate diffuser Nano Surface Treated for excellent LOR up to 87%. Internal reflector projects downlight while illuminating diffuser. Trim or trimless version. Requires remote Class 2 driver. Remote driver to be mounted in an accessible location. Above ceiling access required.
Max Fixture Total Wattage: 8W; 9W DT
Accessories: Depth clips included for all three lens positions, regardless of the installed position selected.
Max Ceiling thickness: 0.07"-1,37" | 2-35mm
Warranty: 5 Year LED.
ETL listed, Union assembled
Reggiani reserves the right to change details at any time.
When powering multiple fixtures per driver, consult factory for additional components as required.

Rev 21/05/2025

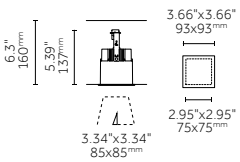
Technical Drawings

LIGHT ENGINE

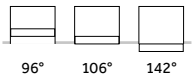
Round Trim



Square Trim

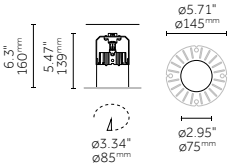


Diffuser Positions

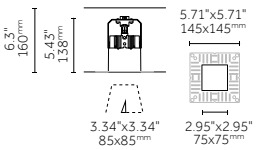


Lens Regressed 1″,
Flush, or Dropped 1″

Round Trimless



Square Trimless



Project:	
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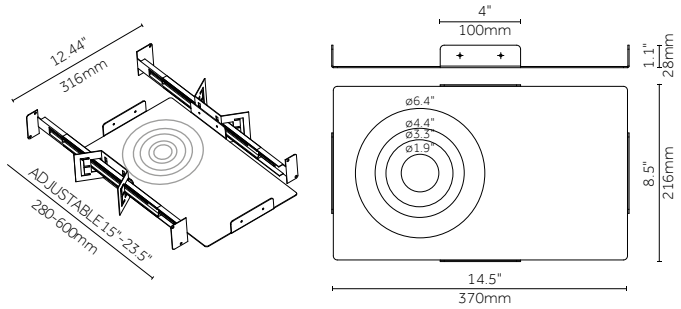
TRYBECA RECESSED 3"

INDOOR - RECESSED

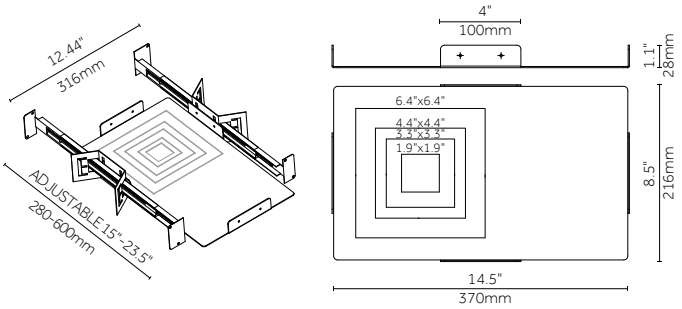
HOUSING + DRIVER

.O New Construction Housing non-IC (Remote Driver)

Round

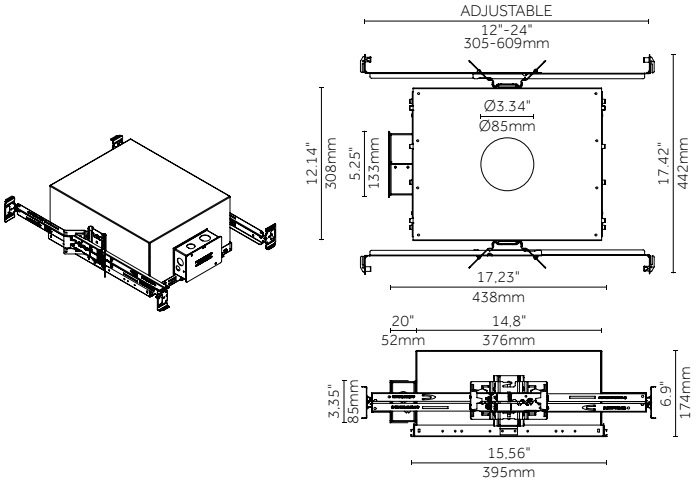


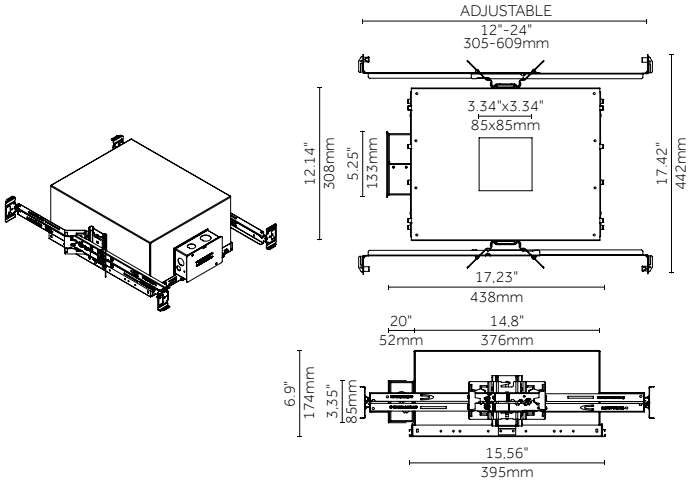
Square



1. Requires 1/2" clearance from building members, 3" clearance from any insulation
2. Where no minimum install height indicated, minimum height is the trim height plus 1/2"
3. Hanger brackets accept FB bars, C-Channel, and 1/2" conduit for mounting
4. Non electrical housings allow fixture positioning for post ceiling installation.

.A IC/AT/CP Housing (Remote Driver)





1. Requires 1/2" clearance from building members
2. Hanger brackets accept FB bars, C-Channel, and 1/2" conduit for mounting

.R Remodel (Only Remote Driver)

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Project:	
Type:	
Description:	

TRYBECA RECESSED 3″

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ACCESSORIES

Description	Code
Plastic spacer set/	1.38223.0000

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Project:	
Type:	
Description:	

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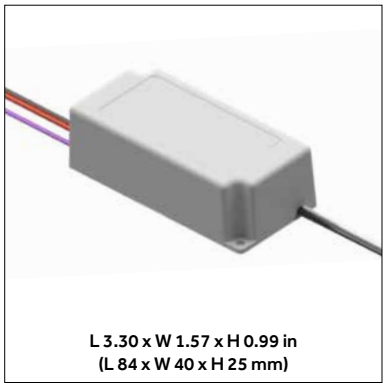
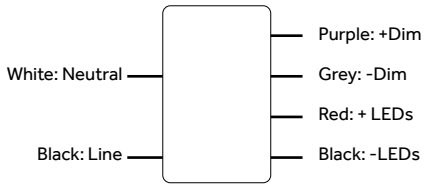
G._TRY3._.0500

Constant Current LED Drivers for Trybeca 3”



L 3.30 x W 1.57 x H 0.99 in
(L 84 x W 40 x H 25 mm)



Nominal Input Voltage	Max. Output Power	Output Voltage	Output Current	Efficiency	Max. Case Temperature	THD	Power Factor	Dimming Method	Dimming Range	Startup Time	Connectable fixtures
120 to 277 Vac, 47 - 63 Hz	9 W	10 to 18 Vdc	500 mA CC	up to 87% typical	90°C (measured at the hot spot)	< 20%	> 0.9	Forward-Phase, Reverse-Phase & 0 - 10V	1 - 100% (% of Iout)	400 ms typical	Min: 1 - Max: 1

FEATURES
- Compatible with TRIAC (forward-phase or leading-edge), ELV (reverse-phase or trailing-edge) and 0-10 V dimmers
- TRIAC and ELV dimming only at 120 Vac.
- Lifetime: 50,000 hours min at 70°C case temperature
- Protections: output open load, over-current and short-circuit (hiccup), and over-temperature with auto recovery
- Conducted and radiated EMI: Compliant with FCC CFR Title 47 Part 15 Class B (120 Vac)/Class A (277 Vac) and EN55015 (CISPR 15) at 220/230/240 Vac
- Complies with ENERGY STAR® luminaire specification and DLC (DesignLight Consortium®) technical requirements
- IP64-rated case with silicone-based potting.
- 90°C maximum case hot spot temperature
- UL8750 recognized Class 2
- CAN/CSA C22.2 No. 250.13-14 LED equipment for lighting applications

APPLICATIONS
- Downlights
- Commercial & Residential lighting
- Architectural lighting

COMPATIBLE PHASE-CUT DIMMERS & DIMMING RANGE

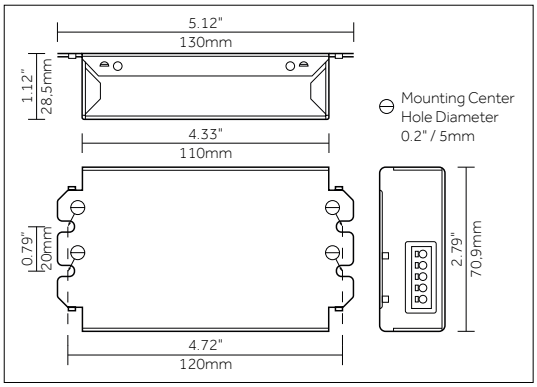
120Vac Dimmers

Mfg.	Model	Mfg.	Model	Mfg.	Model
Lutron	S-603PG	**Lutron**	DVELV-303P	**Lutron**	CT-103P
Leviton	IPI06-1LZ	**Lutron**	SELV-300P	**Cooper**	SLC03P
Leviton	6631-2	**Leviton**	6683-IW	**Leviton**	IPE04
Lutron	DVCL-153P	**Leviton**	6161	**Lutron**	MAELV-600
Lutron	DV-600P	**Leviton**	6633-P	**Lutron**	FAELV-500
Lutron	TGCL-153P	**Lutron**	TG-600P	**Lightolier**	ZP260QEW
Lutron	S-600P	**Cooper**	DLC03P	**Cooper**	DAL06P
Leviton	VPE06	**Lutron**	LG-600P		

Project:	
Type:	
Description:	

V._TRY3._.0500

Constant Current LED Drivers for Trybeca 3”



E333135

Nominal Input Voltage	Max. Output Power	Output Voltage	Output Current	Efficiency	Max. Case Temperature	THD	Power Factor	Dimming Method	Dimming Range	Startup Time	Connectable fixtures
120 - 277 VAC	18W	2 - 36V	500mA	85%	75 °C	< 20%	> 0.95	0-10V	1 - 100%	comply with ENERGY STAR Luminaires v2.0 and the latest CA Title 24 standard	Min: 1 - Max: 2

FEATURES & BENEFITS

Natural dimming	Dim to 1%, smooth brightness changes, excellent flicker performance, adaptable dimming curves, configurable minimum dimming level
LEDcode	Configurable design to work with most constant current LED modules and arrays, while providing a connection point to integrated peripheral controls
Programmable	Fine-tune your driver for any application
Performance	Universal input voltage range, low inrush current and total harmonic distortion(THD), high power factor and efficiency
Camera compatibility	Hybrid HydraDrive technology is proven to work in TV studios and securitycamera environments

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TRYBECA RECESSED 3" (Installation Guide Trybeca)

INDOOR - RECESSED

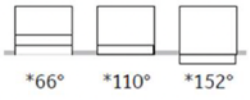
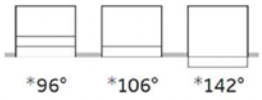
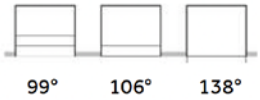
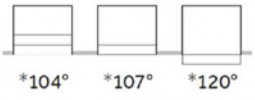
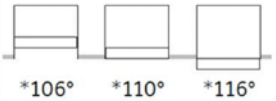
Warning

• Carefully read these instructions before assembling the Fixture, 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 Fixture. Modifying the Fixture in any way invalidates the guarantee of conformity with standards and directives in force and it could make the actual Fixture hazardous. Reggiani will not be responsible for any damage or injury due through misuse of product.
• The Fixture must be installed by qualified experts in accordance with industry bes ptractice.
• 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 Fixture 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 xture, or junction box, or in a manner to entrap heat.

General Features of Trybeca

• The Trybeca Recessed range is available in square or round versions and five sizes, each with the same metric, so the luminaires integrate harmoniously with each other.
• 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°

Non-Electrical New construction housing Installation

• Unpack New construction housing, Hanger bars (Typ. 2) and hanger bars screws (Typ. 4) from enclosed packaging. **[Fig. 1]**
• Identify hanger bar mounting holes on all sides of the Non-Electrical New construction housing. **[Fig. 2]**
• Identify the orientation of the Non-Electrical New construction housing based on any interference during mounting. **[F ig. 3]**
• Secure hanger bars to Non-Electrical New construction housing by rst ensuring the hanger bar securement tab are oriented towards the bottom of the Non-Electrical New construction housing. **[Fig. 4]**
• Secure hanger bars with provided hardware. **[Fig. 5]**
• Extend hanger bars between joists. Hanger bars can be adjusted to accommodate joist centers between 16" to 24". Hammer in securement tabs into ceiling joist. **[Fig. 6]**
• Permanently secure hanger bars to joist with hardware provided by others. **[Fig. 7]**
• Extend wiring from output of Remote driver to New construction housing. Leave enough slack so the wiring extendst hrough the housing and out of the ceiling cut-out plane by 6" to facilitate servicing of the light engine.

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TRYBECA RECESSED 3"

INDOOR - RECESSED

Fig. 1

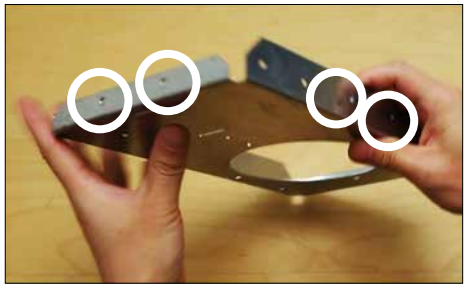


Fig. 2

Fig. 3

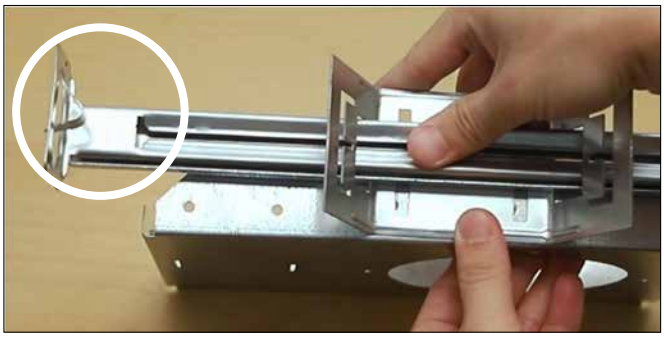


Fig. 4

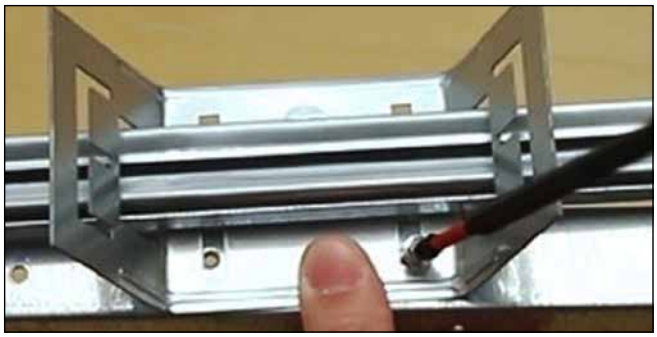


Fig. 5

Fig. 6

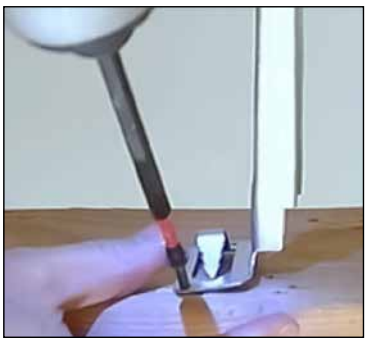
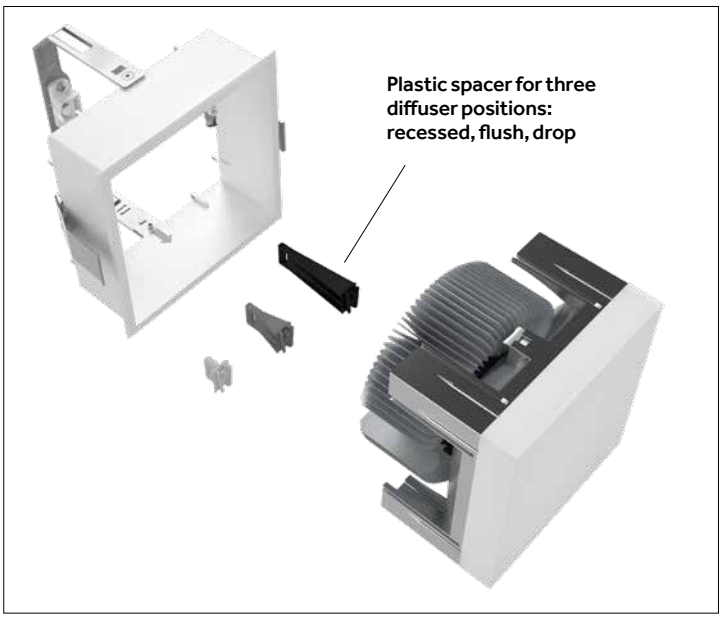


Fig. 7

Preparation and Assembly of the Luminaires

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



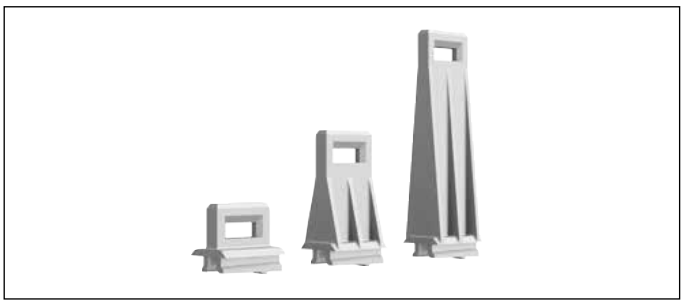


Fig. 1

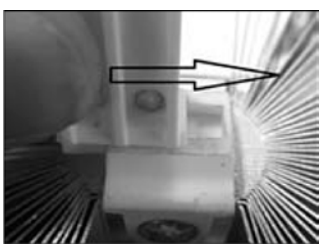


Fig. 2

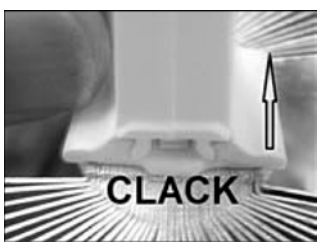


Fig. 3

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

Ceiling Cut Out Dimensions		
Size	Cut Out (Inch; mm)	Tolerance
Trybeca 1.5" ; 38mm	Round 1.9" ; 47mm Square 1.9" x 1.9" ; 47x 47mm	± 1/16
Trybeca 3.0" ; 75mm	Round 3.3" ; 85mm Square 3.3"x3.3" ; 85x85mm	± 1/16
Trybeca 4.0" ; 100mm	Round 4.37" ; 112x112mm Square 4.37"x4.37" ; 112x112mm	± 1/16
Trybeca 6.0" ; 150mm	Round 6.3" ; 161mm Square 6.3"x6.3" ; 161x161mm	± 1/16
Trybeca 12" ; 300mm	Round Trim 12" ; 315mm Round Trimless 12" ; 315mm Square Trim 12"x12" ; 315x315mm Square Trimless 12"x12" ; 315x315mm	± 1/16

Fig. 2

Trimless Luminaire Installation
• Cut opening in ceiling (**fig 1**).
• Insert trimless chassis into ceiling cut out (**fig 2**).
• Install provided screws (x4) into corner locations (**fig 3**).
• Apply plaster, smoothing it evenly around the trimless flange (**fig 4**).
• Make electrical connections (**fig 9**)
• 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	Cut Out (Inch; mm)
Trybeca 1.5"	1,37"; 35mm
Trybeca 3.0"	1,37"; 35mm
Trybeca 4.0"	1,37"; 35mm
Trybeca 6.0"	1,37"; 35mm
Trybeca 12"	1,37"; 35mm

• Secure trim chassis into ceiling cut out by pushing down on springs (**fig 5**).
• Make electrical connections.
• Finish by securing light engine in the trim chassis.

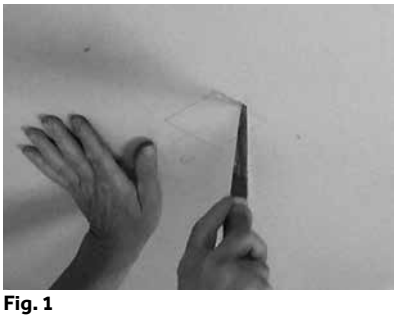


Fig. 1

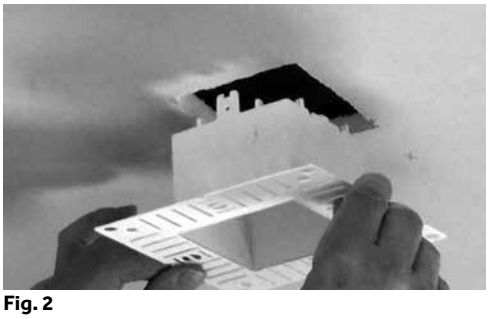


Fig. 2

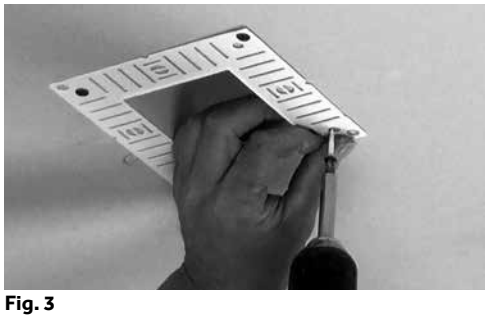


Fig. 3


Fig. 4


Fig. 5

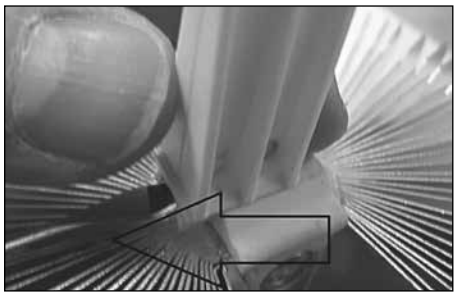


Fig. 1

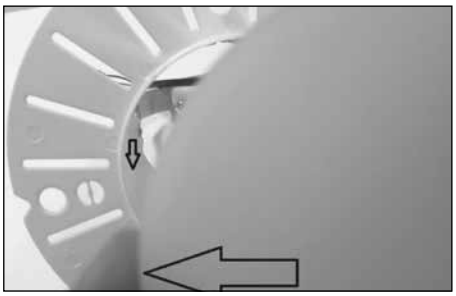


Fig. 2

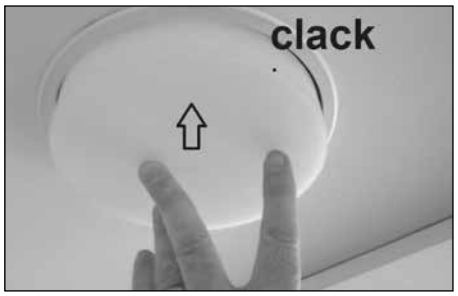


Fig. 3

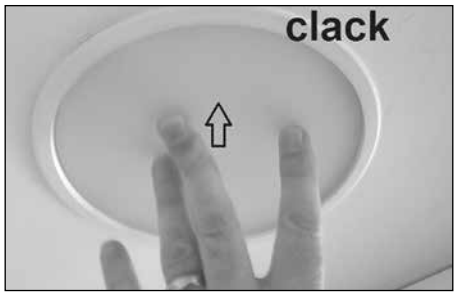


Fig. 4

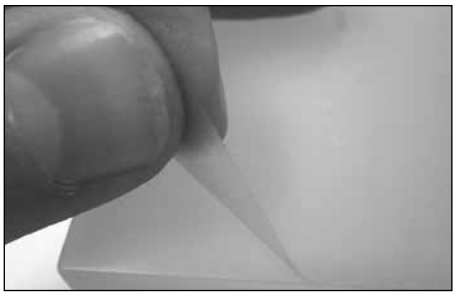


Fig. 5

Remote/Semi-Remote Driver Installation

- Identify Remote/Semi-Remote driver and Z Brackets. **[Fig. 6]**
- Bring building mains power wires to Remote/Semi-Remote driver box through side knock-out. **[Fig. 7]**
- Remove Remote/Semi-Remote driver box cover, exposing driver input and output wires. **[Fig. 8]**
- Connect building wires to LED driver input wires as such: white to white [neutral], black to black [hot], and green to green/bare [ground]. **[Fig. 9]**
- Through appropriate methods, extend Remote/Semi-Remote driver output wires to Fixture ceiling junction box in preparation to connect with Fixture LED (+) and LED (-) wires.
- Secure Remote/Semi-Remote driver on flat surface via provided Z Brackets (Typ. 2) **[Fig. 6]**. Depending on field condition, use appropriate screws to secure Z Brackets on driver box and flat surface. **[Fig. 10]**
- Alternately, the Remote/Semi-Remote driver metal enclosure may be secured onto surface using hardware by others. First remove driver enclosure cover plate, fasten sheet metal screw through metal enclosure and onto surface, and then reattach driver enclosure cover plate.


Fig. 6 - Remote/Semi-remote Driver


Fig. 7 - Knock-out

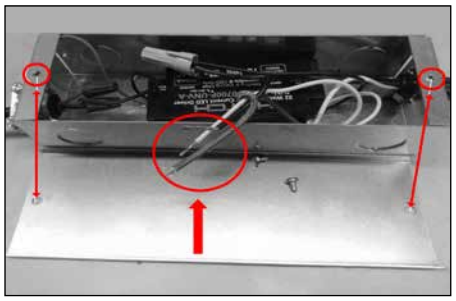


Fig. 8

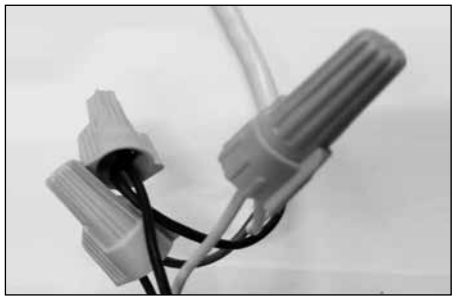


Fig. 9


Fig. 10

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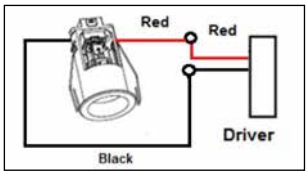
Remote Driver Installation
• Remote driver to be installed in an easily accessible location for future maintenance if necessary.
• Ambient operating range to range from -4 °F to +100 °F.
• Maximum driver distance is as follows.

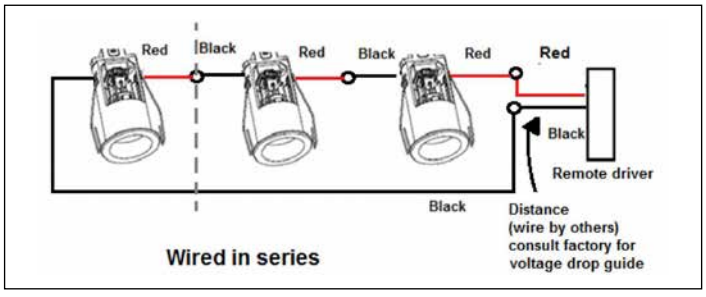
Maximum Driver Distance	
Wire Gauge	Distance (ft)
18GA	60’;
16GA	80’;
14GA	100’;

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 -



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
• Below is an overview of the different dimming options Reggiani offers, consult Factory for availability.
• **Phase Cut [Reverse and Forward]**
The luminous flux is dimmed by varying the AC power delivered to the Fixture via Reverse [ELV] and Forward [Triac] phase configurations.
• **Analogue [0-10V]**
The luminous flux is dimmed by varying a 0-10V direct voltage signal through polarity sensitive purple [dim +] and grey [dim -] wiring.
• **Emergency Lighting**
The Fixture can be converted into emergency lighting by wiring to an emergency lighting inverter.