We reserve the right to revise the design or components of any product without notice.

CATALOG #		TYPE
PROJECT/LOCATION		
APPROVED BY		

RGBTW Troy

Ceiling or Wall Mounted Cylinder Luminaire

RGB Color/White Tunable LED — Casambi App Control

Outdoor / Indoor Applications

SPECIFICATIONS

- DRIVER — Universal Voltage (120~277V) driver.
- HOUSING — Heavy gauge aluminum cylinder.
- FINISH — Powder Coat Finish applied over pre-treated surfaces.
- LIGHT ENGINE — RGB Color/White Tunable LED Light Engines.

  Features 5-Channel Control: Red / Green / Blue / Tunable White (2700K - 6500K)
- LENS — .125″ Clear Acrylic is Standard.
- MOUNTING — Wall Arm Mount.
- REFLECTOR — Ledil Lens and Reflector.
- SOFTWARE — Bluetooth® Low Energy (BLE) Connected Casambi App (Android / iOS).
- COMPLIANCE — Built to comply with U.S. and Canadian Safety Standards.

  Suitable for Wet Locations. **Buy American Act (BAA) Compliant.**
- WARRANTY — 5-Year Limited Warranty.



BAA

CASAMBI

BLE

WET LOCATION

ORDERING INFORMATION

ORDERING GUIDE:

Series	Size	Mounting	Voltage	Control Scenario	Finish	Options

SERIES
RW-TY = RGBTW Troy Series

SIZE
10 = 10″ Tall (7″ dia.)
16 = 16½″ Tall (7″ dia.)
20 = 20″ Tall (7″ dia.)
26 = 26″ Tall (7″ dia.)

MOUNTING
CM = Ceiling Mount
WM = Wall Mount (Must Choose Arm Length)
- — **ARM3** = 3″ Arm
- — **ARM6** = 6″ Arm

VOLTAGE
UNV = Universal Volt (120-277v) Driver

CONTROL SCENARIO
1U = Uplight Only (Not Available for Ceiling Mount)
1D = Downlight Only
2UD = Uplight / Downlight — Separate Control

STANDARD FINISH
BK = Black
BZ = Bronze
PNA = Painted Natural Aluminum
WH = White

PREMIUM UPCHARGE FINISH
CC = Custom Color (Visit **www.ralcolor.com**)
— Provide RAL# or Make-to-Match Color

FUSE OPTION
FUS = Single Fuse

BACK BOX OPTIONS
BBCM = Back Box Ceiling Mount 10.625″ Sq. x 1.78″D)❹
BBWM = Back Box Wall Mount (4.75″W x 8.75″H x 2.875″D)

NOTES:
❹ BBCM is required for Surface Conduit applications.

BEAM SPREAD OPTIONS
Uplight Beam Spread Options
SU = Small Uplight Beam (15°)
MU = Medium Uplight Beam (26°)
WU = Wide Uplight Beam (36°)
XWU = X-Wide Uplight Beam (60°)

Downlight Beam Spread Options
SD = Small Downlight Beam (15°)
MD = Medium Downlight Beam (26°)
WD = Wide Downlight Beam (36°)
XWD = X-Wide Downlight Beam (60°)

MISC OPTIONS
WRE = Wireless Range Extender
- — For Use with Casambi Wireless Mesh
- — Max 1200ft (365m) Range
- — Operating Temp: -30°C to 70°C | -22°F to 158°F
- — Built-in Surge Protection: 20KV/10KA
- — NEMA 4 Enclosure for Outdoor Use



The **RGBTW Troy Series** features color tuning light engines which can be controlled via the **Bluetooth® Low Energy (BLE) Connected Casambi App (Android / iOS)**. Various modes allow the user to adjust the LED color hue with up to 16 million color combinations or they can be fine tuned to a more conventional color temperature ranging from warm white (2700K) to a cool white (6000K) CCT.

The ability to customize your lighting gives the user the flexibility to personalize their illumination scheme according to their desired configuration which is applicable for holidays, themed events, location specific environments, and many other applications.



Wireless Range Extender (WRE) Option
- **For Use with Casambi Wireless Mesh**
- **Max 1200ft (365m) Range**
- **Operating Temp: -30°C to 70°C | -22°F to 158°F**
- **Built-in Surge Protection: 20KV/10KA**
- **NEMA 4 Enclosure for Outdoor Use**

Note: *Wireless range is highly dependent on the integration of fixtures, surrounding environment, and other conditions. It is recommended to conduct testing for range accuracy.*

ECLIPSE™ LIGHTING

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RGBTW Troy

Ceiling or Wall Mounted Cylinder Luminaire

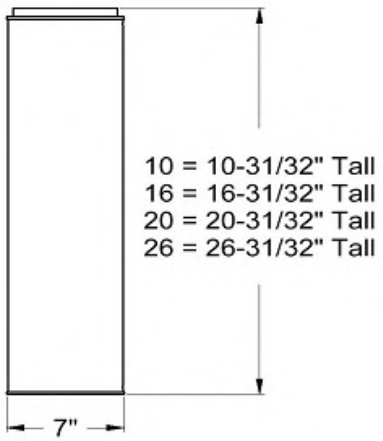
RGB Color/White Tunable LED — Casambi App Control

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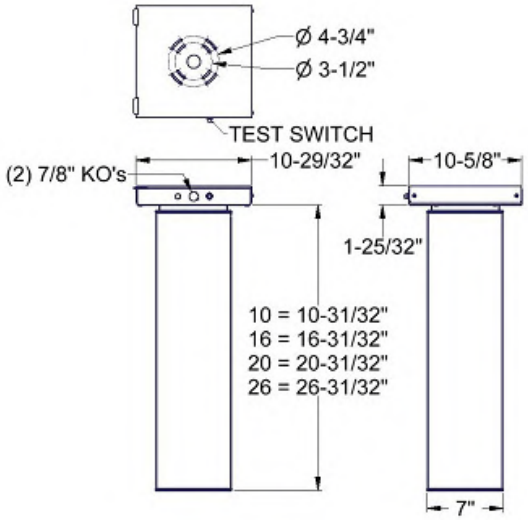
DIMENSIONS

CEILING MOUNT



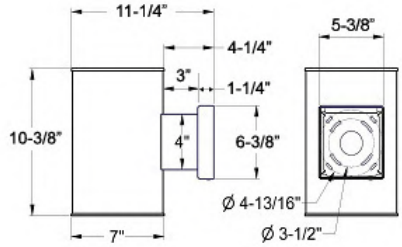
CEILING MOUNT w/ BBCM

For Integral EL or Surface Conduit Installations

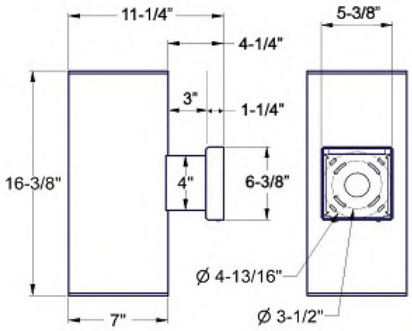


STANDARD WALL MOUNT (NON-EMERGENCY)

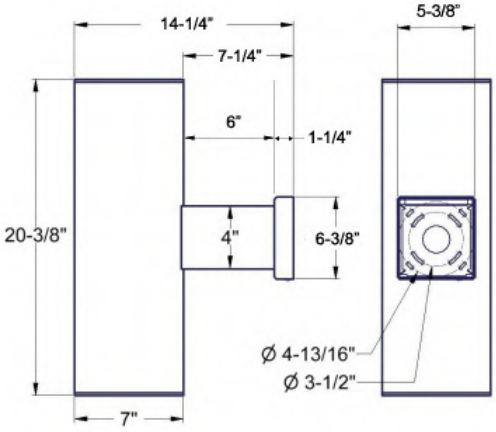
10” Fixture



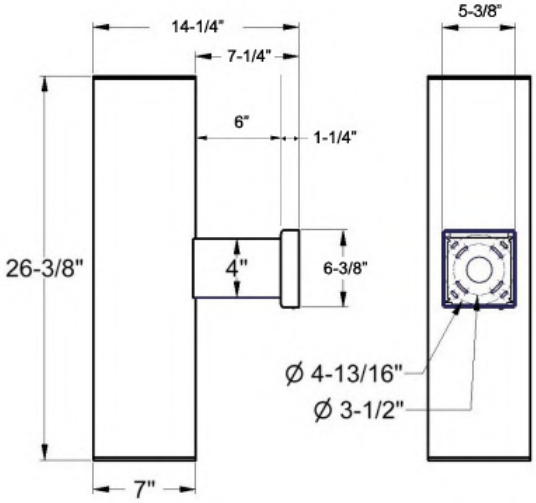
16” Fixture



20” Fixture



26” Fixture



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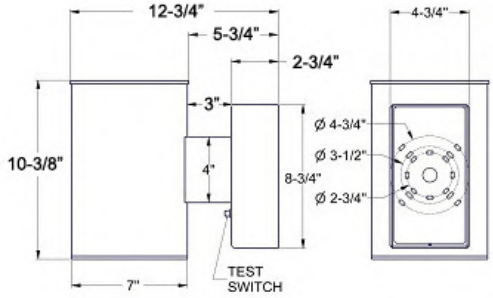
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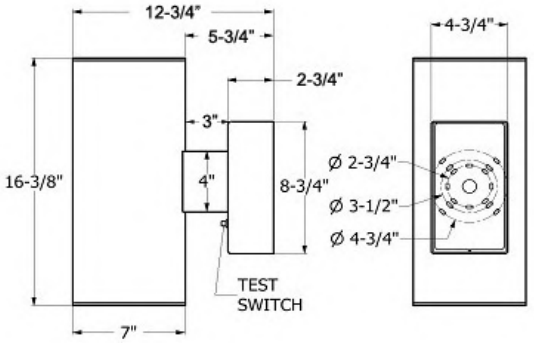
DIMENSIONS (cont.)

WALL MOUNT with BBWM (for applications that include Integral Emergency Battery)

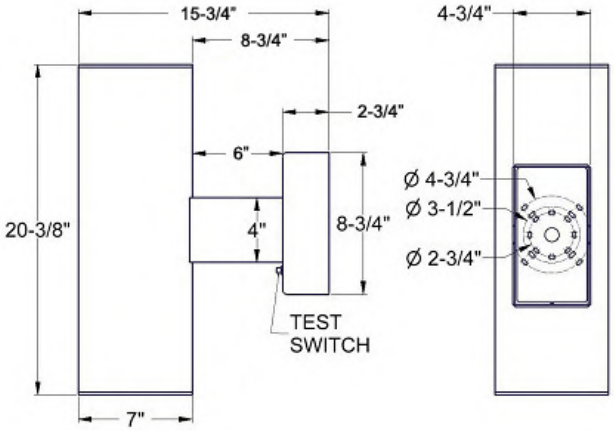
10” Fixture



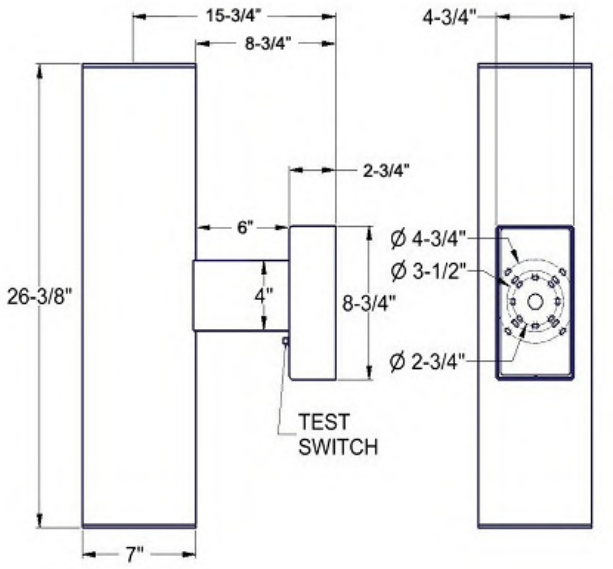
16” Fixture



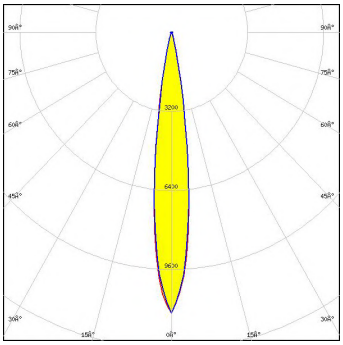
20” Fixture



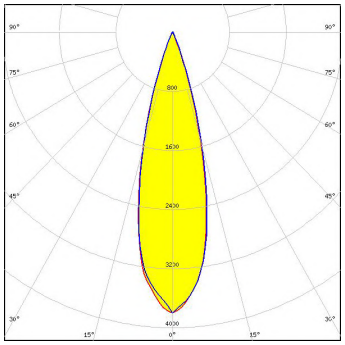
26” Fixture



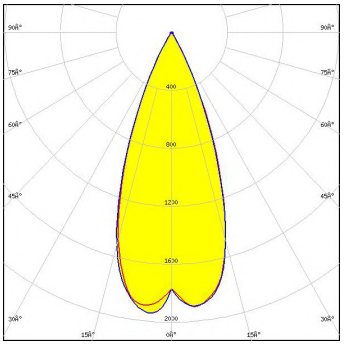
BEAM SPREAD PHOTOMETRY



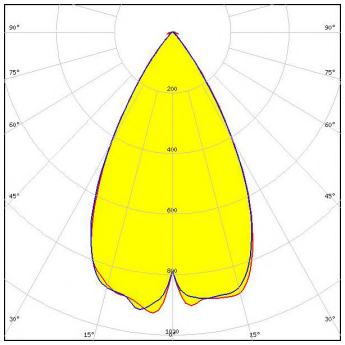
Small Beam (15°)



Medium Beam (26°)



Wide Beam (36°)



X-Wide Beam (60°)

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