

MOUNTING SPECIFICATIONS

The **RTB** is designed to be installed into T-bar type grid ceiling systems. This type of mounting provides a clean and architecturally conscious installation since the cabinet and all wiring connections can be hidden above the ceiling. Once installed, all that remains visible is the attractive front plate and unit lamp heads. The **RTB** has a T-bar mounting bracket located on each side of the unit that aligns the unit onto the T-bar grid. Various chain holes can also be accessed to chain mount the unit to secure points above the ceiling line.

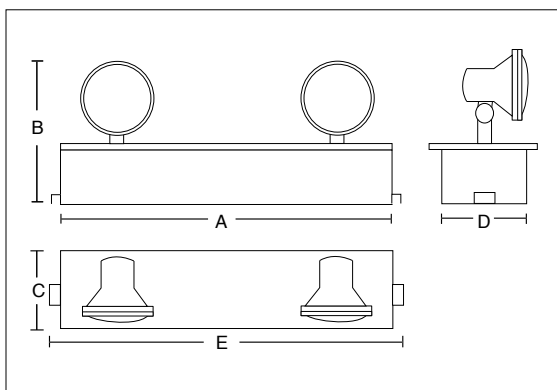
MECHANICAL SPECIFICATIONS

The **RTB** is constructed with a solid and durable 20 gauge steel housing. Stamped conduit knockouts are provided on the sides of all **RTB** units. Remote lamp loads are connected to the emergency power supply with sturdy magnum terminal connectors. These connectors allow for a large gauge of wire to be used, increasing the flexibility of installation. The **RTB** is supplied standard in a durable white powder coat, baked finish. Other colors are available, including color matching, please specify.

CHARGER SPECIFICATIONS

The **RTB** series utilizes a pulse switching charger that is up to 70% more efficient than older constant voltage chargers. The charger is a fully automatic current limited charger with solid state line-latched low voltage disconnect protection. All components used in the circuitry are temperature compensated. The charger also has brownout and short circuit protection. Charger status is easily determined via a dual diagnostic LED display which indicates AC/ON and High Charge. An external push button test switch allows maintenance personnel to quickly determine the operational status of the unit and lamp load.

DIMENSIONS (in.)



Wattage	A"	B"	C	D	E
27W-100W	24"	4"	5"	3.25"	25.75"

BATTERY TECHNOLOGY

The **RTB** series is designed with a maintenance free, sealed valve regulated lead acid battery that provides a minimum emergency duration of 90 minutes (for the listed rating). Recharge time of the battery is twenty-four (24) hours. The maximum working temperature is 50° C.

MODEL RATING GUIDE

Model	Voltage	Wattage			
		90min	120min	180min	240min
RTB-6-27	6	27	20	14	10
RTB-6-36	6	36	24	18	12
RTB-6-54	6	54	40	34	20
RTB-12-36	12	36	24	18	12
RTB-12-54	12	54	40	34	20
RTB-12-100	12	100	75	50	40

LAMP HEAD FEATURES

The **RTB** series is typically supplied with two (2) LR Par36 style 9w heads. SR Par18 heads are also available. Both head styles are constructed of high impact thermoplastic in a color matching the finish of the cabinet (white is standard). Both feature a unique twist locking collar that securely holds the lens and facilitates quick and easy re-lamping.

BEGHELLI AUTO-TEST

The **RTB** auto-test feature automatically monitors the functional operation of the unit. Auto-test monitors the operation of the lamps, battery and circuitry and displays any alerts. Periodic emergency tests, up to ninety (90) minutes duration are simulated to ensure proper operation during an actual power failure. Operating status is visually indicated by multi-function LED indication.

WARRANTY

The **RTB** Series comes with a 5-year factory warranty. Lamps are not covered under the warranty. Deliberate damage, misuse, improper installation effectively cancel the warranty.