

Robusto Combo Hazardous Combo Exit

Job/Location: _____

Contractor: _____ Prepared By: _____

Model Number: _____ Date: _____

Weather proof PAR36 heads are standard

Hazardous location certified for Class I, Div. 2, Groups A-D, Temperature Code T2B. T4 for LED.

Hinged door for trouble-free installation and maintenance



Fully gasketed NEMA 4X fiberglass housing

Magnetic test switch

Stainless steel breather for safe and effective ventilation



EXTERNAL SPECIFICATIONS

The lightweight NEMA 4X fiberglass enclosure is corrosion and vandal resistant. The housing is fully gasketed for hazardous location applications and is supplied standard in an industrial grey finish. The **ROBUSTO COMBO** can be surface mounted on a wall. This sign comes in a single face version only. The combo comes standard with an external LED status indicator and magnetic test switch.

MECHANICAL SPECIFICATIONS

The **ROBUSTO** series housing is constructed from durable, corrosion resistant fiberglass. The housing is fully gasketed for harsh and hazardous locations. The front access panel/door is hinged for trouble-free installation and maintenance. The **ROBUSTO** features a stainless breather to provide safe and effective unit ventilation. Remote lamp loads are connected to the emergency power supply with sturdy terminal connectors. These connectors allow for a large gauge of wire to be used increasing the flexibility of installation.

ORDERING INFORMATION

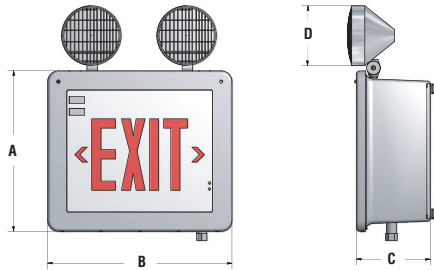
Series	Operation	Capacity (Wattage)	LED	Face #	Chevrons	Mounting	Heads	Lamp Type	Options
RBO-C	6 (6VDC)	See model rating guide	LR (Red)	1 (Single)	U (Universal)	W (Wall)	0	See lamp guide	WG (Wireguard)
	12 (12VDC)		LG (Green)					1LRWP	AT (Auto-test)
								2LRWP	SM (Side mount heads)
								3LRWP	TP (Tamper proof)
								4LRWP	*TD (Time delay - specify 5, 10, 20 mins)
									SW (Special wording)
									**FAI (Fire alarm interface - specify)
									A (Ammeter)
									V (Voltmeter)
									TC (Teflon coated Lamp lenses, per lamp)

NOTE: *Specify AC input voltage **Specify open/closed/6-24 VAC

EXAMPLE: RBO-C-12-90-LR1UW-0-120/347V

DESCRIPTION: Robusto hazardous location combo exit, 12V, 90W, red LED, single face, universal chevrons, wall mount, no heads, 120/347VAC

DIMENSIONS (MM, IN.)



Series	A	B	C	D
RBO-C	343mm 13 1/2"	394mm 15 1/2"	159mm 6 1/4"	140mm 5 1/2"

LAMP SELECTION: (ONLY PAR36 STYLE HEADS AVAILABLE)

	6V	12V
Composite Tungsten	7.2, 9W	9, 12, 18W
Halogen Quartz (Q)	6, 8, 10, 12W	12, 20 (55W PAR36 only)
Sealed Beam	N/A	6W

LAMP HEAD FEATURES

The **ROBUSTO COMBO** units are supplied with two [2] top mounted weatherproof PAR36 large style heads when specified. Standard lamp heads are constructed of high impact thermoplastic in a grey colour. The PAR36 large style head features a unique locking collar that securely holds the lens and facilitates quick and easy re-lamping.

EXTREME CLIMATE DESIGN

The **ROBUSTO** has been designed to perform in applications where the environment would punish any standard combo. The entire internal cavity of the sign is protected from moisture ingress by an extremely resilient gasket. The gasketing always holds its original form and has "memory retention" so that it effectively and consistently protects the **ROBUSTO** from moisture.

CHARGER SPECIFICATIONS

The **ROBUSTO** series utilizes a high-efficiency two stage charger providing precise float voltage control with 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. A magnetic test switch allows maintenance personnel to quickly determine the

operational status of the unit and lamp load.

ELECTRICAL SPECIFICATIONS

The **ROBUSTO** series is configured with high-output LED lamps. LED is standard with 120/347VAC input. CSA 22.2 No. 141-15 and C22.2 No. 137M performance certified.

INSTALLATION

The **ROBUSTO COMBO** is suitable for hazardous surface wall mounting. Four [4] stainless steel mounting feet ensure simple, secure and accurate wall installation. Suitable for hazardous, wet, and vandal location installations.

MODEL RATING GUIDE

Model	Voltage (output)	Wattage Rating 30 min
RBO-U-6-36	6	36
RBO-U-6-50	6	50
RBO-U-6-80	6	80
RBO-U-6-90	6	90
RBO-U-6-160	6	160
RBO-U-12-36	12	36
RBO-U-12-50	12	50
RBO-U-12-72	12	72
RBO-U-12-90	12	90
RBO-U-12-120	12	120
RBO-U-12-150	12	150
RBO-U-12-180	12	180

BATTERY TECHNOLOGY

The **ROBUSTO-C** is designed with maintenance free, sealed lead acid batteries providing a minimum emergency duration of 30 minutes. The maximum battery operating temperature is +40°C and the minimum is +10°C.

BEGHELLI AUTO-TEST (AT)

The Beghelli auto-test system automatically performs one 5 minute discharge test monthly and every 6 months it performs two 30 minute discharge tests, 24 hours apart. This tests both full battery capacity and recharge capability. The information