

Robusto Combo RM Fibreglass Hazardous Running Man Combo

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 fibreglass housing

Magnetic test switch

Stainless steel breather for safe and effective ventilation



EXTERNAL SPECIFICATIONS

The lightweight NEMA 4X fibreglass 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** sign can be surface mounted on a wall. This sign comes in a single face version only. The combo version comes standard with an external LED status indicator and magnetic test switch.

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.

ORDERING INFORMATION

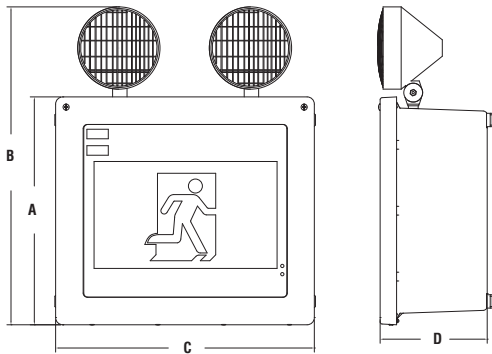
Series	Operation	Capacity	LED	Face #	Pictogram	Mounting	Heads	Lamp Type	Options
RBO-C-RM	6 (6VDC)	See model rating guide	L (LED)	1 (Single)	OLR (Universal pictograms)	W (Wall)	0	See lamp guide	*TD (Time delay - specify 5, 10, 20 mins)
	12 (12VDC)				0 (No indicators)		1LRWP		AT (Auto-test)
					L (Left indicator)		2LRWP		SM (Side mount heads)
					R (Right indicator)		3LRWP		TP (Tamper proof)
					D (Down indicator)		4LRWP		WG (Wireguard)
					U (Up indicator)				TC (Teflon® coated lens)
					UR (45° up right)				A (Ammeter)
					DR (45° down right)				V (Voltmeter)
					UL (45° up left)				**FAI (Fire alarm interface - specify)
					DL (45° down left)				SW-OL (RM no indicator, left)

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

EXAMPLE: RBO-C-RM-12-90-L-1-OLR-W-0-120/347V

DESCRIPTION: Robusto hazardous location combo running man, 12V, 90W, single face, universal pictograms, wall mount, no heads, 120/347VAC

DIMENSIONS (MM, IN.)



Series	A	B	C	D
RBO-C-RM	349mm	489mm	400mm	165mm
	13 3/4"	19 1/4"	15 3/4"	6 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)
Sealed Beam	N/A	6W

LAMP HEAD FEATURES

The **ROBUSTO COMBO** units are supplied with two [2] top mounted weatherproof PAR36 large style heads. 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.

CHARGER SPECIFICATIONS

The **ROBUSTO RM** 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.

MECHANICAL SPECIFICATIONS

The **ROBUSTO** series housing is constructed from durable, corrosion resistant fibreglass. 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.

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-C-RM-6-36	6	36
RBO-C-RM-6-50	6	50
RBO-C-RM-6-80	6	80
RBO-C-RM-6-90	6	90
RBO-C-RM-6-100	6	100
RBO-C-RM-6-160	6	160
RBO-C-RM-12-36	12	36
RBO-C-RM-12-50	12	50
RBO-C-RM-12-72	12	72
RBO-C-RM-12-90	12	90
RBO-C-RM-12-120	12	120
RBO-C-RM-12-150	12	150
RBO-C-RM-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 is communicated simply and intuitively to maintenance personnel via a single multi-colour LED.

UNIVERSAL PICTOGRAMS

The OLR (Universal) option includes: a pictogram with no directional indicators, a pictogram with a left facing directional indicator and a pictogram with a right facing directional indicator.