

Bruno RM Universal Edge-lit Running Man

Job/Location: _____

Contractor: _____ Prepared By: _____

Model Number: _____ Date: _____

Universal surface or recessed, wall or ceiling or end mounting

Thin profile

Edge-lit LED technology



Ceiling Mount



Recessed Mount



Wall Mount



UNIVERSAL EDGE-LIT DESIGN

The **BRUNO** is truly universal edge-lit running man sign featuring a clean and contemporary look. The design brings style and flexibility to your next application with die-cast construction and a thin profile. The indirect LED illumination evenly lights the acrylic face with crisp, even light. The wide variety of mounting options and pictogram choices which come standard will ensure that the bruno can be easily configured and installed on-site.

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.



EXTERNAL SPECIFICATIONS

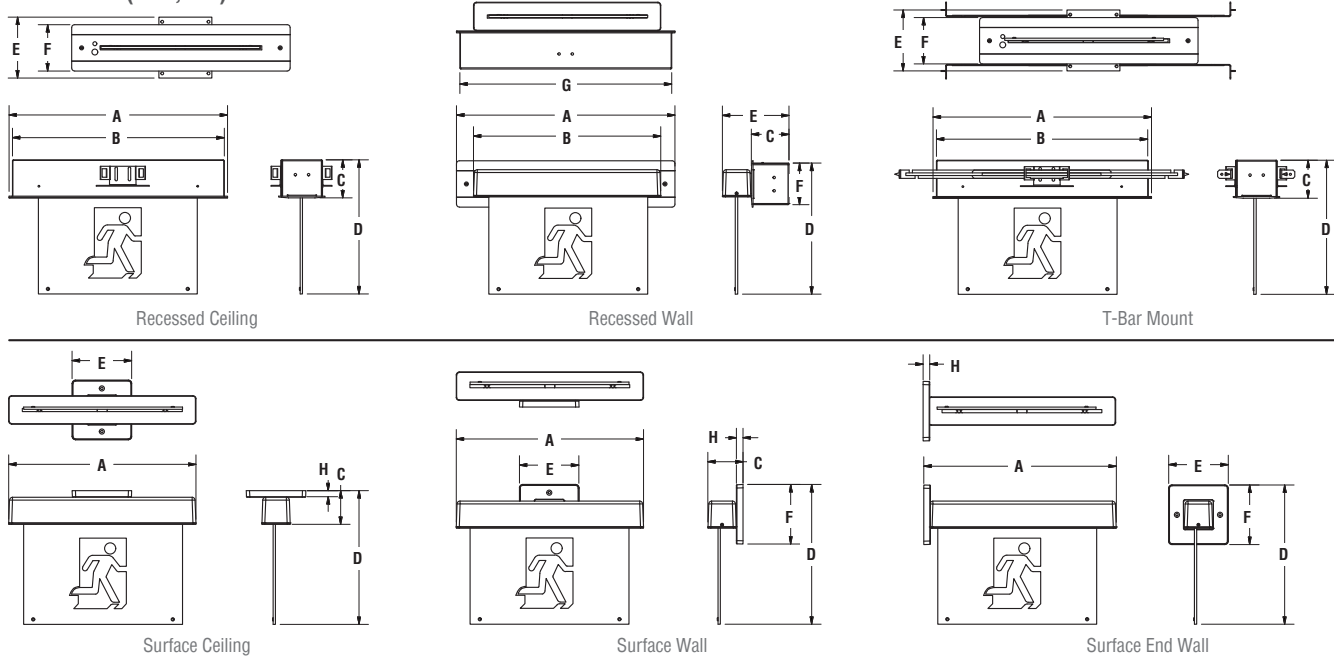
The **BRUNO RM** series housing is constructed from durable die-cast aluminum. The acrylic faceplate is universal and can be configured for both single face or double face. The **BRUNO** allows the installer to choose between surface or recessed, wall, ceiling or end mounting. The housing comes in a white, baked powder coat finish. Available in custom powder coat finishes or alternate metal finishes (please specify). External LED monitor light and test switch are standard on self-powered versions.

ORDERING INFORMATION

Series	Operation	Light Source	Face #	Pictogram	Mounting	Options
BRU-RM	Blank (AC only)	L (LED)	*U (Universal)	OLR (Universal pictograms)	M (Universal)	BA (Brushed aluminum finish)
	SP (Self-powered)		1 (Single)	O (No indicators)	S (Surface)	PA (Polished aluminum finish)
			2 (Double)	L (Left indicator)	R (Recessed)	AT (Auto-test, SP only)
				R (Right indicator)		PK12 (12" pendant kit)
				D (Down indicator)		UDC (Universal 6 - 24VDC)
				U (Up indicator)		90SP (90 min. emergency)
				UR (45° up right)		120SP (120 min. emergency)
				DR (45° down right)		**FL (Visual alarm)
				UL (45° up left)		***120VDC (Specify 2 or 4 wires)
				DL (45° down left)		IF(Inverted face)
						CC (Custom colour - specify)

NOTE: *Order OLR or 2 pictograms. **Visual alarm only with AT option. ***With 120VAC only
 DESCRIPTION: Bruno edge-lit running man, 120/347VAC input, self-powered, LED, universal face, universal pictograms, universal mounting.

DIMENSION (MM, IN.)



Model	A	B	C	D	E	F	G	H
Rec. Ceiling	419mm (16 ^{1/2} "	406mm (16"	76mm (3"	254mm (10"	114mm (4 ^{1/2} "	89mm (3 ^{1/2} "	N/A	N/A
Rec. Wall	419mm (16 ^{1/2} "	368mm (14 ^{1/2} "	70mm (2 ^{3/4} "	247mm (9 ^{3/4} "	127mm (5"	82.5mm (3 ^{1/4} "	406mm (16"	N/A
T-Bar Mount	419mm (16 ^{1/2} "	406mm (16"	76mm (3"	254mm (10"	114mm (4 ^{1/2} "	89mm (3 ^{1/2} "	N/A	N/A
Surf. Ceiling	362mm (14 ^{1/4} "	N/A	63.5mm (2 ^{1/2} "	254mm (10"	114mm (4 ^{1/2} "	N/A	N/A	13mm (1/2"
Surf. Wall	362mm (14 ^{1/4} "	N/A	70mm (2 ^{3/4} "	254mm (10"	114mm (4 ^{1/2} "	114mm (4 ^{1/2} "	N/A	13mm (1/2"
Surf. End Wall	368mm (14 ^{1/2} "	N/A	N/A	254mm (10"	114mm (4 ^{1/2} "	114mm (4 ^{1/2} "	N/A	13mm (1/2"

INTERNAL SPECIFICATIONS

AC ONLY, AC/DC and SELF-POWERED comes standard configured with high-output LED technology, 120/347VAC input (optional 120/277V). Nickel-cadmium batteries provide a minimum 30 minutes of emergency duration. Optional 90 or 120 minute duration battery is available. Solid state charger & transfer. Standard with 120/347VAC input and consumes only 2W nominal power. CSA 22.2 No. 141-15 Performance Certified. **BRUNO** signs configured for AC/DC operation feature a universal 2 wire DC input; 6VDC - 24VDC. If an AC generator is used to back up the signs, a surge suppression device is recommended to protect the entire emergency circuit.

INSTALLATION

The universal **BRUNO** can be configured on site for surface wall, ceiling or end mount as well as recessed wall or ceiling mount. Adjustable steel T-bar ceiling tile mounting brackets are supplied standard for recessed ceiling installation. Faceplates for the **BRUNO** are constructed of clear, solid acrylic. The **BRUNO** is suitable for indoor and damp installations. Non-IC rated.

SELF-POWERED VERSIONS

The **BRUNO-SP** series is designed to operate on battery power in the event of a power failure. Both the battery and charger are completely contained within the standard enclosure. There are no external components and no alterations made to the external dimensions of the standard sign. Status is easily determined via an LED that indicates AC-ON. A push button test switch allows maintenance personnel to quickly confirm the operational status of the exit. Recharge time of the battery is less than twenty-four [24] hours.

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. No need to memorize complex indicator protocols. No confusing array of multiple, same coloured LEDs that can be difficult to read from floor level.