

Quadra B6L Extruded Aluminum LED Bilingual

Job/Location: _____

Contractor: _____ Prepared By: _____

Model Number: _____ Date: _____

Wall, ceiling or end
mounting

Field removable
chevrons

High-output LED
technology



Extruded aluminum
housing

AC Only, Self-Powered
or Universal DC



INDOOR



SP[®]
C US

EXTERNAL SPECIFICATIONS

The **QUADRA-B6L** series is constructed from durable extruded aluminum. The **QUADRA-B6L** comes standard with a white baked powder coat finish. Available in custom epoxy-based powder coat finishes (please specify). Single or double face version must be specified. Universal mounting pattern and key hole slots are stamped into the backplate. Removable chevron arrows are standard on each fixture. The self-powered version comes standard with an external LED status indicator and test switch.

DIMENSIONS (MM, IN.)



Series	A	B	C
QR-B6L-ES/SE	724mm	197mm	51mm
	28 ¹ / ₂ "	7 ³ / ₄ "	2"

ORDERING INFORMATION

Series	Operation	Light Source	Letter Colour	Face #	Mounting	Options
QR-B6L-ES (Exit/Sortie)	Blank (AC only)	L (LED)	R (Red)	1 (Single)	W (Wall mount no canopy)	CC (Custom colour - specify)
QR-B6L-SE (Sortie/Exit)	SP (Self-powered)			2 (Double)	M (Universal mount wall, ceiling, end)	BA (Brushed aluminum finish)
				U (Universal)	*E (End mount with support bracket)	SW (Special wording - specify)
						WG (Wireguard)
						PK12 (12" pendant kit)
						UDC (Universal 6 - 24VDC)
						AN (Anodized finish)
						90SP (90 min. emergency)
						120SP (120 min. emergency)
						TP (Tamper proof screws)

NOTE: *End mount canopy is factory installed (Customer to supply eye hook and support cable/wire)

EXAMPLE: QR-B6L-SE-SP-L-R-1-W

DESCRIPTION: Quadra extruded aluminum bilingual SORTIE/EXIT, 120/347VAC input, self-powered, red LED, single face, wall mount

INTERNAL SPECIFICATIONS

AC ONLY, AC/DC and SELF-POWERED: comes standard configured with high-output LED technology and 120/347VAC input. Nickel-cadmium batteries provide a minimum 30 minutes of emergency duration. Optional 90 or 120 minute duration battery is available. Solid state charger & transfer. CSA 22.2 No. 141-15 Performance Certified.

EXTRUDED DESIGN

With the increasing need for bilingual exit signage, the clean lines and thin design of the **QUADRA-B6L** series provides a modern and attractive appearance for bilingual exit and sortie applications. The extruded aluminum frame contains no external holes or slots, adding to the clean look while eliminating unwanted light leaks. The extruded aluminum forms a rigid and durable frame that can be securely mounted in any application. The face and backplates are mounted into the frame using a pin and channel system that permits simple and speedy removal during installation. This design also eliminates the need for any visible screws or fasteners.



Faceplate slides up and outwards for quick and easy installation.

ELECTRICAL SPECIFICATIONS

The **QUADRA-B6L** series is configured with high-output LED lamps. Standard with 120/347VAC input. All versions are C860 approved and consume only 2W nominal power. Optional UDC emergency illumination is provided by the LED light source at the following wattages:

6VDC - 24VDC, 2 watts

If an AC generator is used to back up the signs, a surge suppression device is recommended to protect the entire emergency circuit.

MECHANICAL SPECIFICATIONS

The **QUADRA-B6L** is constructed of sturdy extruded aluminum. Universal mounting pattern and key hole slots are stamped on the backplate. Surface mount conduit entry knockouts are also provided. Field removable directional chevron arrows are standard. The **QUADRA-B6L** is supplied standard with an attractive and durable white, baked powder coat finish. Other colours are available, including custom colour matching, please specify. The faceplate is held securely in place with a pin and channel system that allows the faceplate to slide in the frame providing complete access to the interior of the sign. No visible screws, nuts or fasteners are used that would detract from the clean, modern design.

SELF-POWERED VERSIONS

The **QUADRA-B6L-SP** self-powered 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. The **QUADRA-B6L-SP** self-powered series utilize a solid state transfer technology that eliminates the possibility of relay failure due to particle build up on the relay. 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 on AC fail.

BATTERY TECHNOLOGY

The **QUADRA-B6L-SP** is designed with a maintenance free, nickel-cadmium battery providing a minimum emergency duration of 30 minutes. An optional 90 or 120 minute nickel-cadmium battery is available. Recharge time of the battery is twenty-four [24] hours.

INSTALLATION

The **QUADRA-B6L** is suitable for surface ceiling, wall and end mounting. For end mounting contact factory regarding additional support requirements. Suitable for indoor installations.