

Quadra Exit or Sortie Combo Extruded Aluminum LED Combo

Job/Location: _____

Contractor: _____ Prepared By: _____

Model Number: _____ Date: _____



MECHANICAL SPECIFICATIONS

The **QUADRA** Combination 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** Combination 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.

INSTALLATION

The **QUADRA** Combination series is suitable for surface ceiling and wall mounting. Suitable for indoor installations.

ORDERING INFORMATION

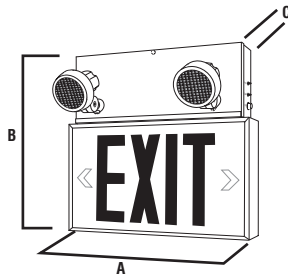
Series	Volts/Watts (30 min.)	Light Source	Letter Colour	Face #	Canopy Mount	Heads	Lamp	Options
QR-E (Exit)	6-36	L (LED)	R (Red)	1 (Single)	W (Wall)	0 (None)	See lamp selection	CC (Custom colour - specify)
QR-S (Sortie)	6-50				C (Ceiling)	1SR (One head)		*TD (10 min. time delay)
	12-36					2SR (Two heads)		WG (Wireguard)
	12-72					1LR (One head)		PK12 (12" pendant)
						2LR (Two heads)		AT (Auto-test)
						1BTMR (One head)		SM (Side mount heads)
						2BTMR (Two heads)		SW (Special wording)
						1SEA (one MR16 head)		TP (Tamper proof screws)
						2SEA (two MR16 heads)		
						1TESSQ (One head, HO)		
						2TESSQ (Two heads, HO)		

NOTE: *AC voltage must be specified Cabinet size may increase depending on options chosen

EXAMPLE: QR-E-6-50-L-R-1-W-2SEA-7WLED

DESCRIPTION: Quadra combination unit, 6V 50W for 30 minutes, red LED, single face, wall mount, 2 NEMA 4X SEA heads, 7 watt LED lamps.

DIMENSIONS (MM, IN.)



Series	A	B	C
Exit	330mm (13")	318mm (12 ^{1/2} ")	64mm (2 ^{1/2} ")
Sortie	470mm (18 ^{3/4} ")	318mm (12 ^{1/2} ")	64mm (2 ^{1/2} ")

MODEL RATING GUIDE

Model	Voltage (output)	Wattage Rating	
		30mins	120mins
QR6-36	6	36	10
QR6-50	6	50	15
QR12-36	12	36	10
QR12-72	12	72	22

INTERNAL SPECIFICATIONS

SELF-POWERED: Standard versions use a valve regulated, sealed lead-acid battery to provide the emergency lighting duration as specified per unit. LED standard 120/347V input. All versions are CSA 22.2 No. 141-15 Performance Certified..If an AC generator is used to back up the signs, a surge suppression device is recommended to protect the entire emergency circuit. If an AC generator is used to back up the signs, a surge suppression device is recommended to protect the entire emergency circuit."

COMBINATION SERIES ADVANTAGES

The **QUADRA** Combination series provides exceptional emergency lighting versatility by combining an exit sign with an emergency lighting unit. The various voltage and wattage configurations of the **QUADRA** Combination series allows for the powering of remote emergency lighting fixtures, further enhancing the capabilities of this series. The clean look and sturdy design work well in just about every application.

CHARGER SPECIFICATIONS

The **QUADRA** Combination series charger is a fully automatic current limited charger with solid state line latched low voltage disconnect protection. All components are temperature compensated. The charger also has brownout and short circuit protection. Charger status is determined via a dual diagnostic LED display that indicates AC ON and High Charge. A push button test switch allows maintenance personnel to quickly determine the status of the exit and lamp load on AC fail.

EXTERNAL SPECIFICATIONS

The **QUADRA** Combination series are constructed from durable extruded aluminum. The **QUADRA** Combination comes standard with a white baked powder coat finish. Available in custom epoxy-based powder coat finishes (please specify). Universal mounting pattern and key hole slots are stamped into the backplate. Removable chevron arrows are standard on each fixture. Standard external LED status indicators and push button test switch. Heads are molded from high impact thermoplastic in a matching colour; SR PAR18 standard.

HEAD FEATURES

The **QUADRA** Combination series is supplied with two [2] PAR18 small style 9W heads, when specified. Large style PAR36 or BTMR-MR16 heads are also available. The PAR18 and PAR36 are constructed of high impact thermoplastic in a colour matching the finish of the cabinet and feature a unique locking twist collar that securely holds the lens and facilitates quick and easy re-lamping. The BTMR-MR16 heads are metal.

LAMP SELECTION

	6V	12V	24V
Composite Tungsten	7.2, 9W	9, 12, 18W	9, 18 (25W, PAR36 only)
Composite Quartz (Q)	6, 8, 10, 12W	12, 20 (55W PAR36 only)	N/A
LED-MR16	5, 7W	2, 5, 7W	5, 7W
MR16	N/A	20, 35, 50W	N/A
LED Module	3, 4W	3, 4W	N/A
TES	N/A	5, 9, 14, 30W	5, 9, 14, 30W
Sealed beam (PAR36 only)	N/A	6W	6W

* MR16 max 12W in SR head

BATTERY TECHNOLOGY

The **QUADRA** Combination series is designed with a maintenance free, valve regulated sealed lead-acid battery providing emergency lighting duration as specified per unit. Recharge time of the battery is twenty-four [24] hours. 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, as required by the fire code. 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.