

Quadraluce RM Extruded Aluminum Running Man LED Combo



Job/Location: _____

Contractor: _____ Prepared By: _____

Model Number: _____ Date: _____

Wall, ceiling or end mounting

3 lenses for different light distribution

High-output LED technology with constant light output level

Integrated test button & LED indicator



2-wire universal AC input of 120-347 VAC

4 x 2.5W LEDs
4000K



MECHANICAL SPECIFICATIONS

The **QUADRALUCE** combo 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. The **QUADRALUCE** is supplied standard with an attractive and durable white, baked powder coat finish. Other colours are available, including custom colour matching, please specify. The pictogram is held securely in place with a channel system that allows it 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 **QUADRALUCE** series is suitable for surface ceiling and wall mounting. Suitable for indoor installations.

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.



ORDERING INFORMATION

Series	Volts/Watts	Light Source	Face #	Pictogram	Mounting	Options
QR-RM-PL	12-10	L (LED)	1 (Single)	OLR (Universal pictograms)	W (Wall)	CC (Custom colour - specify)
			*2 (Double)	O (No indicators)	C (Ceiling)	WG (Wireguard)
			**U (Universal)	L (Left indicator)	M (Universal)	PK12 (12" pendant)
				R (Right indicator)		AT (Auto-test)
				D (Down indicator)		TP (Tamper proof screws)
				U (Up indicator)		SW-OL (RM no indicator, left)
				UR (45° up right)		90MIN (90 min. emergency)
				DR (45° down right)		120MIN (120 min. emergency)
				UL (45° up left)		
				DL (45° down left)		

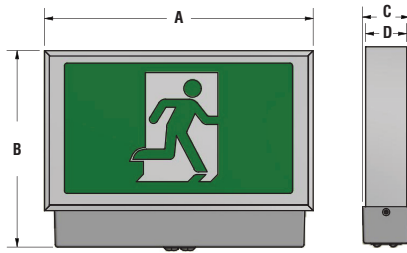
NOTE: *Two pictograms or OLR must be ordered - specify;

**Specify OLR pictogram;

EXAMPLE: QR-RM-PL-12-10-L-1-O-W.

DESCRIPTION: Quadraluce combo, 12V 10W for 30 minutes, single face, pictogram with no indicator, wall mount.

DIMENSIONS (MM, IN.)



Series	A	B	C	D
QR-RM-PL	343mm	241mm	57mm	51mm
	13 1/4"	9 1/2"	2 1/4"	2"

CHARGER SPECIFICATIONS

The **QUADRALUCE** series utilizes a high-efficiency two stage charger providing precise float voltage control with low voltage disconnect protection. Program controlled trickle charge current is provided by the charging unit in order to maintain the optimum performance of the Ni-Cd/Ni-Mh battery. 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 multi-coloured diagnostic LED indicator which displays AC/ON and High Charge. An external push button test switch allows maintenance personnel to quickly activate any manual tests on the fixture.

LED TECHNOLOGY

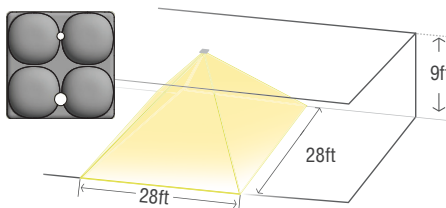
The **QUADRALUCE** is illuminated with four 2.5W Samsung LEDs. The **QUADRALUCE** delivers up to 919 lumens. Each pair of LEDs are laid out in parallel on the LED module so if one pair fails, the other will remain illuminated. A high-efficiency LED driver is used to maintain a constant output current to all LEDs. The LEDs are rated for >54,000 hours at L80.

AC INPUT RATINGS

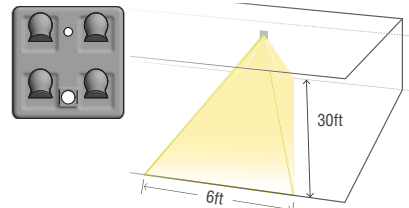
Voltage (VAC)	Wattage (W)	Rated Current (A)
120/277/347	6.0/6.5/8.6	0.15/0.075/0.10

LENS DISTRIBUTION PATTERNS

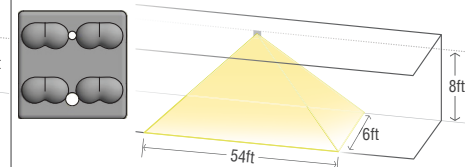
Ceiling Symmetrical:



Wall Forward



Wall Wide



Reflectancies are 80 x 50 x 20, measurements are not to scale

INTERNAL SPECIFICATIONS

The **QUADRALUCE** series is configured with two-wire universal 120-347VAC 60 Hz input. Solid state microprocessor controlled circuitry also includes brownout protection, battery and charge circuit monitoring, LED failure detection and reverse polarity protection. CSA 22.2 No. 141-15 Performance Certified.

BATTERY TECHNOLOGY

The **QUADRALUCE** comes standard with a Ni-Cd battery pack that provides a minimum of 30 minute emergency duration. Optional 90 or 120 minute run time is available. The maximum battery operating temperature is +40°C and the minimum is +10°C.

LENSES

The **QUADRALUCE** surface is supplied with 3 lenses for a choice of distribution patterns. These custom designed lenses are constructed of optical grade polycarbonate. The symmetrical ceiling distribution is suitable for use in open areas with spacing of up to 28' on centre. The wall mounted wide lens provides an asymmetrical distribution with spacing up to 54' on centre. The wall mounted forward lens provides an asymmetrical distribution with a 30' x 6' wide path of egress.

FCC

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

BEGHELLI AUTO-TEST (AT)

The Beghelli auto-test system automatically performs one 5 minute discharge test monthly and every 6 months it performs two full 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.

A manual Test feature is included when the Auto-test option is selected. The manual test will run a 30 second, 15 minute or 90 minute test by pressing the correct sequence of the test switch.