

Formaluce RM Die-Cast 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



Die-cast aluminum housing

2-wire universal AC input of 120-347 VAC

4 x 2.5W LEDs 4000K



MECHANICAL SPECIFICATIONS

The **FORMALUCE** is constructed from durable die-cast aluminum. Universal mounting pattern is stamped on the back. The **FORMALUCE** is supplied standard with a brushed aluminum face(s) and a black baked powder coat finished housing. Other colours are available, including custom colour matching, please specify. The faceplate is held securely in place with a screw and a pivot bracket system that allows for complete access to the interior of the sign.

INSTALLATION

The **FORMALUCE** is suitable for ceiling, wall and end 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

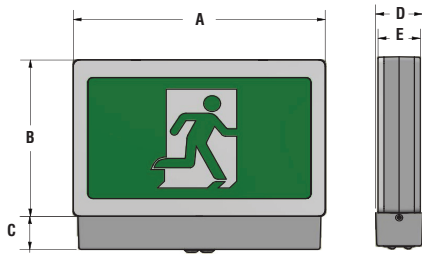
Series	Operation	Light Source	Face#	Pictogram	Mounting	Options
FM-RM-PL	12-10	L (LED)	1 (Single)	OLR (Universal pictograms)	W (Wall mount, no canopy)	WW (White face, white body)
			*2 (Double)	O (No indicators)	M (Universal mount, wall, ceiling or end)	BB (Black face, black body)
			**U (Universal)	L (Left indicator)		CC (custom colour - specify)
				R (Right indicator)		BA (Brushed aluminum body)
				D (Down indicator)		AT (Auto-test)
				U (Up indicator)		WG (Wireguard)
				UR (45° up right)		TP (Tamper proof screws)
				DR (45° down right)		PK12 (12" pendant kit)
				UL (45° up left)		90MIN (90 minute run time)
				DL (45° down left)		120MIN (120 minute run time)
						SW-OL (RM no indicator, left)

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

EXAMPLE: FM-RM-PL-L-1-OLR-W

DESCRIPTION Formaluce die-cast aluminum running man combo, 120-347V input, 12V 10W LED, single face, universal pictogram, wall mount

DIMENSIONS (MM, IN.)



Series	A	B	C	D	E
FM-RM-PL	321mm	213mm	45mm	57mm	54mm
	12 5/8"	8 3/8"	1 3/4"	2 1/4"	2 1/8"

CHARGER SPECIFICATIONS

The **FORMALUCE** 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

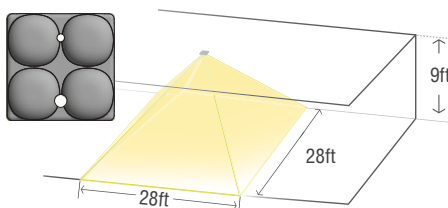
The **FORMALUCE** is illuminated with four 2.5W Samsung LEDs. The **FORMALUCE** delivers up to 919 lumens. Each pair of LEDs are laid out in parallel on the LED module so if one pair fails, the other will remain illuminated. A high-efficiency LED driver is used to maintain a constant output current to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

BATTERY TECHNOLOGY

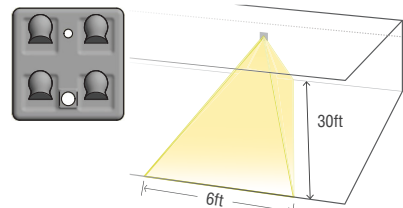
The **FORMALUCE** comes standard with a Ni-Cd battery pack that provides a minimum of 30 minute emergency duration. Optional 90 or 120 minute run time is available. The maximum battery operating temperature is +40°C and the minimum is +10°C.

LENS DISTRIBUTION PATTERNS

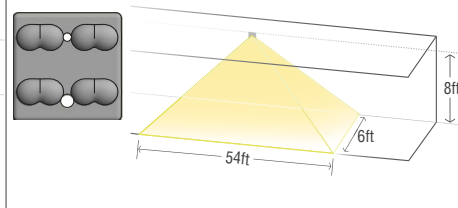
Ceiling Symmetrical:



Wall Forward



Wall Wide



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

INTERNAL SPECIFICATIONS

The **FORMALUCE** 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.

LENSES

The **FORMALUCE** 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.

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

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.

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.