

# MIRA 5 RECESSED WALK OVER FIXTURES

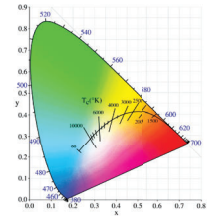
Load 20 kN | Class I IP67 IK10

The Mira series consists of a range of LED sources to deliver the desired light effect to facades, columns, bridges, monuments, and signs. The series is made of a die cast aluminium body with electrostatic powder paint finished with a 316L stainless steel cover. The recessed versions are for Walk over up to 20 kN including a stainless steel recessing box. The surface mounted versions come with a heavy-duty 316L stainless steel bracket. The fixtures come with integrated electronic ballasts and a specially developed potted power cable to effectively bond with the cast resin and stop any water ingress. The LEDs used come in 3 different tones of white, as well as blue, red, green, amber and RGB. Several lenses from 6 to 40 degrees are available to choose from to achieve the desired the light effect.

- Cover**  
316L Stainless steel
- Body**  
Die cast aluminium
- Diffusers**  
12 mm Tempered Glass
- Gaskets**  
Silicone
- Screws**  
316L Stainless Steel
- Recessing Box**  
Steel

**“Customization” is EMFA’s standard**

EMFA offers many combinations for each fixture, as all fixtures are made in house. A combination of 2 finished of stainless steel, 8 LED colors, 2 wattages, and 5 or more lenses and reflectors are available to make the fixture suitable for the required application. This is done without increasing lead-time and is available for large as well as small quantities.



**LEDs**

Only highest quality LEDs such as Cree or Toplite are used in production allowing for maximum lumen output and maximum lifetime. Most LEDs run on 350mA or 700mA depending on how much light output is required. The white color temperature binning is 200K at most, and always on the same x,y coordinates on the CIE diagram in accordance with Energy Star. This ensures consistent supply of the same color temperature over time. As LEDs are constantly developing and becoming more efficient, lumen output given in this catalogue are current as of March 2020. At 2700K, 3000K, and 4000K LED lumen output per led is 110lm; at 6000K the lumen output per led is 125lm. Total Lighting Output as printed in this catalogue is the actual light output of the entire fixture. The minimum CRI of the LEDs used is 85 with a majority of products over 90.

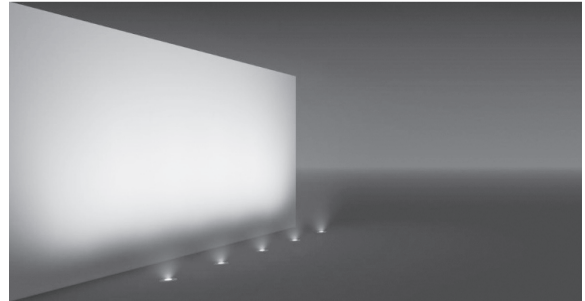
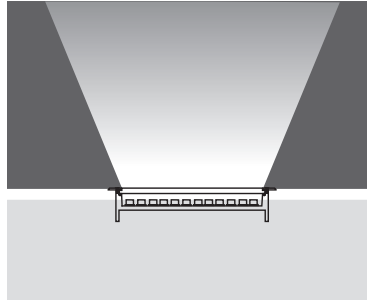
**Thermal Management**

All fixtures are designed to withstand ambient temperatures of at least 50°C. The LEDs are mounted on metal core pcbs, which are mounted the aluminium body of the fixture so that the entire fixture acts as a heat sink. Extensive testing is performed in EMFA’s laboratory to ensure these values are maintained so that the lifetime of the LED is not compromised.

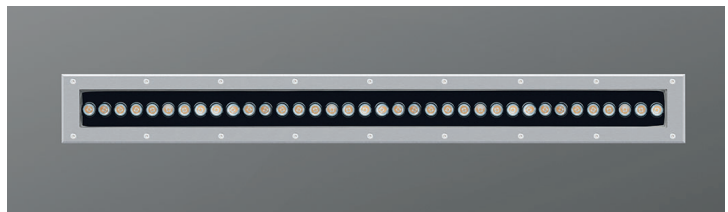
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## SYMMETRICAL LED



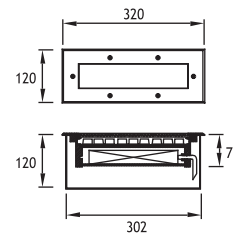
- Voltage** : 240V AC with integrated driver  
(24V AC or DC on request)  
for RGB "240V AC with remote driver"
- Lens** : 10°, 25°, 40° (Elliptical lens options available)
- Diffuser** : Clear Glass 12 mm  
(Frosted Glass on request)
- Cable** : Potted 5 m 3x0,75 H03 VV-F



### 320 mm 9W POWER LED

		Total Lighting Output	Code No
☀ Warm White	3300 K	810 lm	441001
☁ Natural White	4500 K	810 lm	441002
☀ Cool White	6000 K	931 lm	441003
🌈	RGB		441004

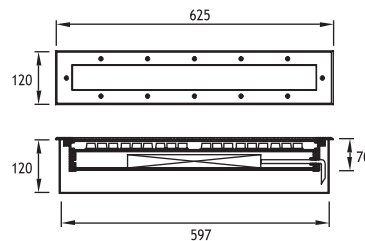
Single color LED options upon request are ;  
● Blue ● Amber ● Green ● Red



### 625 mm 21W POWER LED

		Total Lighting Output	Code No
☀ Warm White	3300 K	1890 lm	441101
☁ Natural White	4500 K	1890 lm	441102
☀ Cool White	6000 K	2175 lm	441103
🌈	RGB		441104

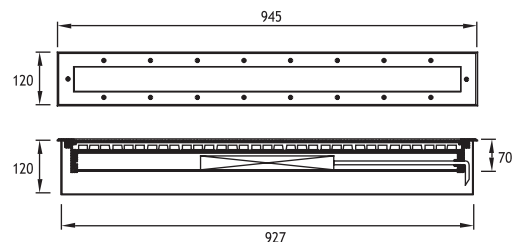
Single color LED options upon request are ;  
● Blue ● Amber ● Green ● Red



### 945 mm 33W POWER LED

		Total Lighting Output	Code No
☀ Warm White	3300 K	2970 lm	441201
☁ Natural White	4500 K	2970 lm	441202
☀ Cool White	6000 K	3415 lm	441203
🌈	RGB		441204

Single color LED options upon request are ;  
● Blue ● Amber ● Green ● Red



### 1255 mm 45W POWER LED

		Total Lighting Output	Code No
☀ Warm White	3300 K	4050 lm	441301
☁ Natural White	4500 K	4050 lm	441302
☀ Cool White	6000 K	4655 lm	441303
🌈	RGB		441304

Single color LED options upon request are ;  
● Blue ● Amber ● Green ● Red

