

COMPANY PROFILE

**FRATER<sup>®</sup>**  
SPAIN SINCE 1999





***LIGHT UP THE CITY!***

# AWR`S INTRODUCTION

“AW Rostamani Group (AWR), founded in 1954 in Dubai, UAE, is one of the Middle East’s leading and most reputable conglomerates, with 4,000 employees, and a presence in the UAE, India, Netherlands and the United Kingdom. Its subsidiaries work across a diverse of sectors including automotive, real estate, retail, lighting solutions, travel, and logistics. Arabian Automobiles, an internationally renowned business of AWR, is the exclusive distributor of Nissan, Infiniti, and Renault across Dubai and Northern Emirates. AWR continues to enrich the lives of its customers through their innovative products, services and sustainable solutions in the marketplace.”

# ABOUT US

Frater, a Spanish company founded in 1988, was introduced to the UAE in 1999 by AW Rostamani Group. Its dedicated team has been striving to provide the most innovative and sustainable lighting solutions ever since. In 2014, Frater launched its first LED product line, beginning a new era of lighting. Our in-house manufacturing division, advanced photometric testing process, and quality assurance have remained at the forefront of the industry. Frater’s lighting solutions cover a wide range of applications, from residential and commercial to industrial and retail.



# VISION

To be the most preferred lighting solutions partner in the Middle East.

# MISSION

We strive to deliver the most suitable lighting solutions at the best value with reliable service and quality.

# VALUES

Frater is a quality mark that depicts the business's core values through innovative technologies.



INTEGRITY



COMMITMENT



VALUE

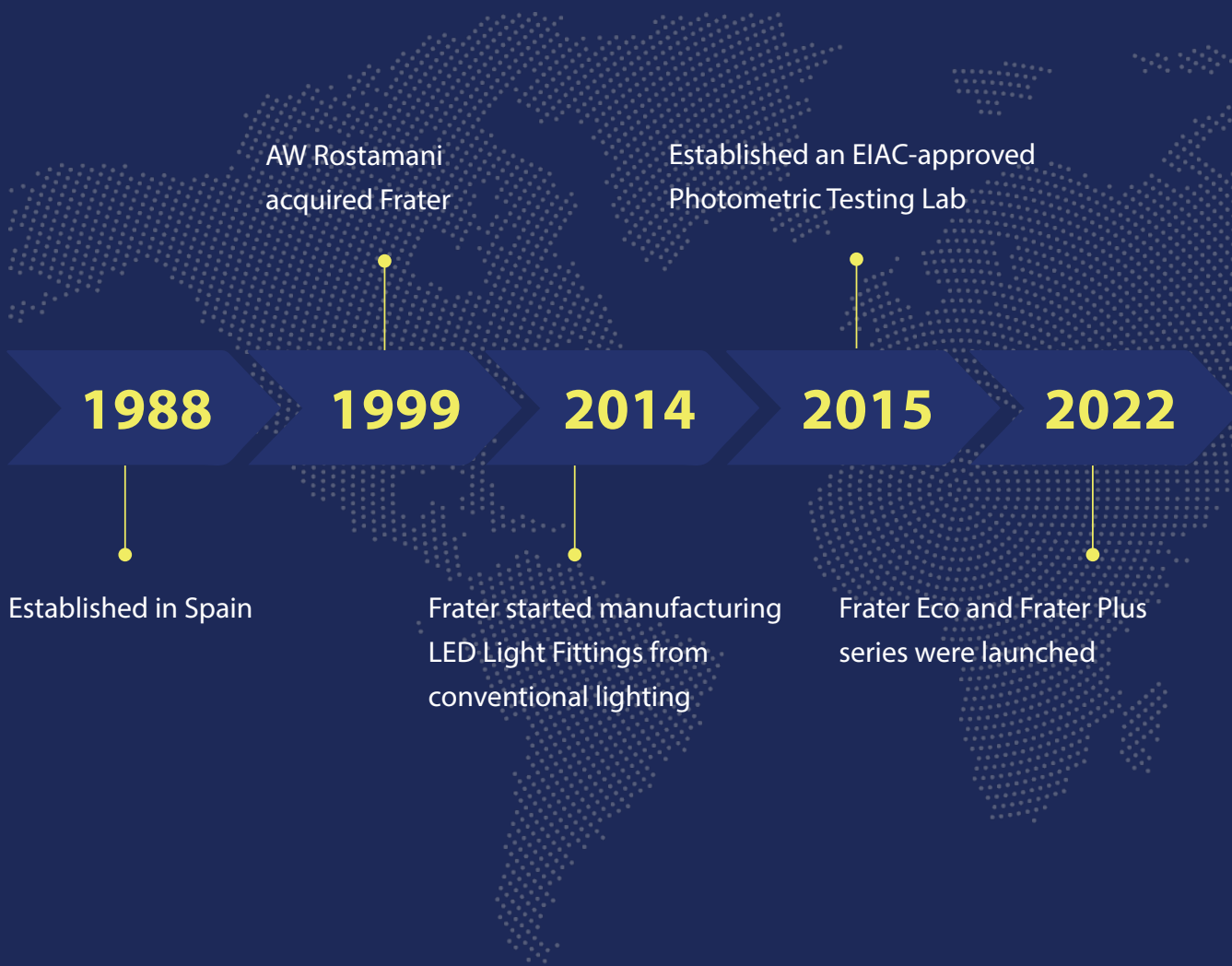


PASSION



INVENT

# FRATER'S BUSINESS JOURNEY



# WHY FRATER

Frater provides a wide array of high-quality LED lighting solutions to suit any needs. By manufacturing locally, we can maintain a customer-oriented approach to meet their demands and deliver products promptly.

WIDE RANGE OF PRODUCTS



MANUFACTURED IN THE UAE



SUPERIOR STANDARDS



# QUALITY ASSURANCE

At Frater, we take pride in our renowned in-house laboratory, which rigorously tests our products to guarantee only the best standards are achieved. Our rigorous commitment to quality has earned the loyalty of our clients, who can trust that their partnership with us never compromises excellence.

INTEGRATING SPHERE

C-TYPE GONIOPHOTOMETER

AGEING MACHINES



# PRODUCT DEVELOPMENT

## Product Design

At Frater, innovation is a key pillar embedded into our business. Over the years, we have recognised the dynamically changing needs of our clients and our adaptive strategy has ensured that our products are always modern and effective. With the latest introduction of our Frater Eco and Frater Plus product lines in 2022, we remain steadfast in being committed to driving innovation to match client requirements.



## Lighting Manufacturing

Frater is an ISO 9001:2017 certified manufacturer . Our automated surface mounting technology (SMT), electronic assembly conveyors, bending, CNC punching stations and powder coating facilities are just some of the technologies that contribute to our success.

However, all of this would not be successful without our skilled and passionate workforce who handle and supervise operations. Combined, this ensures that only the highest quality products leave the production line. Meticulous quality assurance teams then inspect the products to guarantee there are no compromises to quality.

“

**SERVING MULTIPLE  
PURPOSES WITH  
VARIOUS SOLUTIONS**

# LIGHTING LABORATORY

As a manufacturer, it is important to be sustainable. Part of being sustainable is ensuring that every product works at its full potential and efficiency. Recognizing this, Frater made substantial investment into an ISO 17025:2017 accredited photometry testing laboratory with a well-integrated combination of accelerated aging and life testing machines, integrated sphere, C-type goniophotometer and electrical measurement machines. The laboratory is one of the first of its kind in the Middle East and accredited from EIAC (Emirates International Accreditation Centre). Our dedicated lab technicians perform a variety of tests in accordance with IES (Illuminating Engineering Society) approved methods in order to produce the most accurate and precise results.



C-TYPE GONIOPHOTOMETER

# Accredited Test Methods

## IES LM 8-79

Approved Method: The Electrical and Photometric Measurements of Solid-State Lighting Products.

## Measurements

- Total luminous flux (lumens)
- Luminous efficacy (lm/W)
- Luminous Intensity (candelas)
- Chromaticity coordinates
- Correlated color temperature (CCT)
- Color rendering index (CRI)
- Spectral distribution measurements
- Luminous intensity distributions Electrical measurements:
- Input voltage (V)
- Input current (A)
- Input power (W)

## IES LM 12-82

Approved Method: Characterization of LED Light Engines and LED Lamps for Electrical and Photometric Properties as a Function of Temperature

## Measurements

- Frequency (Hz)
- Power factor
- LED Temperature monitoring point (Tb)
- Driver temperature monitoring point (Td)
- If applicable)
- Input power (W)
- Input voltage (V)
- Input Current (A)
- Luminous flux (lm)
- Luminous efficacy (lm/W)
- CIE chromaticity (x,y)
- Correlated color temperature (CCT)

# ISO17025:2017 Accredited Lighting Laboratory

## Testing Standards

- IES LM-79-08
- IES LM-82-12

## Test Description

- Electrical & Photometric Measurment
- Electrical & Photometric Measurment at different Temp.

## Lead Time

- 5 Working Days

# EIAC Accredited Testing Scope:

## Test Description

- Luminaire Lumen
- Luminaire Efficacy
- Luminaire Beam Angle
- Luminaire CCT
- Luminaire CRI
- Luminaire Power
- Luminaire Power Factor
- Luminaire Driver Temperature
- LED Cathode Temperature

## Test Description

- Luminaire Total Lumen Measurement
- Luminaire Lumen/Watt Measurement
- Luminaire Light Distributions Measurement
- Luminaire Color Temperature Measurement
- Luminaire Color Rendering Measurement
- Luminaire Power Measurement
- Luminaire Power Factor Measurement
- Measurement of Temperature of LED Driver
- Measurement of LED Temperature @ Cathode Point

## Lead Time

- 3 Working Days

# Non-EIAC Accredited Testing Scope:

## Partial Testing

- High Voltage Test
- Insulation Resistance Test
- LED Driver Efficiency Test

## Test Description

- Check the Electrical Strength of Luminaire
- Check the Insulation Resistance of Luminaire
- Check the Efficiency/Performance of LED Driver

## Lead Time

- 3 Working Days



# PRODUCT RANGE

Our products cover an extensive range of indoor, outdoor, façade and landscape lighting solutions.



Effective and efficient, Frater provides a range of products required under project specifications and requirements.



Robust and reliable, Frater Eco offers trading clients a range of products with 2-3 years warranty with valued results.



With up to 10 years warranty, Frater Plus offers sublime quality with high-end customization options to clients.



# PRODUCT RANGE

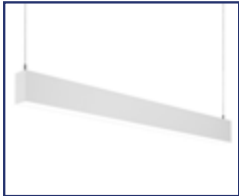
## Indoor



Downlight



Track Light



Linear Light



Weatherproof Light



Spotlight



Ceiling Light



Mirror Light



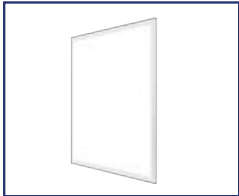
Highbay Light



Wall Washer



Surface Down Light



Panel Light



Lowbay Light



Linear Grazer light



Linear Light I



Strip Light



Flood Light

## Outdoor



Bulkhead Light



Canopy Light



Uplight-Buries Light



Streetlight



Wall Light



Bollard Light



Spike Light

“

INTEGRATING A  
FULL-SPECTRUM  
OF QUALITY-CENTRIC  
PRODUCTS

## FRATER'S REACH



## FRATER'S SECTORS



Residential



Commercial



Industrial



Governmental

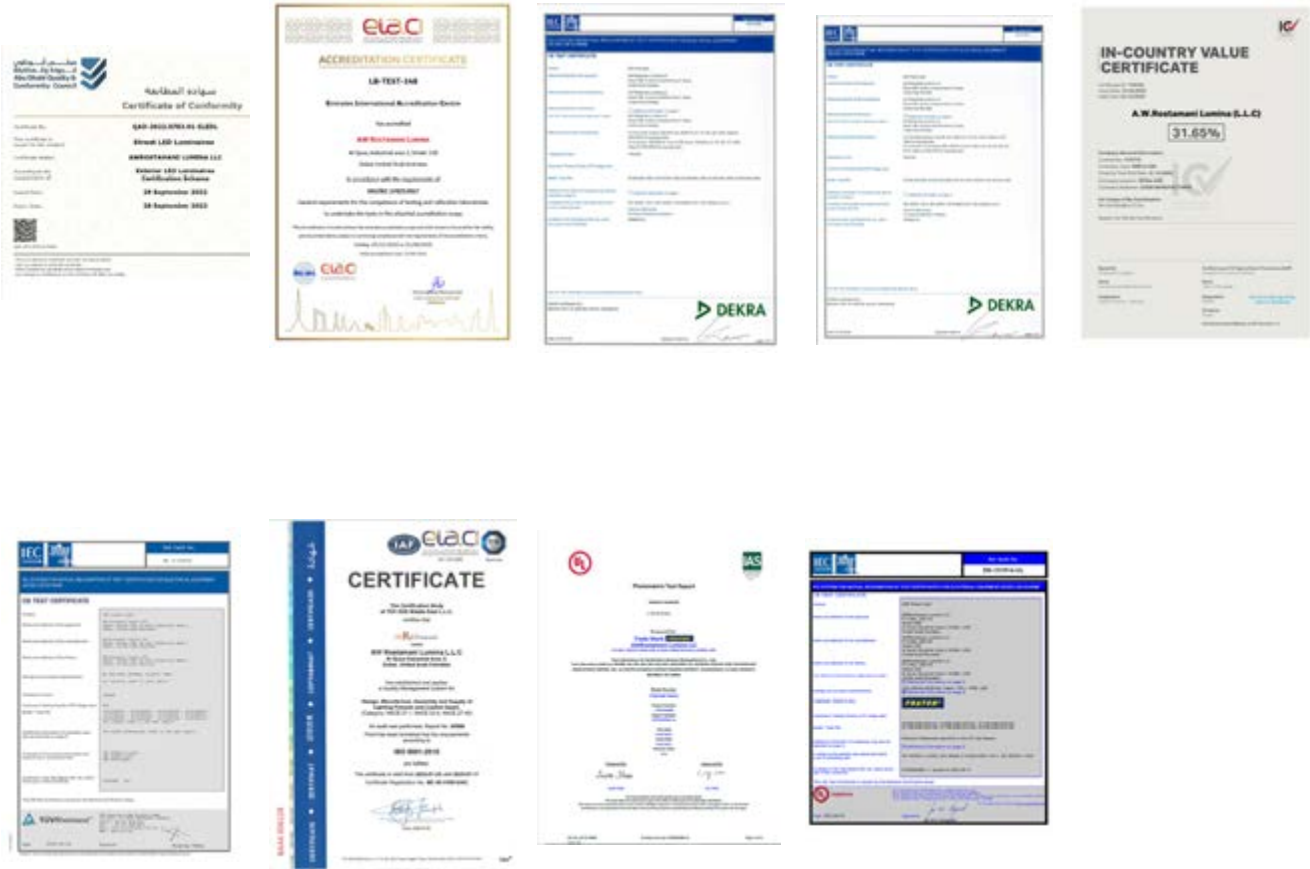


Educational



Infrastructure

# CERTIFICATIONS



# REGISTRATIONS



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COMPLYING WITH QUALITY

# FRATER'S CLIENTS

# FRATER'S SELECTED PROJECTS

<b>01</b> Yiwu Market	<b>02</b> SLS Tower	<b>03</b> Akoya Villas	<b>04</b> Discovery Gardens
<b>05</b> Al Markaz Development project	<b>06</b> Rixos Palm Jumeirah	<b>07</b> Legoland Hotel Dubai	<b>08</b> Sheikh Zayed Housing Programme
<b>09</b> Dewa Power station	<b>10</b> Sushi Samba Dubai	<b>11</b> New Zealand Pavilion, Expo 2020	<b>12</b> FitnGlam Women GYM
<b>13</b> Dubai Hills Estate Maple 1	<b>14</b> Construction of 1027 building, Jordan	<b>15</b> Al DAR Education	<b>16</b> Retrofitting LED Lighting Solution for Wasl Properties



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