

# Lighting Solutions for Recreational Sport Environments

Edition 1 - 2021





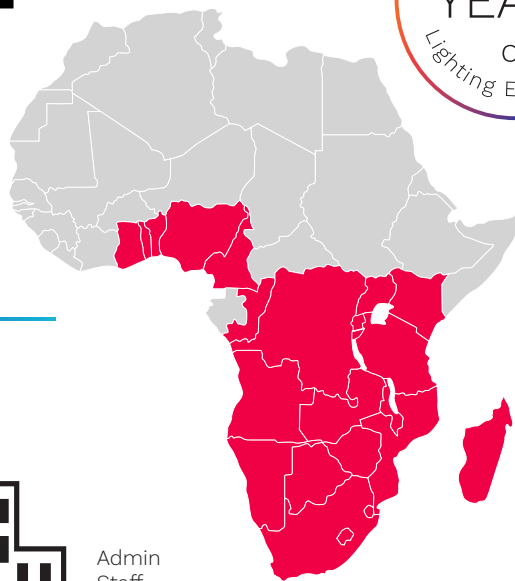
# BEKA Schröder

Experts in lightability™

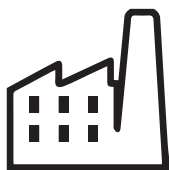


## Market Leaders

Africa's leading manufacturer of Luminaires and Glass Fibre Reinforced Polyester (GRP) Poles



## Local Employment



Factory Staff  
**141**



Admin Staff  
**140**

## Origin

**1978:** We commenced operations in Namibia. Our products became successfully established in neighbouring South Africa.  
**1981:** We relocated to Olifantsfontein, a strategically positioned industrial town situated between Johannesburg and Pretoria.

## Schröder

Experts in lightability™

**2002:** We entered into a partnership with the Belgian company Schröder, a multinational lighting company that is present in about 35 countries.  
**2013:** We became a wholly owned Schröder company, allowing us to embrace the latest technologies, such as optimising light control technologies, for which Schröder are well renowned.

## Inhouse R&D

Our success can be attributed to the research and development of our luminaire and pole ranges, ensuring the appropriate mechanical and thermal product integrity in the environmental conditions of the African continent.



BEKA Schröder became SA's first lighting company to be awarded ISO 9000 certification. This commitment to quality became the company's hallmark, enabling us to become Africa's largest lighting manufacturer and market leader in exterior lighting.

## Lighting Solution Offer



Motorways | Urban & residential streets | Squares & Pedestrian areas | Large areas | Industrial halls & Warehouses | Accent & Architectural | Bridges | Sport venues | Tunnels & Underpasses

## Committed to Save Energy

By combining the best of LED technology with a wide range of control systems, our solutions can offer huge energy savings of up to 85% and radically reduce the payback time of a new installation.



# Applications Department

In-house lighting design team for all your design applications



## Schröder ITERRA

Smart sports lighting control solution



With the Schröder ITERRA smart sports lighting solutions you benefit from:

- Quick and easy implementation
- Open technologies and standards
- Outstanding user experience
- Futureproof solution
- Cost effective control system
- Additional energy savings & increased lifetime of luminaires
- Remote and physical control, data monitoring and preventive maintenance

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# Product Selection

1

## OMNIBLAST-E MAXI

Modular LED floodlighting solution

**Power consumption:** 455 - 1 398W

**Lumen:** 59 000 - 177 000lm

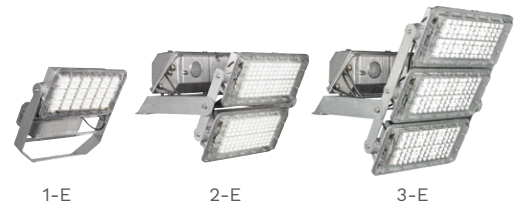
**Efficacy:** ≥126lm/W

**CRI:** >70

**Colour temperature:** 5 700K / 4 000K (optional)

**Operating hours:** 100 000 hours (L70B10)

**Input Voltage:** 198-264V 50Hz



2

## OMNIBLAST-E MIDI

Modular LED floodlighting solution

**Power consumption:** 245 - 490W

**Lumen:** 31 400 - 62 800lm

**Efficacy:** ≥128lm/W

**CRI:** >70

**Colour temperature:** 5 700K / 4 000K (optional)

**Operating hours:** 100 000 hours (L70B10)

**Input Voltage:** 198-264V 50Hz



3

## LEDFLOOD

High-performance LED floodlight

**Power consumption:** 55 - 265W

**Lumen:** 9 226 - 43 584lm

**Efficacy:** ≥152lm/W

**CRI:** ≥70

**Colour temperature:** 4 000K /

3 000K & 5 700K (optional)

**Operating hours:** 100 000 hours (L95B10)

**Input Voltage:** 198-264V 50Hz



4

## OMNISTAR

LED floodlighting solution

**Power consumption:** 36 - 226W

**Lumen:** 5 740 - 32 044lm

**Efficacy:** ≥134lm/W

**CRI:** ≥70

**Colour temperature:** 4 000K / 5 700K (optional)

**Operating hours:**

MICRO/MINI: 80 000 hours (L70B10) /

MIDI: 100 000 hours (L90B10)

**Input Voltage:** 198-264V 50Hz



5

## LEDBAY

LED lowbay and highbay

**Power consumption:** 132 - 177W

**Lumen:** 20 170 - 29 040lm

**Efficacy:** ≥152lm/W

**CRI:** ≥70

**Colour temperature:** 4 000K

**Operating hours:** 100 000 hours (L70B10)

**Input Voltage:** 198-264V 50Hz



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## ECOBAY

LED lowbay and highbay

**Power consumption:** 125 - 203W

**Lumen:** 20 770 - 32 260lm

**Efficacy:** ≥159lm/W

**CRI:** ≥70

**Colour temperature:** 4 000K

**Operating hours:** 100 000 hours (L70B10)

**Input Voltage:** 198-264V 50Hz

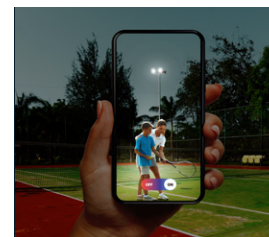


## 7 Schröder ITERRA

Smart sports lighting control solution



Schröder ITERRA provides a complete user- and installer-friendly wireless control solution for sports lighting applications. A mobile App based system, Schröder ITERRA is very easy to operate. It comes with an intuitive visual interface that users can quickly personalise to the layout and settings of their lighting installation.



LAUNCH: Q3 2021

## 8 TECEO

Decorative functional LED luminaire

**Power consumption:** 10 - 302W

**Lumen (output flux):**

800 - 40 400lm

**Efficacy:** ≥112lm/W

**CRI:** ≥70

**Colour temperature:** 4 000K / 3 000K (optional)

**Operating hours:** 100 000 hours (L95B10)

**Input Voltage:** 230V 50Hz



## 9 LEDLUME XP 2

High-performance LED street light

**Power consumption:** 33 - 100W

**Lumen:** 5 714 - 14 969lm

**Efficacy:** ≥142lm/W

**CRI:** ≥70

**Colour temperature:** 4 000K / 3 000K &

5 700K (optional)

**Operating hours:** 100 000 hours (L95B10)

**Input Voltage:** 198-264V 50Hz



## 10 SOLARPOLE - post top version

Integrated LED solar lighting solution

**Power consumption:** 26W

**Lumen:** 4 385lm

**Efficacy:** 168lm/W

**CRI:** ≥80

**Colour temperature:** 4 000K / 3 000K (optional)

**Operating hours:** 50 000 hours (L80B10)



LAUNCH: Q3 2021

## 11 ZELA

Decorative LED post top

**Power consumption:** 22 - 46W

**Lumen:** 3 270 - 6 540lm

**Efficacy:** ≥142lm/W

**CRI:** ≥70

**Colour temperature:** 4 000K / 3 000K &

5 700K (optional)

**Operating hours:** 100 000 hours (L70B10)

**Input Voltage:** 198-264V 50Hz



## 12 BEKA LEDPOST

Decorative LED bollard

**Power consumption:** 14 - 23W

**Lumen:** 1 750 - 2 610lm

**Efficacy:** ≥114 lm/W

**CRI:** ≥70

**Colour temperature:** 4 000K / 3 000K (optional)

**Operating hours:** 100 000 hours (L70B10)

**Input Voltage:** 198-264V 50Hz

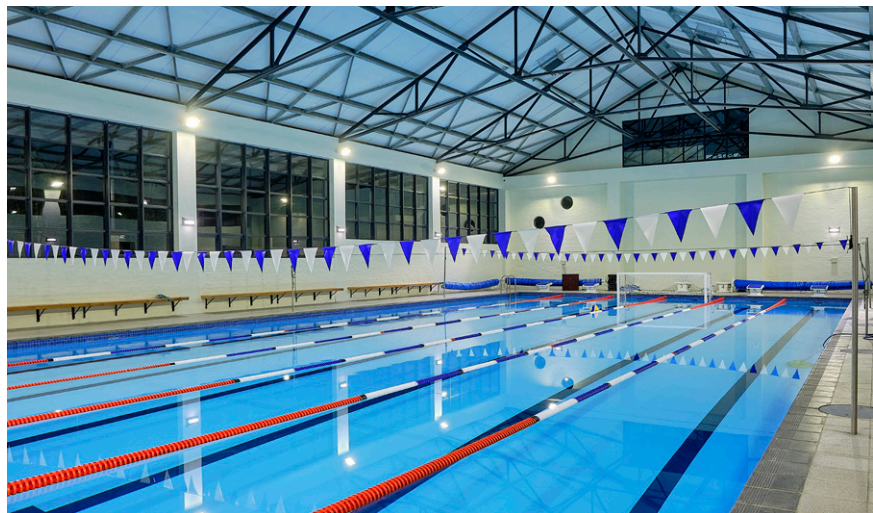






Recreational Sports

① ② ③ ④ ⑦



Indoor/Outdoor Swimming Pool

① ② ③ ④ ⑤ ⑥ ⑦



Multi-Purpose Hall

② ④ ⑤ ⑥ ⑦



Tennis Court

① ② ③ ④ ⑦



Hockey Field

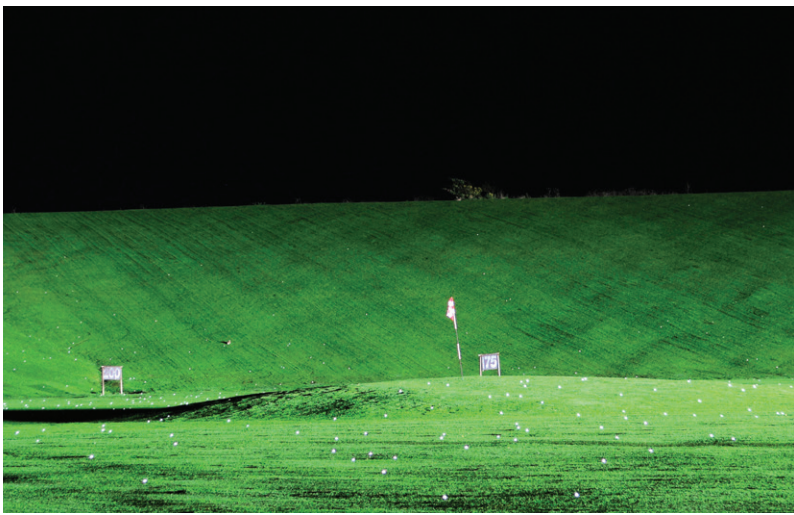
① ② ④ ⑦





Track & Field

- 1
- 2
- 3
- 4
- 7



Golf Driving Range

- 1
- 2
- 3
- 4
- 7



Rugby Field

- 1
- 2
- 4
- 7



Stadium

- 1
- 2
- 7



Peripheral Lighting

- 4
- 8
- 9
- 10
- 11
- 12

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