

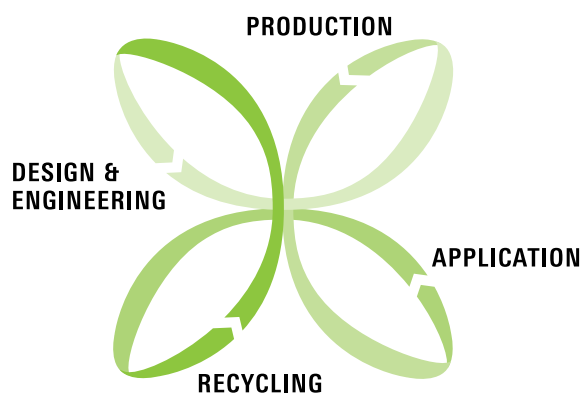
we-ef

WE-EF LEUCHTEN
General Catalogue
European Edition
2016–2018



12	Underwater floodlights
18	Inground luminaires
54	Wall luminaires recessed
76	Wall luminaires surface mounted
114	Ceiling luminaires
136	Bollards and pathway luminaires
154	Light columns
172	Street and area lighting
260	Eco Step Dim®
266	RAIL66 system
286	Projectors
326	Floodlights
340	Area floodlights
370	Accessories
378	Poles
398	Technical information
429	Series index
430	Product index
440	Contact information

THE INTELLIGENCE OF
LIGHT®



Design and Engineering

The most important element in the design process is the development of luminaires that encompass timeless design; in other words, design that best reflects their enduring qualities.

In addition, state-of-the-art engineering brings with it the highest standards with regard to environmentally-friendly materials and processes, i.e., high IP ratings, excellent thermal management and innovative optical systems. The development of high-end, efficient reflectors and lenses is one of the core competencies of WE-EF. This means compliance with international lighting and safety norms, while meeting the criteria of such organisations as the Dark Sky Society. Continual investment in research and development is the basic condition for meeting these requirements. WE-EF innovations, such as IOS® Innovative Optical Systems, CTA® Cool Touch Adaptor, ASC Anti Slip Coating and OLC® One LED Concept, are just some examples of the company's continuing investment in technology.

The most significant WE-EF contribution to protecting the environment is the creation of products that are engineered to endure, essentially minimising the need to replace or recycle them for many years.

Production

'Made by WE-EF' is more than just an expression; the high quality level of in-house production processes includes:

- Tooling for HPDC and injection moulding
- Aluminium high-pressure die-casting
- CNC machining
- Powdercoating
- Pole manufacturing
- Assembly

Through continual investment in tooling, production processes and the ongoing education of our employees, we are able to achieve the highest standards of quality. In exterior lighting, the corrosion resistance qualities of a product are important for their reliability and longevity. A durable and reliable corrosion protection can only be achieved when Product Development and the Production Processes are considered together. Years of research, development and practical testing and experience in some of the harshest climates on earth has resulted in WE-EF's unique 5CE corrosion protection system. It encompasses five critical elements; Material, Conversion Coating, Powder Coating, PCS Polymer Coated Stainless Hardware and Process Control. Only complete systems such as 5CE can provide reliability and longevity in exterior environments.

Application

Real and sustainable cost and energy savings can only be achieved through professional project planning, including the application of the latest optical systems and light sources. In streetlighting applications, for example, this means minimising the number of luminaires required by optimising the efficiency of the optical system, while at the same time limiting glare in line with international standards. In short, reduced installation and maintenance costs, less CO₂ and improved quality of light.

Recycling

More than 90 per cent of a WE-EF luminaire can be recycled. The main component, a marine-grade aluminium substrate, is refined from recycled aluminium. This recycled aluminium is also an 'energy storer'. Only 5 per cent of the original energy needed to process bauxite into aluminium is required for recycling. In other words, 95 per cent of the original energy input is also recycled.

Worldwide performance

With its in-depth understanding of regional practises and environmental standards, WE-EF provides architects, lighting designers and project consultants with comprehensive support for architectural and urban lighting projects.

Established more than 65 years ago in Germany, the WE-EF Group now comprises seven companies worldwide - each fully supported by an extensive network of regional distributors and agents.

● WE-EF group worldwide

WE-EF LEUCHTEN Germany

WE-EF LIGHTING United Kingdom

WE-EF LUMIERE France

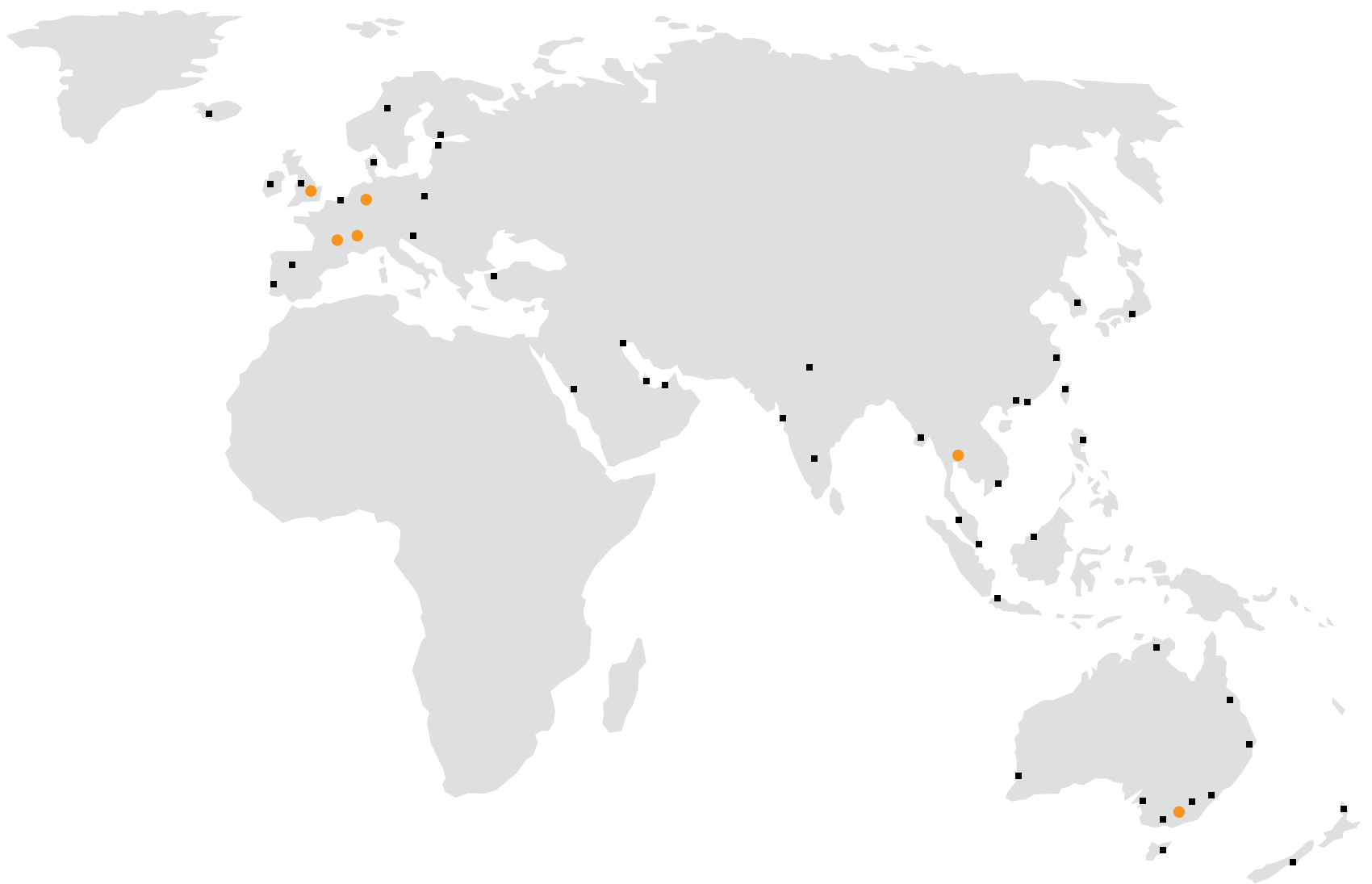
WE-EF HELVETICA Switzerland

WE-EF LIGHTING United States of America

WE-EF LIGHTING Thailand

WE-EF LIGHTING Australia

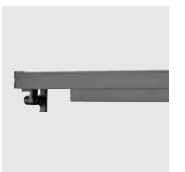






EFC100

20



VLR100

78

Luminaires and accessories

Underwater floodlights

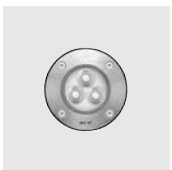


ULC200 14

Inground luminaires



ESC100 22



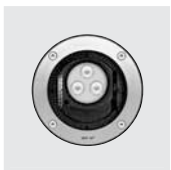
ETC100 24



ETC100 28



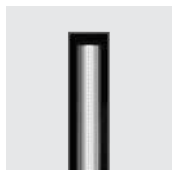
ETC100-GB 30



ETC300-GB 34



ETC300 36

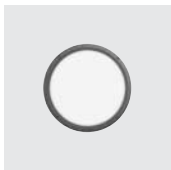


ETV100 38



ETR100 42

Wall luminaires recessed



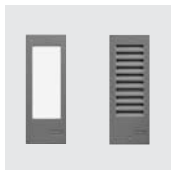
TRO200 56



STO/STL/SVL100 58



STI/STF100 60



SVO/SVL200 62



STO/STL200 64



STI200 66



QRO300 68



QRI300 70

Wall luminaires surface mounted



UDN300 82



QLS400 86



VLS400 90



SLS400 94



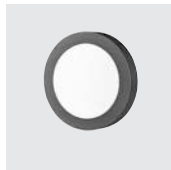
OLV300 98



PIA200 106



DLO/DLG200 110



XLO200 112

Ceiling luminaires



DOC200-GB 116



DOC200 120



DAC200-GB 126



DAC200 128

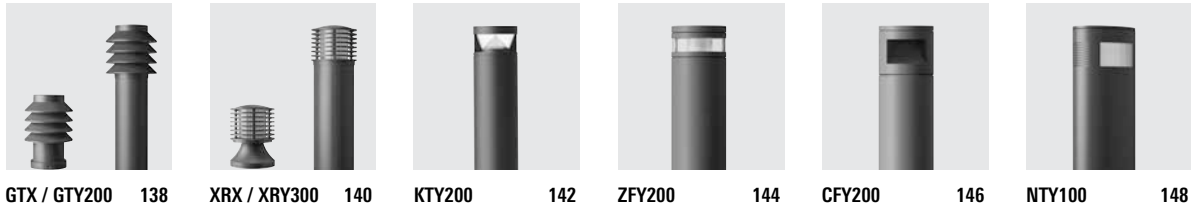


PFL500

218

Luminaires and accessories

Bollards and pathway luminaires



GTX / GTY200 138 XRX / XRY300 140 KTY200 142 ZFY200 144 CFY200 146 NTY100 148

Light columns

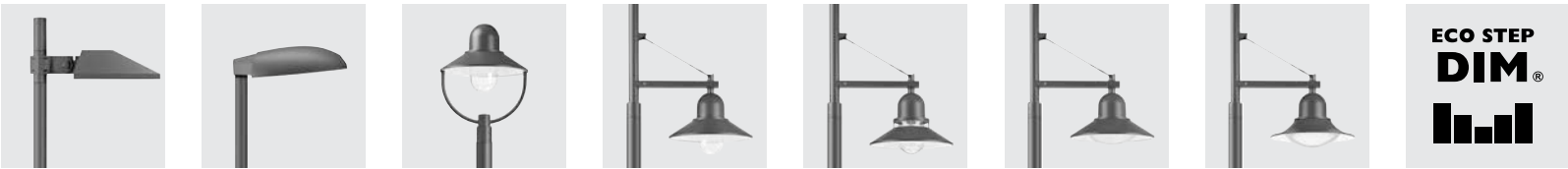


LSP / LTP400 156 LTM / LSM400 160 LTC400 164 LCI400 166 LGI400 168

Street and area lighting

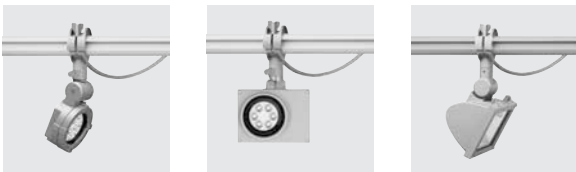


ZFT400 174 ZA600 180 RMC300 184 RMT300 188 CFT500 190 RFS500 192 RFL500-SE 194 VFL500 206



PFL200 224 EFL500 242 AL500 246 ALP500 248 AOP500 250 ASP500 252 BSP500 254 Eco Step Dim 260

RAIL66 system



FLC100 268 FLD100 272 FLB100 274

Luminaires and accessories

Projectors



FLC100 288



FLC100 290



FLD100 298



FLC200 302



FLC200 CC 316

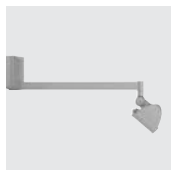


FLC200 BL 318



FLC200 CC + BL 320

Floodlights



FLB100 328



FLB400 330

Area floodlights



FLA700 342



FLA400 358

Accessories



Gear boxes and Gear trays 372



Surge protection 374

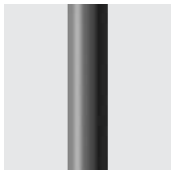


Pole accessories 376



Cable connecting boxes 377

Poles



AM-Z 380



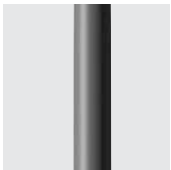
AMW-Z 382



AM-R 384



AM-S 386



AM-K 388



AML-K 390

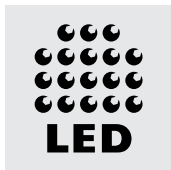


AM-V 392

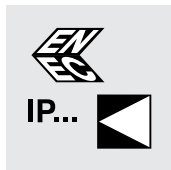


FM-K 394

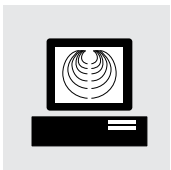
Technical information



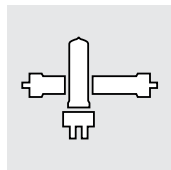
LED Engineering 400



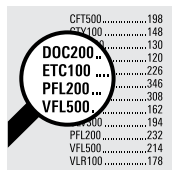
Standards 414



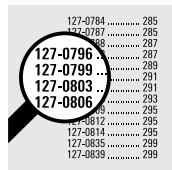
Lighting data and Project support 418



Lamp chart 424



Series index 429



Product index 430