

TECHNICAL
DATA

DOWNLOADS

ACCESSORIES

SPARE
PARTS

BIM

LIGHT
CALCULATION

EMERGENCY LIGHTS | SERIE ELX

ELX EL LED 3h IR SM
ITEM NUMBER EN10077227
GTIN 4015120077227



- Single battery emergency light for exit route signalling with 3 h emergency light duration
- Self-monitoring with coloured status indicator
- Tamper-resistant function check can be executed by remote control or magnet
- Optionally, operation in continuous or stand-by mode possible

TECHNICAL DATA

GENERAL

Device category Safety light

Remote controllable



Conformity	CE, EAC, RoHS, WEEE
Warranty	5 years

MOUNTING

Installation type	Surface mounting
Installation position	Ceiling / wall

Type of connection	Push terminal
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HOUSING

Dimensions	Length 388 mm x Width 148 mm x Height/Depth 46 mm
Weight	813.4 g
Material	UV-stabilised polycarbonate
Protection type	IP54

Permissible ambient temperature	5 °C...+35 °C
Relative humidity	5 – 95 %, non-condensing
Colour	white, similar to RAL 9016

ELECTRICAL VERSION

Control system	ON/OFF
Protection class	II
Nominal voltage	230 V ~ / 50 Hz
In-rush current	5.3 A / 308 µs
Leakage current	0.01 mA

LIGHT




Light emission	direct
Rated output P	3 W
Luminous flux	186 lm
Luminous efficacy	62 lm/W
Colour temperature	4000 K
Colour rendering index R _a	> 80

* Industry standard value for the average rated life. Alternative values for specific project tenders as well as the mandatory lifetime values for all included light sources in accordance with the ecodesign directive (L70B50) can be found in the data sheet.




EMERGENCY LIGHTING

Light duration	3 h
Switching type	Continuous mode/standby mode
Power feed	Decentralised (single-battery)
Battery	NiCd 3,6 V / 1,8 Ah
Charging time	20 hours min.
Status display	by LED

DOWNLOADS

GENERAL	All files as ZIP	
Data sheet	PDF	
Declaration of conformity	PDF	


LIGHT AND BUILDING PLANNING

LDC (EULUMDAT file)	LDT	
IES	IES	
Relux ROLFZ	ROLFZ	

LIGHT AND BUILDING PLANNING

Planning data BIM 

INSTALLATION

Short instruction PDF 

TENDER SPECIFICATIONS

Invitation to tender text neutral (rtf) RTF 

Invitation to tender text neutral (x81) X81 

Tender text with leading brand RTF 

ACCESSORIES

MOUNTING



SLX/ELX MOUNTING FRAME 430 FM

Item number EN10077234
Installation frame for SLX and ELX series, installation hole size 430 x 155 mm

72h











SLX/ELX TUBE PENDULUM SET

Item number EN10078316
Conduit pendulum set for SLX and ELX series

72h











SLX/ELX WALL BRACKET 110

Item number EN10077289
Wall bracket mounting for SLX and ELX series, 110 mm length



PROTECTION

SLX/ELX BASKET GUARD WALL

Item number **EN10077265**

Basket guard for SLX and ELX series, 80 mm high



REMOTE CONTROL

ESY-Pen

Item number **EP10425356**

ESY-Pen and ESY-App, two tools for every task: (1) Parameterisation, (2) remote control, (3) light measurement, (4) project management



SPARE PARTS

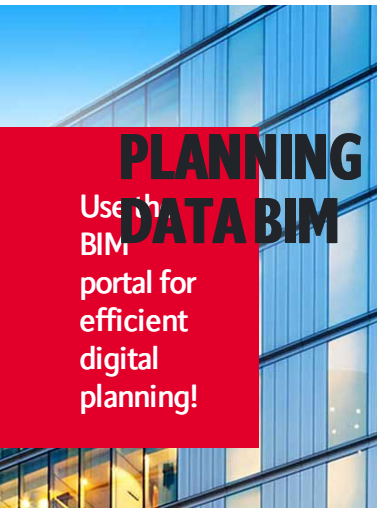
BATTERY

ELX BATTERY NiCd 1800mAh

Item number **EN10077418**

NiCd rechargeable battery (3.6V/1800 mAh) for ELX series with reverse polarity protected plug-in connection





PLANNING DATA BIM

Use the
BIM
portal for
efficient
digital
planning!



SLX/ELX SERIES

Discover
the full
potential
of the
SLX/ELX
series.

Discover
our
complete
product
range.



LOGUE
2024/2025



ESY-PEN AND ESY APP!

Easy
parameterisation,
remote control
and
documentation.

LIGHT CALCULATION



☒ Office



Corridor

Reflectances: 80 / 50 /

20

Maintenance factor: 0.8

Width (m)

3

Length (m)

6

Height (m)

2.8

Pendulum
length (m)

0



Calculate
illuminance



Calculate
the
number of
lights

6

Number of
lights

200

Desired
illuminance
(lx)

CALCULATE NOW

* The online light calculation is only for quick calculation and does not necessarily provide binding results.

SIMILAR PRODUCTS

OTHER PRODUCTS

OLIVIA

MOISTURE-PROOF LIGHTS

OLIVIA-2

MOISTURE-PROOF LIGHTS

SLP-2

PORTABLE SPOTLIGHT

COMPACT

PRESENCE AND MOTION DETECTORS

COMPACT EXPRESS

PRESENCE AND MOTION DETECTORS

STANDARD

PRESENCE AND MOTION DETECTORS



Downloads

Catalogues and brochures

Videos

Tender specifications

KNX product database

Mobile apps

Knowledge

Academy & Training

Name concept

Online Demo ESY-App

Covers for wall detectors

Ecodesign Directive

Presence and Motion detectors

Support

Planning & project support

BIM-Portal

ESYLUX Services

ESYCOMPARE

ESYWORLD

SOLUTIONS

Offices

Group offices

Open-plan office

Meeting rooms

Reversible offices

Communal areas

Education

Classrooms

Break rooms

Mensas

Daycare centers

Playrooms

Health Care

Patient rooms

Examination rooms

Multi-purpose rooms

Canteens

Outdoor areas

Pathways and entrances

Multi-storey car parks

Outdoor car parks

Secondary areas

Corridors

Staircases

Side rooms

Sanitary facilities

PRODUCTS

Indoor automation

Presence and motion detectors

Brightness controller

Controls

Smoke alarm

Indoor lighting

Lighting systems

Recessed lights

Wall and ceiling lights

Downlights

Moisture-proof lights

Emergency lights

Portable spotlight

Outdoor automation

Motion detectors

Twilight switch

Outdoor lighting

Wall lights

Up-/Downlights

Bollard lights

Floodlights

HIGHLIGHTS

ALVA

SVENJA

Emergency Lights

CELINE-2

SLP-2

ATMO

Downlights

Outdoor Floodlights

ESYLUX Light Control

DEFENSOR

COMPACT

ESY-Pen

FLAT

OLIVIA-2

Switch lights on and off
hygienically

Focus products Q2/2024

INNOVATIONS

Demand-driven Automation

Intelligent Lighting

Human Centric Lighting

Light control with DALI-2

COMPANY

Vision and mission

Experience and quality

Corporate responsibility

Research and development

Cooperations and
memberships

Awards and prizes

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