

we-ef

WE-EF LIGHTING USA

STL100 SERIES

SVL100 SERIES

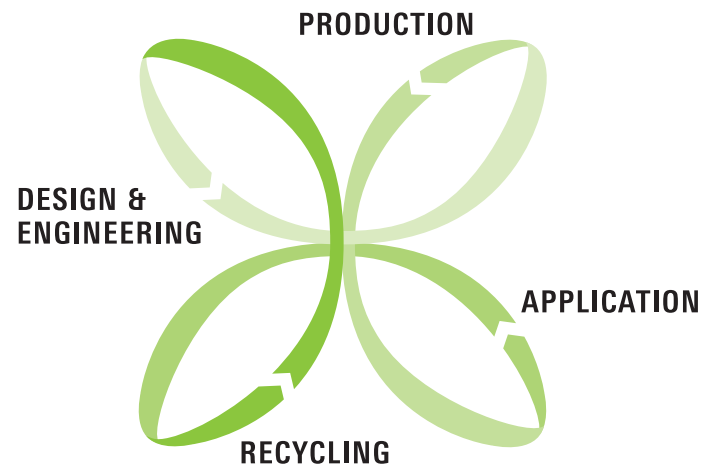
STO100 SERIES

STI100 SERIES

Steplights

North American Edition





WE-EF is a global manufacturer of high-performance exterior luminaires renowned for outstanding engineering design and innovative optical systems. Established in 1950 in Germany, WE-EF is recognized worldwide as a leading exterior lighting specialist that provides professional lighting solutions for various applications, ranging from urban spaces to architectural projects.

As a pioneer and innovator of a wide range of application-specific modular LED lens technologies, WE-EF develops optical systems that deliver photometric efficiency together with high visual comfort.

WE-EF is dedicated to the philosophy of combining form and function, resulting in striking and timeless product designs.

Precision in the design process, careful consideration of material selection and high-quality manufacturing processes ensure that WE-EF luminaires are considered to be a benchmark of product performance, reliability and longevity as well as ease of installation.

Responsible resource management is practiced across all areas of operation, from product life-cycle assessments to sustainable business procedures.

STL100/SVL100 SERIES

[Factory-sealed] Steplight. IP66. IK07. Marine-grade, die-cast aluminum alloy. 5CE superior corrosion protection including PCS hardware. Powdercoat finish in black RAL 9004, gray aluminum RAL 9007, white RAL 9016, or Dark Bronze RAL 8019.

Polycarbonate lens. Silicone rubber gasket. Luminaire is factory-sealed and does not need to be opened during installation.

Integral EC electronic converter. Advanced thermal management protects LEDs while optimizing lumens output. Two cable entries.

0-10V dimmable, to be specified with order (-D).

Pre-installation blockout is recommended for mounting in concrete, available on request.

Light source:

LED 5 W, 3000 K and 4000 K

Available distribution:

Shielded

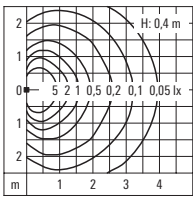




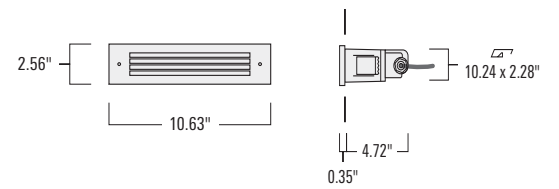
STL100

SVL100

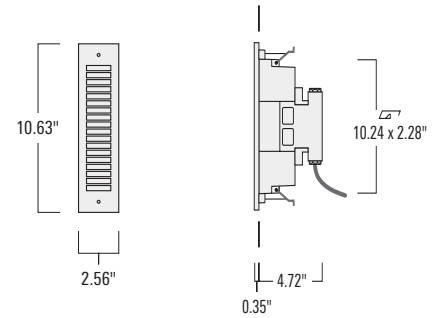
Shielded			lm	Factor*		lm	Factor*
STL134	LED 5W/250 mA	3000 K	17	0.95	4000 K	17	1.00
SVL134	LED 5W/250 mA	3000 K	12	0.95	4000 K	12	1.00



Shielded



STL100



SVL100

Accessories:

Dimming interface

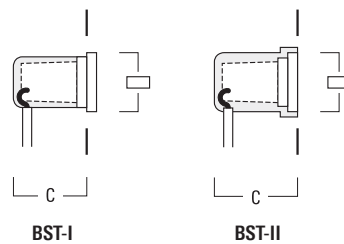
0-10 V	for STL/SVL134
--------	----------------

Installation blackout – Luminaire frame proud of surface.

BST13-I	for STL/SVL134	C	5.1 in
---------	----------------	---	--------

Installation blackout – Luminaire frame flush with surface.

BST13-II	for STL/SVL134	C	5.7 in
----------	----------------	---	--------



BST-I

BST-II

* Multiplier for isolux values.

ST0100 SERIES

[Factory-sealed] Steplight. IP66. IK07. Marine-grade, die-cast aluminum alloy. 5CE superior corrosion protection including PCS hardware. Powdercoat finish in black RAL 9004, gray aluminum RAL 9007, white RAL 9016, or Dark Bronze RAL 8019. Polycarbonate lens. Silicone rubber gasket. Luminaire is factory-sealed and does not need to be opened during installation.

Special version with VA stainless steel frame available.

Integral EC electronic converter. Advanced thermal management protects LEDs while optimizing lumens output. Two cable entries.

0-10V dimmable, to be specified with order (-D).

Pre-installation blackout is recommended for mounting in concrete, available on request.

Light source:

LED 5 W, 3000 K and 4000 K

Available distribution:

Diffused



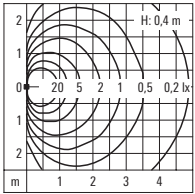
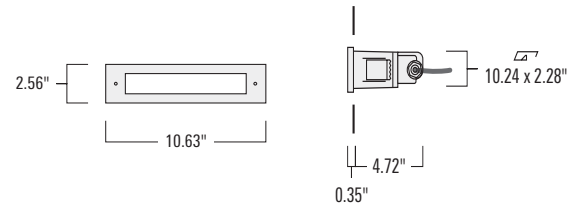


ST0100



ST0100 VA

Diffused			lm	Factor*		lm	Factor*
ST0134	LED 5W/250 mA	3000 K	72	0.95	4000 K	75	1.00
ST0134 - VA	LED 5W/250 mA	3000 K	72	0.95	4000 K	75	1.00



Diffused

Accessories:

Dimming interface

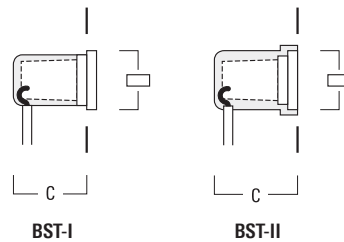
0-10 V for ST0134/ST0134 - VA

Installation blackout – Luminaire frame proud of surface. C

BST13-I for ST0134/ST0134 - VA 5.1 in

Installation blackout – Luminaire frame flush with surface. C

BST13-II for ST0134/ST0134 - VA 5.7 in



* Multiplier for isolux values.

STI100 SERIES

[Factory-sealed] Steplight. IP66. IK07. Marine-grade, die-cast aluminum alloy. 5CE superior corrosion protection including PCS hardware. Powdercoat finish in black RAL 9004, gray aluminum RAL 9007, white RAL 9016, or Dark Bronze RAL 8019. Polycarbonate lens. Silicone rubber gasket. Luminaire is factory-sealed and does not need to be opened during installation.

Integral EC electronic converter. Advanced thermal management protects LEDs while optimizing lumens output. Two cable entries.

0-10V dimmable, to be specified with order (-D).

Pre-installation blackout is recommended for mounting in concrete, available on request.

Light source:
LED 5 W, 3000 K and 4000 K

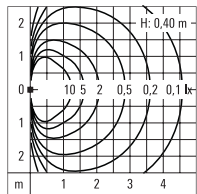
Available distribution:
'Floor wash'



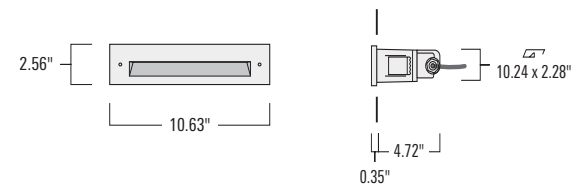


ST1100

'Floor wash'			lm	Factor*	lm	Factor*
ST1134	LED 5W/250 mA	3000 K	112	0.95	4000 K	117
						1.00



'Floor wash'



Accessories:

Dimming interface

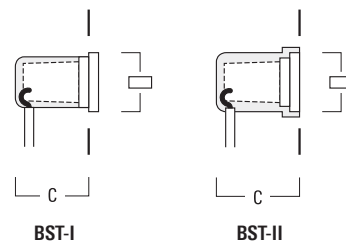
0-10 V for ST1134

Installation blackout – Luminaire frame proud of surface.

BST13-I for ST1134 5.1 in C

Installation blackout – Luminaire frame flush with surface.

BST13-II for ST1134 5.7 in C



* Multiplier for isolux values.

STL/SVL/STO/STI134 FEATURES

IP classification:	IP66
Electrical protection:	Class I
Impact protection:	IK07
Luminaire housing:	Marine-grade, die-cast aluminum alloy, 5CE superior corrosion protection
Hardware:	PCS hardware (polymer coated stainless steel)
Main lens:	Polycarbonate
Gasket:	Silicone rubber gasket
EC:	Integral EC electronic converter. Advanced thermal management protects LEDs while optimizing lumens output.
Light source:	LED 5 W/250 mA, 3000 K or 4000 K, Ra 80
Optics:	Shielded for STL/SVL134, Diffused for STO134 and 'Floor wash' for STI134
Heat sink:	Integrated
Installation:	Luminaire is factory-sealed and does not need to be opened during installation. Pre-installation blockout is recommended for mounting in concrete.



In the example, a cast-in-concrete installation blockout was chosen for site preparation.



After completion of civil construction, remove the mounting plate in order to access the blockout and mains supply cable(s).



Step 1: Terminate the main cable(s) in the terminal box. Clip the terminal box on to the back of the luminaire.



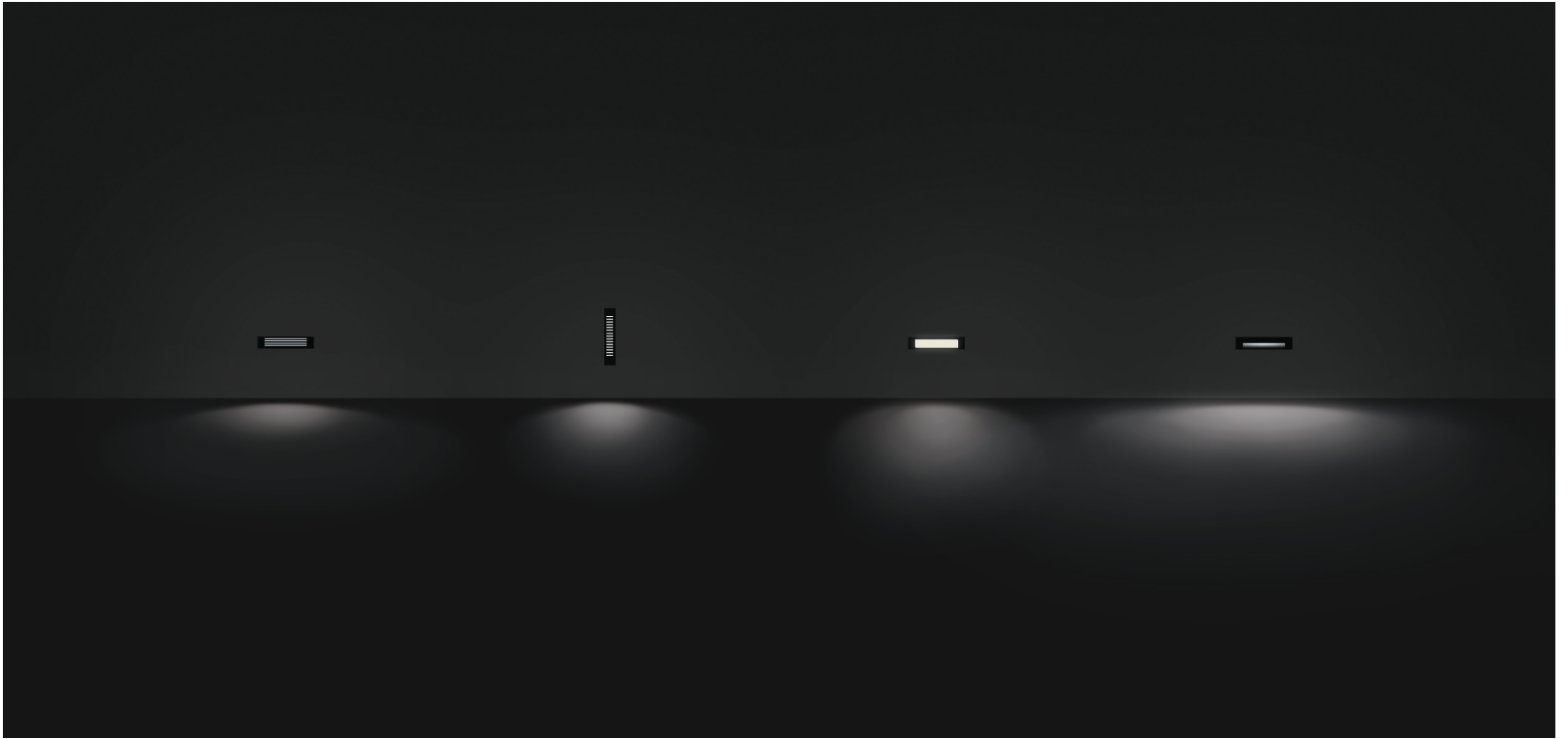
Step 2: Set cable(s) inside the installation blockout. Slide the luminaire into position.



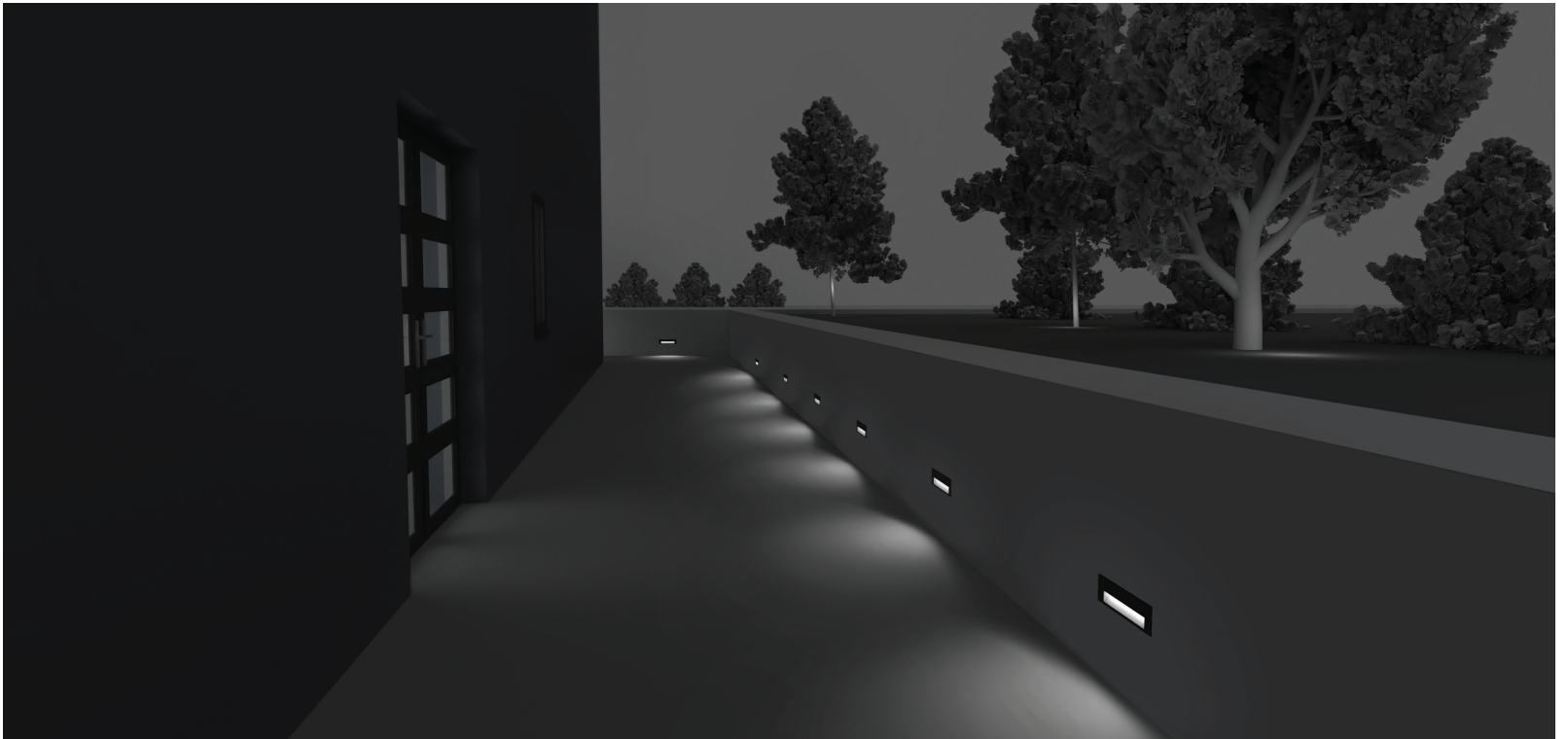
Step 3: Securing the unit. The factory-sealed luminaire is now ready for operation, without the need to open it during installation.



Shown here is the STI134 steplight, displaying exceptionally broad 'floor wash' coverage from low installation height.



This illustration depicts the respective photometric performances of the steplights in terms of floor wash capabilities (illuminance) as well as glare potential (surface luminance).



The ST1134 steplight, in particular, features an outstanding combination of floor wash and glare control qualities. (Performance varies, depending on powder coat finish selection for the faceplate).



STL100



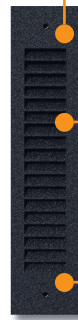
STO100



STO100 VA



STI100



SVL100

FS

**FACTORY
SEALED**

Luminaire is factory-sealed and does not need to be opened during installation.



Outstanding and long lasting anti-corrosion properties can only be achieved by a comprehensive, integrated approach. WE-EF's unique 5CE system encompasses five critical elements: Substrate; Conversion coating; Powdercoating; PCS hardware; Process control.



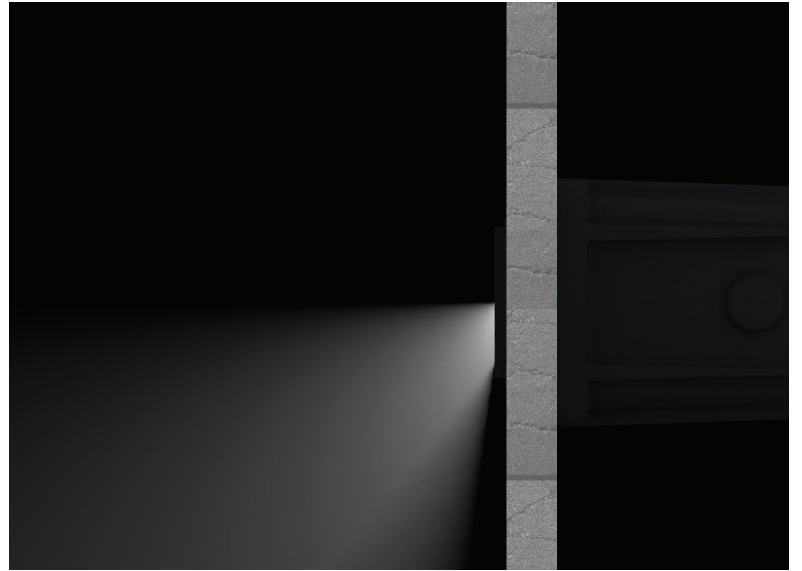
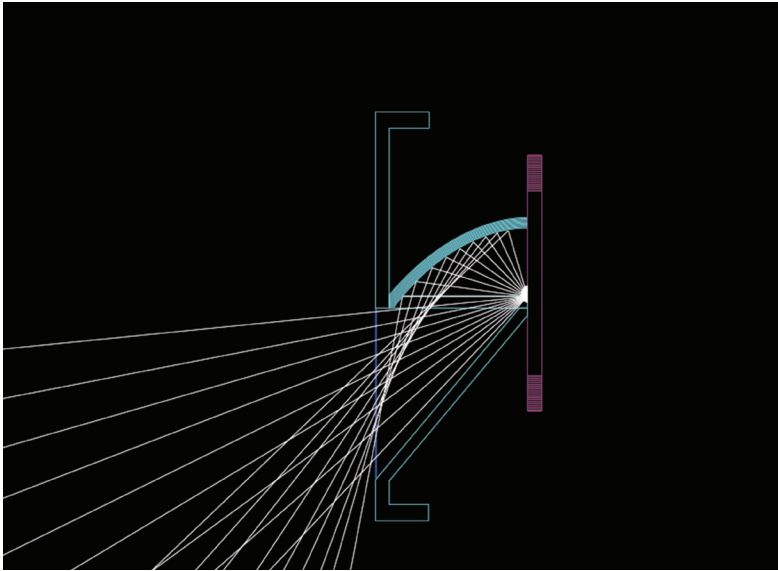
PCS



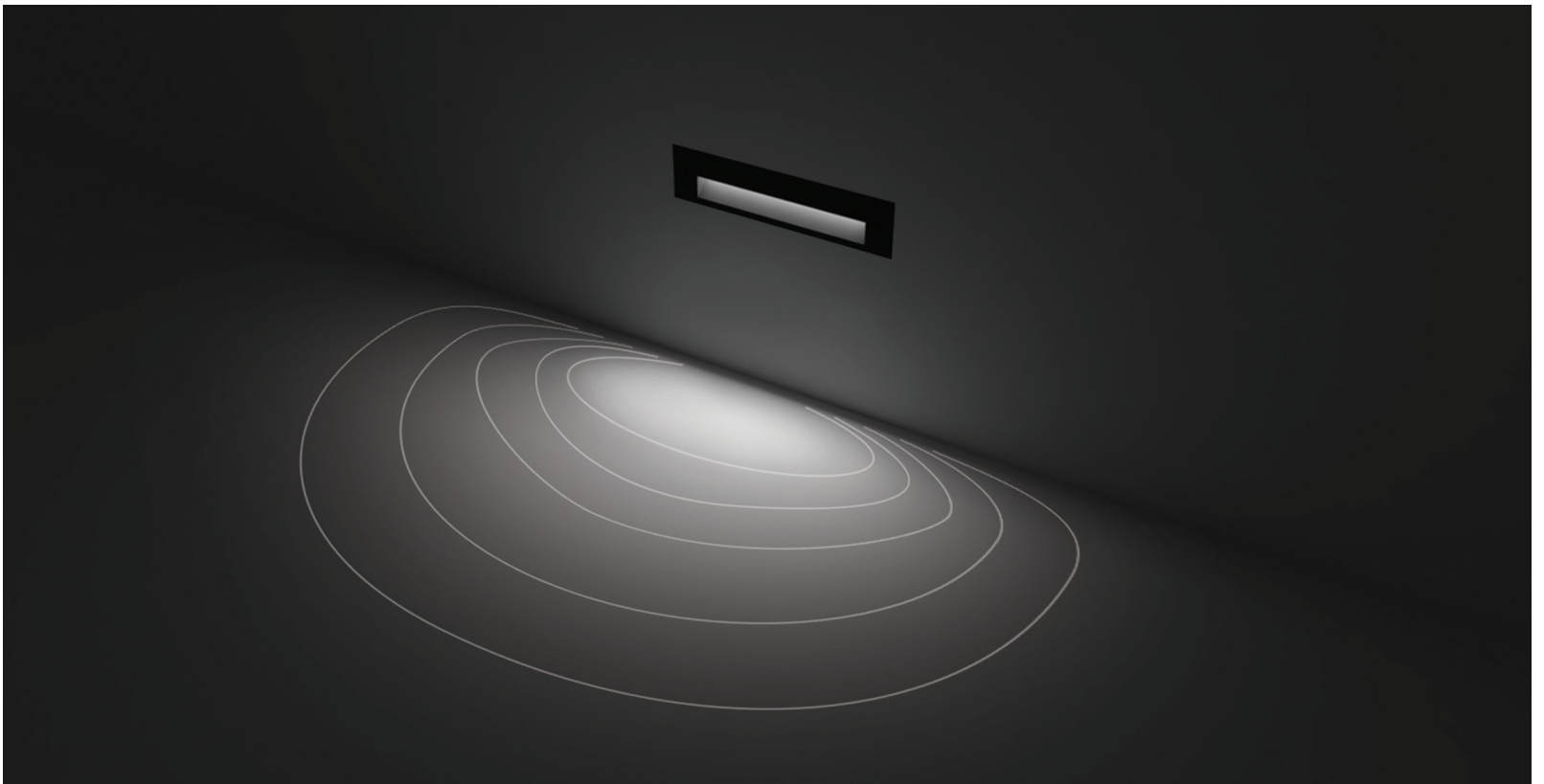
To reduce the risk of galvanic corrosion, all exposed hardware is made from austenitic stainless steel, and additionally sealed with a tough impregnated polymer coat – WE-EF's PCS hardware (polymer coated stainless steel).



Depending on their respective areas of application, steplights are available in different shapes, forms and functions. Among the luminaires featured in this brochure, the ST1134 deserves special attention – its optical system has been designed to ensure glare-free visual comfort while delivering a broad 'floor wash'. Whether chosen for the illumination of stairs, terraces, pathways or otherwise, this steplight convinces users with its illumination qualities, minimalistic aesthetics, low energy consumption and longevity.



This CAD ray-tracing simulation demonstrates the combined forward and downward distribution by the luminaire's unique reflector element. An additional refractor lens ensures simultaneous sideward distribution of the light.



The ST1134 steplight provides glare-free, broad 'floor wash' coverage from a low installation height, including the area right underneath – at the 'foot' of the luminaire.

www.we-ef.com



WE-EF LIGHTING USA, LLC

United States of America

Tel +1 724 742 0030

Fax +1 724 742 0035

info.usa@we-ef.com

WE-EF LIGHTING

Thailand

Tel +66 2 738 9610

Fax +66 2 175 2174

info.asiapacific@we-ef.com

WE-EF HELVETICA

Switzerland

Tel +41 22 752 49 94

Fax +41 22 752 49 74

info.switzerland@we-ef.com

WE-EF LEUCHTEN

Germany

Tel +49 5194 909 0

Fax +49 5194 909 299

info.germany@we-ef.com

WE-EF LIGHTING

Australia

Tel +61 3 8587 0444

Fax +61 3 8587 0499

info.australia@we-ef.com

WE-EF LUMIERE

France

Tel +33 4 74 99 14 44

Fax +33 4 74 99 14 40

info.france@we-ef.com

Product specifications given in this catalogue reflect their status as of February 2018.

Errors and omissions are excepted. Data given are subject to change without prior notice. The conditions of sale, as published in WE-EF's current price lists and/or business forms, apply. Export transactions require special agreements, particularly with regard to shipment and payment.

STL100/SVL100/STO100/STI100 SERIES

Steplights

North American Edition 2020

© WE-EF 2020

WE-EF LIGHTING USA

North America

410-D Keystone Drive

Warrendale, PA 15086

United States of America

Telephone +1 724 742 0030

Fax +1 724 742 0035

info.usa@we-ef.com

www.we-ef.com