neko
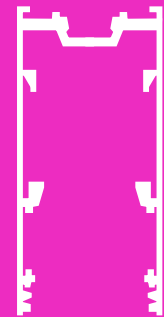
THINK DESIGN

FUSION LINEAR

FUSION LINEAR SYSTEM

IN USE: FUSION **FL-GL 1800**

neko
THINK DESIGN

CONTENT

FUSION LINEAR
SYSTEM

IN USE: FUSION **FS6**

THINK DESIGN

NEKO LIGHTING provides high quality as well as efficient LED-lighting solutions at a very competitive price/performance ratio since 2013. By uniting European thinking and Chinese efficiency NEKO created its corporate philosophy „Think Design".
NEKO is owned by Sven Speissegger (Switzerland), with a long track record and extensive know-how in the lighting market.
NEKO with its registered and head office in Switzerland owns a production facility as well as a coating plant in China. The corporation runs with NEKO owned offices in Germany, France, Great Britain, North America/Canada, Beijing and Shanghai. NEKO luminaires are exclusively sold via a distributor network in more than 65 countries worldwide.

NEKO LED-LUMINAIRES were sustainably produced right from the beginning and are solely fitted with premium LED-Chips by renowned manufacturers such as Cree, Samsung and Citizen. All drivers installed come with ENEC-labeling and each and every NEKO product with a 5-Year Warranty. In 2019 NEKO expanded due to needing larger premises and a new site and invested in its production facility and lighting laboratories in China.

THE INTERNAL NEKO DESIGN DEPARTMENT with team members in Switzerland, Germany and Far East, know that good lighting fixtures have to fit seamlessly and discreetly into any given architecture. For that reason, our light concepts follow a clear design, which does not neglect but emphasizes function. In co-operation with industrial-designers the lights with their modular design are professionally developed further within our professional team.

HIGH PRODUCTION STANDARDS and diligent quality checks ensure premium workmanship of the LED-lights. Besides unique and attractive looks and thanks to the modular design the products offer many different creative possibilities. This allows for different lighting solutions using lights of a single product series.

What you can expect

Exellent lighting

Customized solutions for you

High flexibility

Customized pricing

Personal customer service

High quality materials

Long lifetime

Reliable delivery information

CERFICATION NEKO LIGHTING PRODUCTS:

CB

The CB process is an international system for the mutual recognition of test results and certificates in the field of safety of electrical and electronic components.

CE

CE means „Conformité Européenne" (European Conformity) With the CE symbol, the manufacturer, marketer or authorised representative of the EU declares in accordance with EU Regulation 765/2008 „that the product complies with the applicable requirements laid down in the Community harmonisation legislation concerning its affixing. ")

5 Guarantee

Our high quality standards are reflected in a very low failure rate. There for we can offer a 5 year warranty on Neko lighting products.

UL LISTED

UL is a world leader in product safety testing and certification. For more than 100 years, manufacturers have had their merchandise evaluated and tested for safety risks by our independent, third-party safety certification organization. Last year alone, approximately 14 billion products with the UL Mark entered the global marketplace.

ENEC

ENEC is the high quality European Mark for electrical products that demonstrates compliance with European standards (EN). European Certification Bodies in the electrical sector have opened the European ENEC Mark to all electrical product sectors. Testing takes place in independent ENEC approved Testing Laboratories worldwide, and in approved Manufacturers'Laboratories. ENEC means safety in Europe, and all signatories of the ENEC Mark Scheme actively support its commitment to the highest safety levels.

www.nekolighting.com

The FUSION Linear System is a **FLEXIBLE PROFILE SYSTEM** with a wide range of possible lighting modules to use. The profile system made of die-cast aluminium has a width of 50mm and can be individually designed in length and in the course. The profiles are available in both recessed mounted and ceiling mounted installation as well as as a suspended version, which can also be equipped with an uplight. The most diverse modules can be mounted in the profile channel without tools, which means free design possibilities for lighting designers. As a result, the system is versatile for spot, accent or general lighting.

The modern and straightforward design of the FUSION Linear System fits unobtrusively into the architecture of any room. Linear connectors allow the individual elements to be combined into a seamless system. Corner modules are available with blind cover and general light. This also results in a smooth transition over the corner in order to plan room situations perfectly. Without visible screws, the luminaire also fits elegantly into the ceiling optics and offers a high level of visual comfort. The system is preassembled and delivered ready for connection. This reduces the effort of the customers as well as the assembly times on site.

FUSION LINEAR
SYSTEM

INSTALLATION TYPES:

recessed

surface mounted

surface mounted
full set
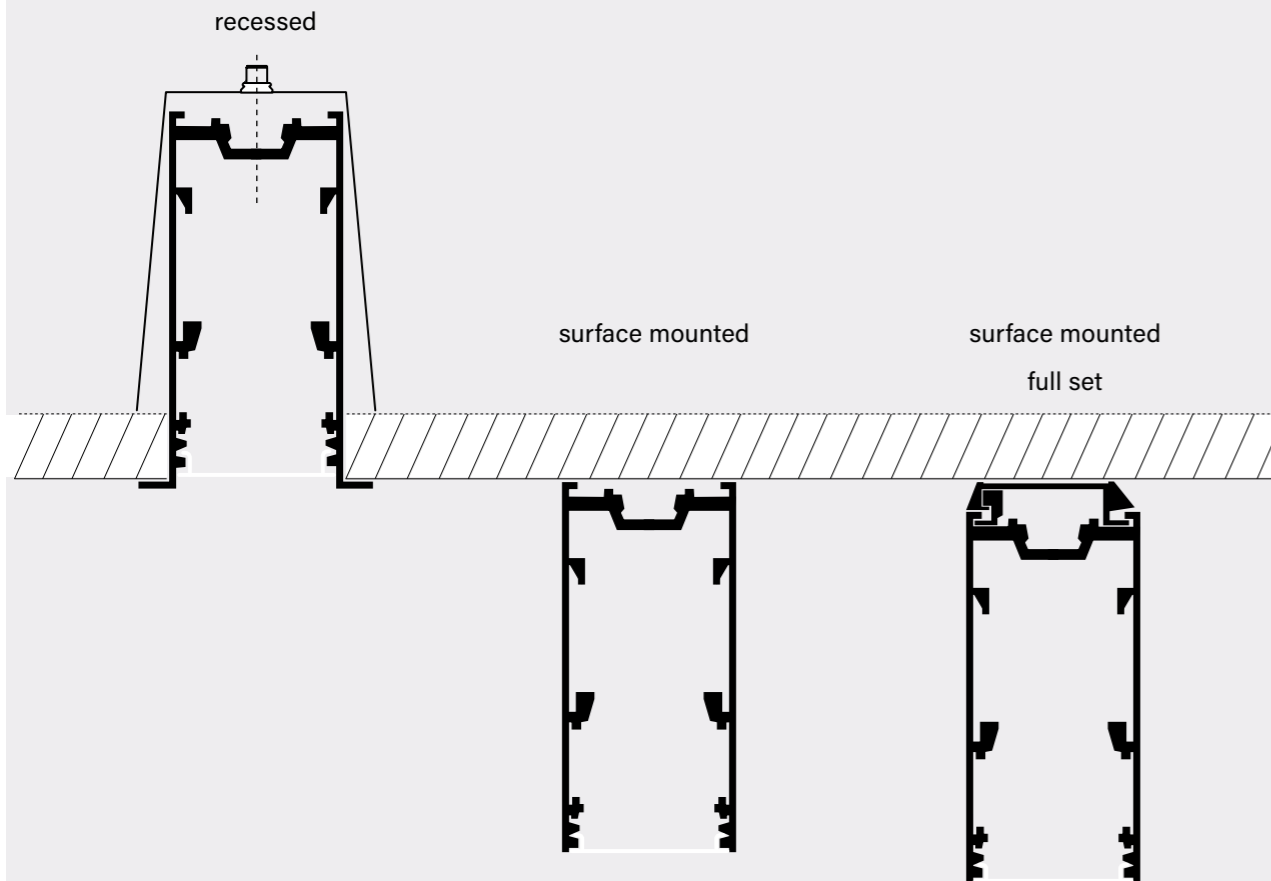
DEFAULT CHANNEL COLOUR OPTIONS:

1. black
2. white
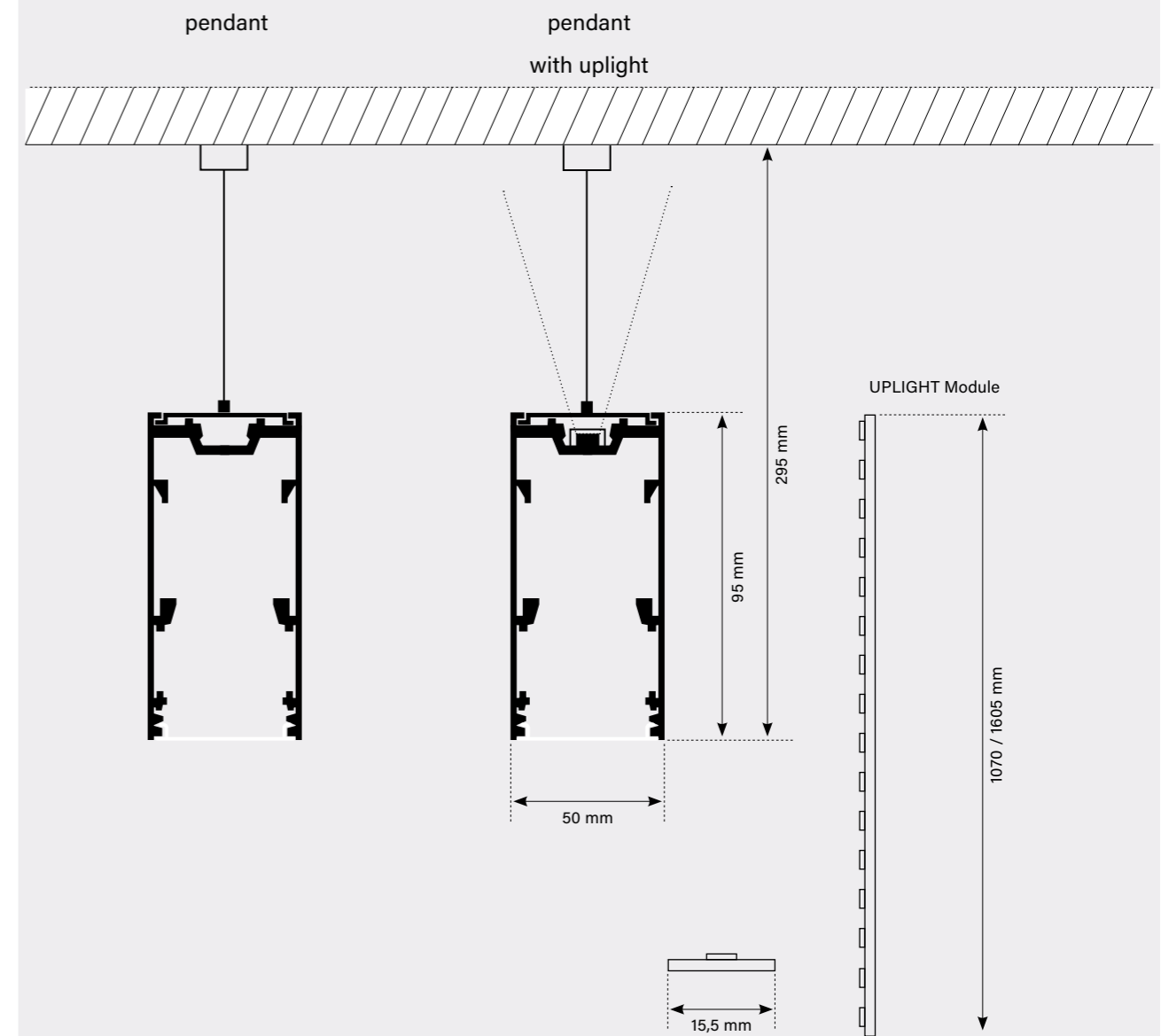
GOOD TO KNOW:

1. Each profile can be ordered in an individual colour
2. The maximum length of the profile that can be ordered is 4500mm.
3. The ideal transport length of a profile is 2000mm. All orders over 2000mm are sent as a special transport.

STANDARD LENGTH OPTIONS:

FL1200

FL1500

FL1800

pendant

pendant
with uplight

295 mm

95 mm

50 mm

15,5 mm

UPLIGHT Module

1070 / 1605 mm

FUSION LINEAR SYSTEM

SPECIAL COLOUR PAINTWORK **RAL9004 + WALLWASHER**

In the newly built canteen of the **company Goldbeck our FUSION Linear System** was used in the ceiling mounting version. For the lighting in the canteen, the highest lighting standards were taken. A canteen is not only a place to eat, but also to relax or a place for social exchange with colleagues. For this reason, our **Accent Light AL300** has been installed in the profiles to create a pleasant ambience with balanced lighting. Above the serving area, a colour rendering index of CRI90 was worked on, so that the colours of the food are naturally reproduced with the result that the food looks fresh and appetizing. In the back of the canteen, where the employees gather for lunch, a CRI80 colour rendering index has been changed to ensure excellent light output despite higher hanging profiles.

As an important social meeting point, the canteen is equipped with the colour temperature 3000K to make the break times comfortable with a warm white light that helps the body relax. In addition, great emphasis was placed on a glare-free light in order to enable employees to have a pleasant atmosphere during the lunch break.
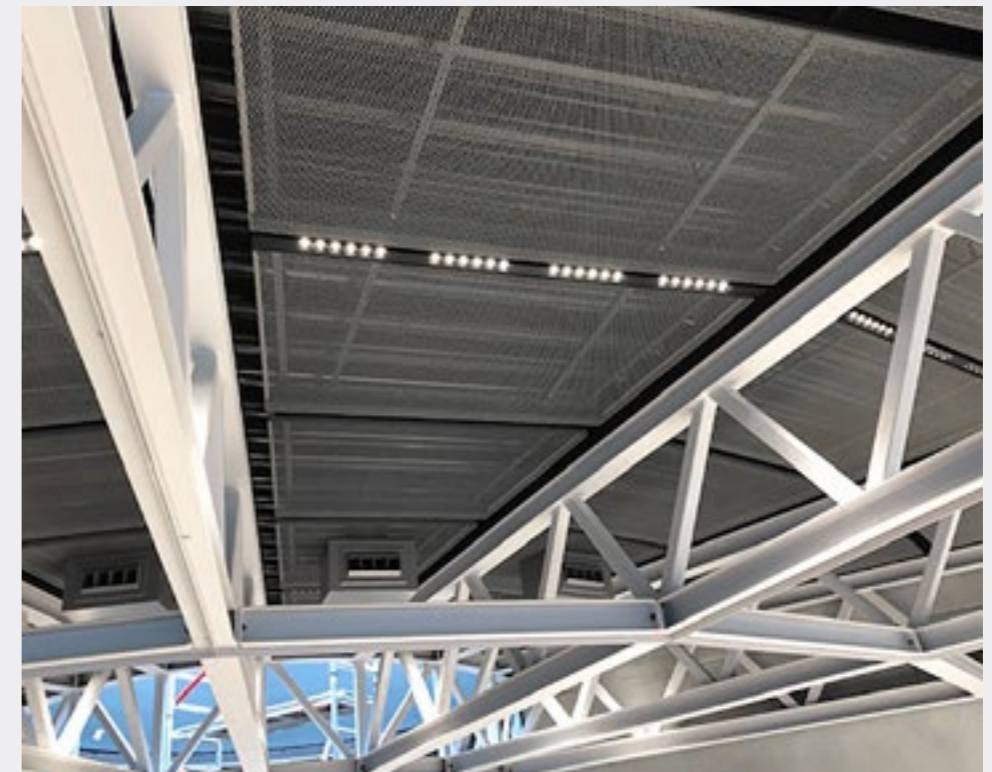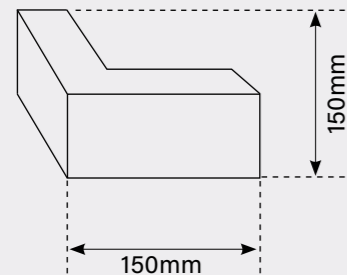
FUSION LINEAR SYSTEM

INSTALLATION TYPE **CONNECT TWO OR MORE LINEAR LIGHTS**

Start Section

(example configuration)

linear connector

Mid Section

End Section
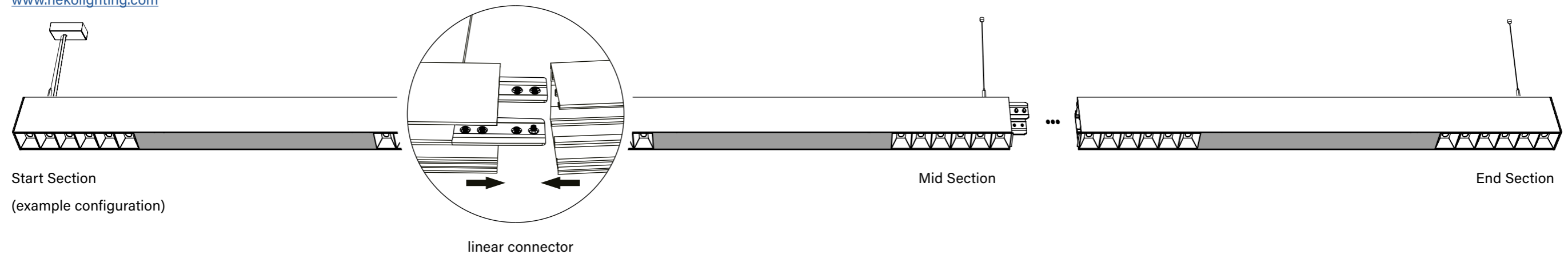
CORNER MODULE OPTIONS:

1. General Light
2. Blind Cover

150mm

150mm

GOOD TO KNOW:

1. Each profile can be ordered in an individual angle.

DRIVER OPTIONS:

1. On - Off
2. Dali Dim

COVER OPTIONS:

1. Blind Cover
2. Opal Cover
3. Flexible Opal Cover

MAGNETIC END CAP:

95mm
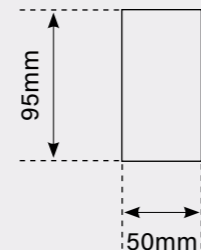
50mm

LINEAR LIGHT MODULE

· Profile system made of extruded aluminium with 50mm width.
· Various lighting modules with multiple lighting applications.
· General light, accent light, wall washer and spotlight module for choice.
· Tool-free inserts mounting by clip-in mechanism.
· Standard and customized length of module and cover for high precise system.
· Magnetic end cap without fixing screws.

DOWNLIGHT MODULE

· Suspended, surface mounted and recessed mounted luminaires.
· Easy and unlimited length adjustment, seamless connection.
· Can be used as single fixed / general light / spotlight / wall washer / MIXED.

· Modular profile design with no visible screws, standard length 1200m, 1500m, 1800m.
· Aluminum profile, color choices white / black / natural anodized aluminum.
· Suspended luminaire with 2000mm cable suspension, tool free height adjustment.
· High visual comfort, UGR<19.
· LED 2700K, 3000K, 4000K, binning≤3 step MacAdam, CRI 80/ 90.

SALES:

+49 0 2381 877709 - 60
(office in germany)
office@nekolighting.de
www.nekolighting.com

FUSION LINEAR SYSTEM

INSTALLATION TYPE **SURFACE MOUNTED**

movable
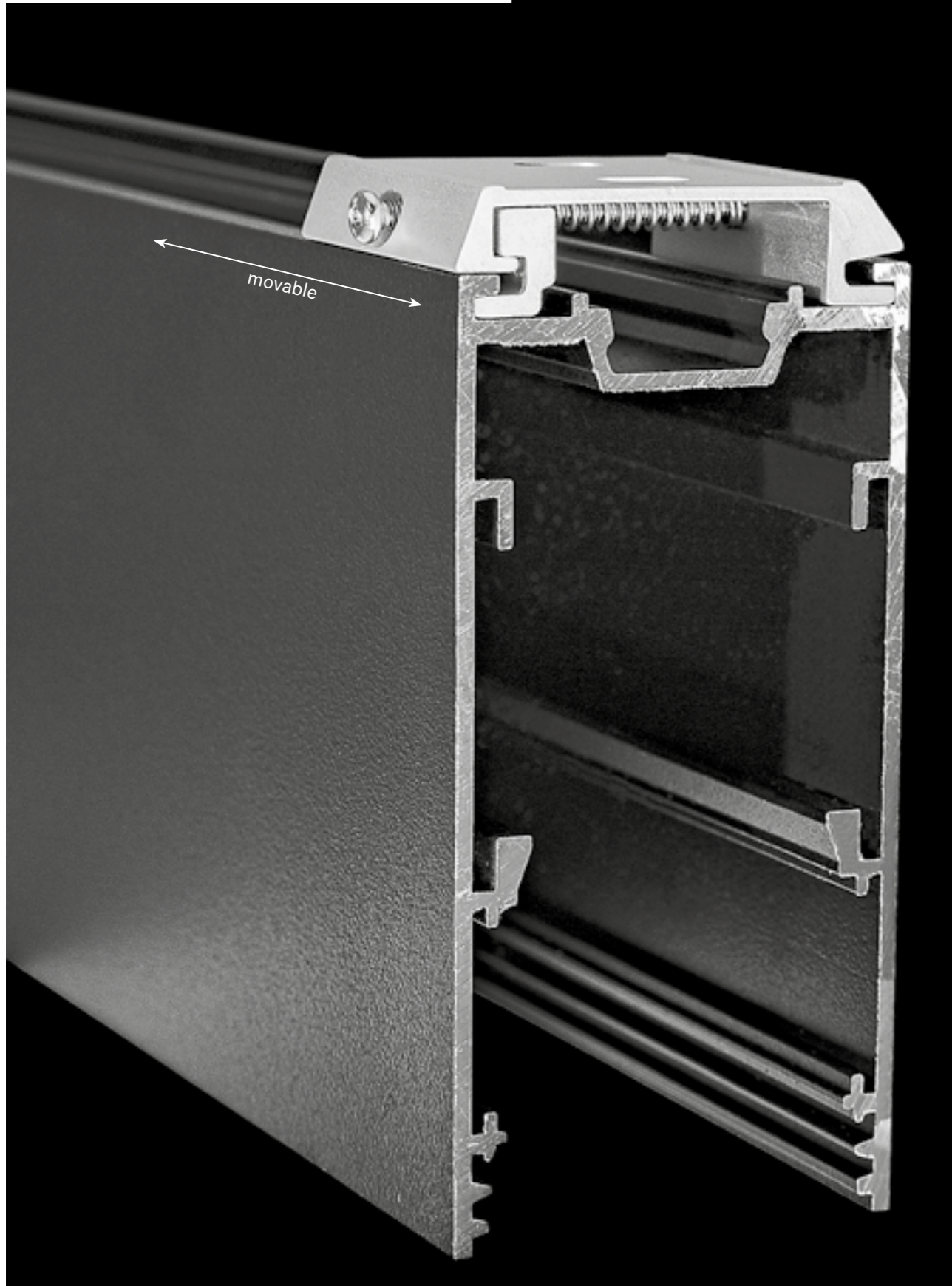
INSTALLATION TYPE **PENDANT WITH UPLIGHT**

Ø 1,5 mm

movable

https://nekolighting.com UL

FUSION LINEAR SYSTEM

STANDARD INSTALLATION TYPE **CORNER MODULE ◁ 90°**
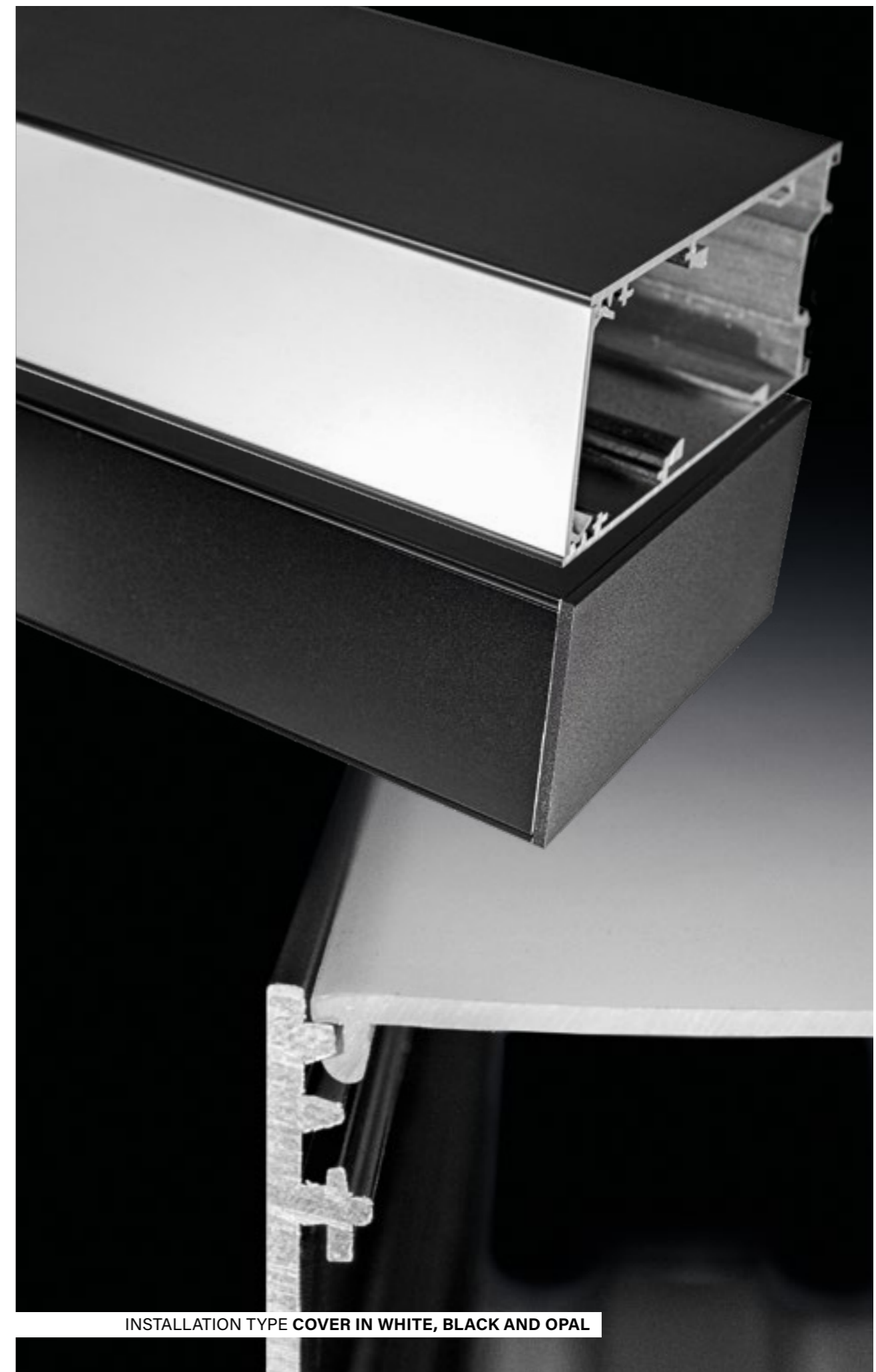
INSTALLATION TYPE **COVER IN WHITE, BLACK AND OPAL**

FUSION LINEAR SYSTEM

IN USE **FUSION FL-AL300**

Project: Skyline Hill Center in Würzburg, Germany

Since the end of 2019, the Skyline Hill Center has been opened as an incubator with administration, canteen and conference areas. Numerous work areas as well as conference rooms have been illuminated by our FUSION Linear System. The profile of powder-coated die-cast aluminium and black finish is provided with our Accent Light AL300 and our Spotlights SL300-2S, which integrate completely decent into the architecture and only the light falls on the work surfaces. The accent lighting with a beam angle of 30° ensures homogeneous and pleasant lighting with a high level of visual comfort for the working areas of employees. In addition, the high lumen output ensures good general lighting of the rooms.

Foto: Andreas Graser

FUSION LINEAR SYSTEM

IN USE **FUSION FL-AL300 + SL300-2S**

Foto: Andreas Grasser

FUSION LINEAR
MODULE

ACCENT LIGHT, GENERAL LIGHT, FUSION, WALLWASHER, SPOT LIGHT
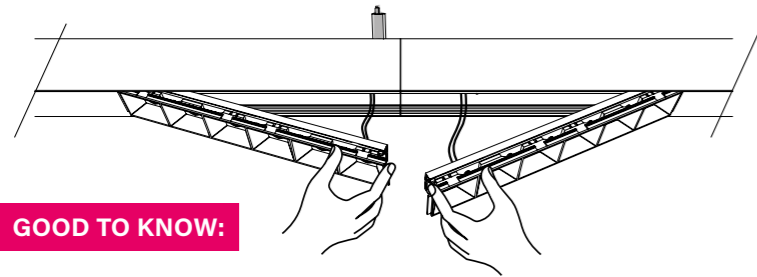
GOOD TO KNOW:

Each module can be

assembled without tools.

Downlights

AL - ACCENT LIGHT MODULE

33mm

45mm
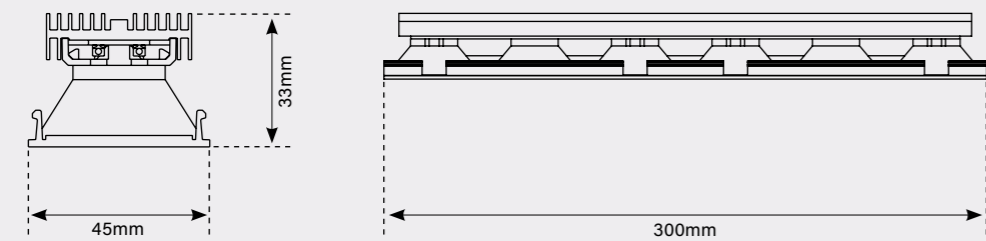
300mm

Example: 1800mm channel with 24 lenses, individual configuration
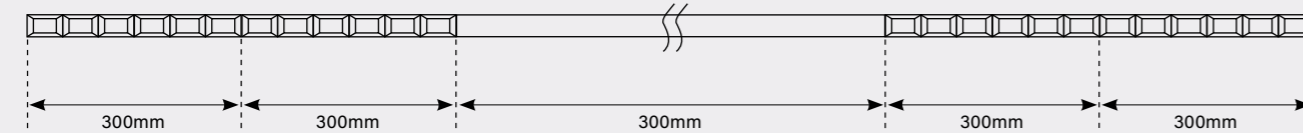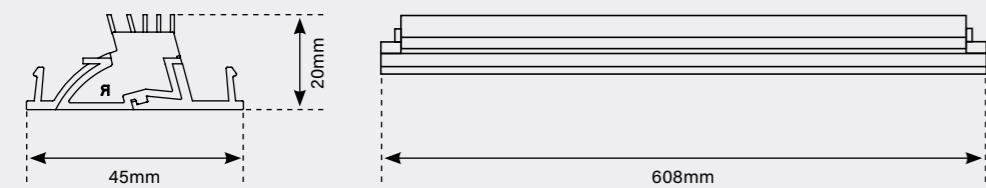
300mm | 300mm | 300mm | 300mm | 300mm

Link: https://nekolighting.com AL

WW - WALL WASHER MODULE

20mm

45mm

608mm

Example: 1800mm channel with two wall washer, individual configuration

392mm | 608mm | 608mm | 392mm

Link: https://nekolighting.com WW

SL - SPOT LIGHT MODULE

73mm

45mm
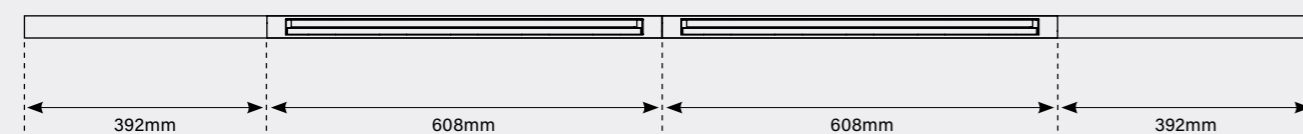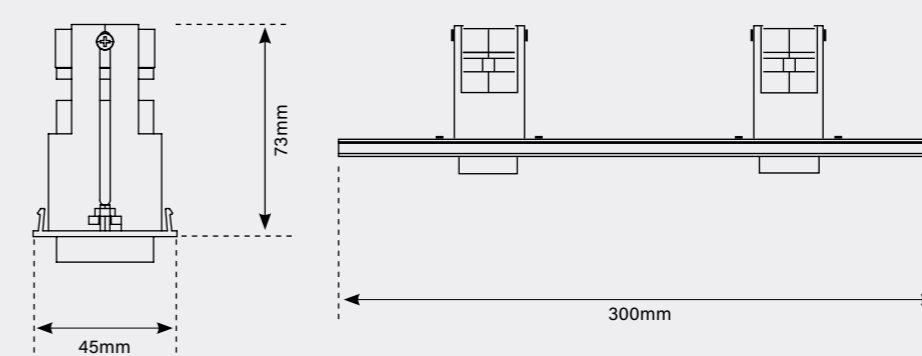
300mm

1 Spot Module 300mm
2 Spot Module 300mm
3 Spot Module 450mm

Example: 1200mm channel with four spots, individual configuration

20mm | 300mm | 560mm | 300mm | 20mm

Link: https://nekolighting.com SL

GL - GENERAL LIGHT

29mm

38mm

594mm

Example: 1800mm channel with three general lights

14mm | 594mm | 594mm | 594mm | 14mm

Link: https://nekolighting.com GL

FUSION LINEAR SYSTEM

OVERVIEW MODULE / ORDER HERE: sales@nekolighting.de

AL - ACCENT LIGHT

LED Power	System Power	LED Voltage	LED Current	CRI	CCT	Beam	LED Output	System Output	Model / Code
13W	15W	18V	700mA	80	2700K	15°	1300lm	1000lm	AL300-13W-827-15D
						30°	1300lm	1000lm	AL300-13W-827-30D
					3000K	15°	1400lm	1100lm	AL300-13W-830-15D
						30°	1400lm	1100lm	AL300-13W-830-30D
					4000K	15°	2150lm	1400lm	AL300-13W-840-15D
						30°	2150lm	1400lm	AL300-13W-840-30D
13W	15W	18V	700mA	90	2700K	15°	1100lm	850lm	AL300-13W-927-15D
						30°	1100lm	850lm	AL300-13W-927-30D
					3000K	15°	1200lm	950lm	AL300-13W-930-15D
						30°	1200lm	950lm	AL300-13w-930-30D

SL - SPOT LIGHT MODULE 1S

LED Power	System Power	LED Voltage	LED Current	CRI	CCT	Beam	LED Output	System Output	Model / Code
4W	6W	12V	350mA	80	2700K	15°	400lm	300lm	SL300-1S-4W-827-15D-WB
						30°	400lm	300lm	SL300-1S-4W-827-30D-WB
						55°	400lm	300lm	SL300-1S-4W-827-55D-WB
					3000K	15°	450lm	350lm	SL300-1S-4W-830-15D-WB
						30°	450lm	350lm	SL300-1S-4W-830-30D-WB
						55°	450lm	350lm	SL300-1S-4W-830-55D-WB
					4000K	15°	480lm	380lm	SL300-1S-4W-840-15D-WB
						30°	480lm	380lm	SL300-1S-4W-840-30D-WB
						55°	480lm	380lm	SL300-1S-4W-840-55D-WB
4W	6W	12V	350mA	90	2700K	15°	300lm	200lm	SL300-1S-4W-927-15D-WB
						30°	300lm	200lm	SL300-1S-4W-927-30D-WB
						55°	300lm	200lm	SL300-1S-4W-927-55D-WB
					3000K	15°	350lm	250lm	SL300-1S-4W-930-15D-WB
						30°	350lm	250lm	SL300-1S-4W-930-30D-WB
						55°	350lm	250lm	SL300-1S-4W-930-55D-WB
					4000K	15°	380lm	280lm	SL300-1S-4W-940-15D-WB
						30°	380lm	280lm	SL300-1S-4W-940-30D-WB
						55°	380lm	280lm	SL300-1S-4W-940-55D-WB

SL - SPOT LIGHT MODULE 2S

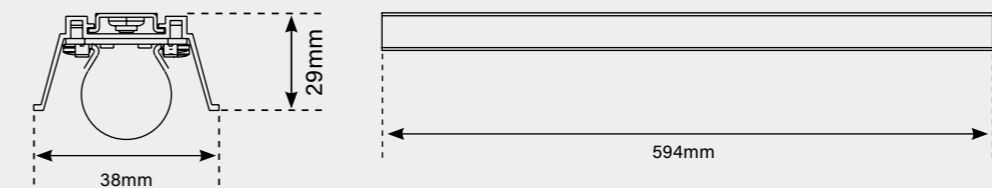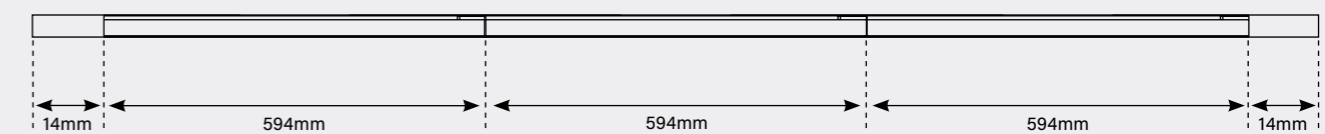| LED Power	System Power	LED Voltage	LED Current	CRI	CCT	Beam	LED Output	System Output	Model / Code
8W	10W	24V	350mA	80	2700K	15°	850lm	650lm	SL300-2S-8W-827-15D-WB
						30°	850lm	650lm	SL300-2S-8W-827-30D-WB
						55°	850lm	650lm	SL300-2S-8W-827-55D-WB
					3000K	15°	900lm	700lm	SL300-2S-8W-830-15D-WB
						30°	900lm	700lm	SL300-2S-8W-830-30D-WB
						55°	900lm	700lm	SL300-2S-8W-830-55D-WB
					4000K	15°	950lm	750lm	SL300-2S-8W-840-15D-WB
						30°	950lm	750lm	SL300-2S-8W-840-30D-WB
						55°	950lm	750lm	SL300-2S-8W-840-55D-WB
8W	10W	24V	350mA	90	2700K	15°	700lm	500lm	SL300-2S-8W-927-15D-WB
						30°	700lm	500lm	SL300-2S-8W-927-30D-WB
						55°	700lm	500lm	SL300-2S-8W-927-55D-WB
					3000K	15°	750lm	550lm	SL300-2S-8W-930-15D-WB
						30°	750lm	550lm	SL300-2S-8W-930-30D-WB
						55°	750lm	550lm	SL300-2S-8W-930-55D-WB
					4000K	15°	800lm	600lm	SL300-2S-8W-940-15D-WB
						30°	800lm	600lm	SL300-2S-8W-940-30D-WB
						55°	800lm	600lm	SL300-2S-8W-940-55D-WB

SL - SPOT LIGHT MODULE 3S

| LED Power	System Power	LED Voltage	LED Current	CRI	CCT	Beam	LED Output	System Output	Model / Code
13W	15W	36V	350mA	80	2700K	15°	1200lm	900lm	SL450-3S-13W-827-15D-WB
						30°	1200lm	900lm	SL450-3S-13W-827-30D-WB
						55°	1200lm	900lm	SL450-3S-13W-827-55D-WB
					3000K	15°	1300lm	1000lm	SL450-3S-13W-830-15D-WB
						30°	1300lm	1000lm	SL450-3S-13W-830-30D-WB
						55°	1300lm	1000lm	SL450-3S-13W-830-55D-WB
					4000K	15°	1400lm	1100lm	SL450-3S-13W-840-15D-WB
						30°	1400lm	1100lm	SL450-3S-13W-840-30D-WB
						55°	1400lm	1100lm	SL450-3S-13W-840-55D-WB
13W	15W	36V	350mA	90	2700K	15°	1000lm	700lm	SL450-3S-13W-927-15D-WB
						30°	1000lm	700lm	SL450-3S-13W-927-30D-WB
						55°	1000lm	700lm	SL450-3S-13W-927-55D-WB
					3000K	15°	1100lm	800lm	SL450-3S-13W-930-15D-WB
						30°	1100lm	800lm	SL450-3S-13W-930-30D-WB
						55°	1100lm	800lm	SL450-3S-13W-930-55D-WB
					4000K	15°	1200lm	900lm	SL450-3S-13W-940-15D-WB
						30°	1200lm	900lm	SL450-3S-13W-940-30D-WB
						55°	1200lm	900lm	SL450-3S-13W-940-55D-WB

FUSION LINEAR SYSTEM

OVERVIEW MODULE / ORDER HERE: sales@nekolighting.de

WW - WALL WASHER

LED Power	System Power	LED Voltage	LED Current	CRI	CCT	Beam	LED Output	System Output	Model / Code
11W	13W	46V	250mA	80	2700K	WW	1600lm	850lm	WW600-11W-827
					3000K	WW	1700lm	900lm	WW600-11W-830
					4000K	WW	1800lm	950lm	WW600-11W-840
				90	2700K	WW	1500lm	750lm	WW600-11W-927
					3000K	WW	1600lm	800lm	WW600-11W-930
					4000K	WW	1700lm	900lm	WW600-11W-940
16W	18W	46V	350mA	80	2700K	WW	2000lm	1100lm	WW600-16W-827
					3000K	WW	2100lm	1200lm	WW600-16W-830
					4000K	WW	2300lm	1300lm	WW600-16W-840
				90	2700K	WW	1800lm	1000lm	WW600-16W-927
					3000K	WW	1900lm	1100lm	WW600-16W-930
					4000K	WW	2100lm	1200lm	WW600-16W-940

GL - GENERAL LIGHT

LED Power	System Power	LED Voltage	LED Current	CRI	CCT	Beam	LED Output	System Output	Model / Code
11W	13W	46V	250mA	80	2700K	105°	1600lm	1200lm	GL600-11W-827-105D
					3000K		1700lm	1300lm	GL600-11W-830-105D
					4000K		1800lm	1400lm	GL600-11W-840-105D
				90	2700K		1500lm	1100lm	GL600-11W-927-105D
					3000K		1600lm	1200lm	GL600-11W-930-105D
					4000K		1700lm	1300lm	GL600-11W-940-105D
16W	18W	46V	350mA	80	2700K		2000lm	1100lm	GL600-16W-827-105D
					3000K		2100lm	1200lm	GL600-16W-830-105D
					4000K		2300lm	1300lm	GL600-16W-840-105D
				90	2700K		1800lm	1000lm	GL600-16W-927-105D
					3000K		1900lm	1100lm	GL600-16W-930-105D
					4000K		2100lm	1200lm	GL600-16W-940-105D

The lighting of the doctor's office in Berlin, Germany compliments the interior design created by products from our FUSION Linear System. A pleasant, soothing lighting mood is therefore indispensable in order to create a perfect atmosphere for upcoming treatments and confidential conversations. In the entrance area, the pendant version of our FUSION Linear System with our **GENERAL LIGHT** fixtures along the reception direct the focus of the patients to the registration and evenly illuminate the workplace of the employees. In Addition, the FUSION Linear **SPOTLIGHTS** offers even more lighting design flexibility for highlighting room details thanks to its two adjustable spotlights.
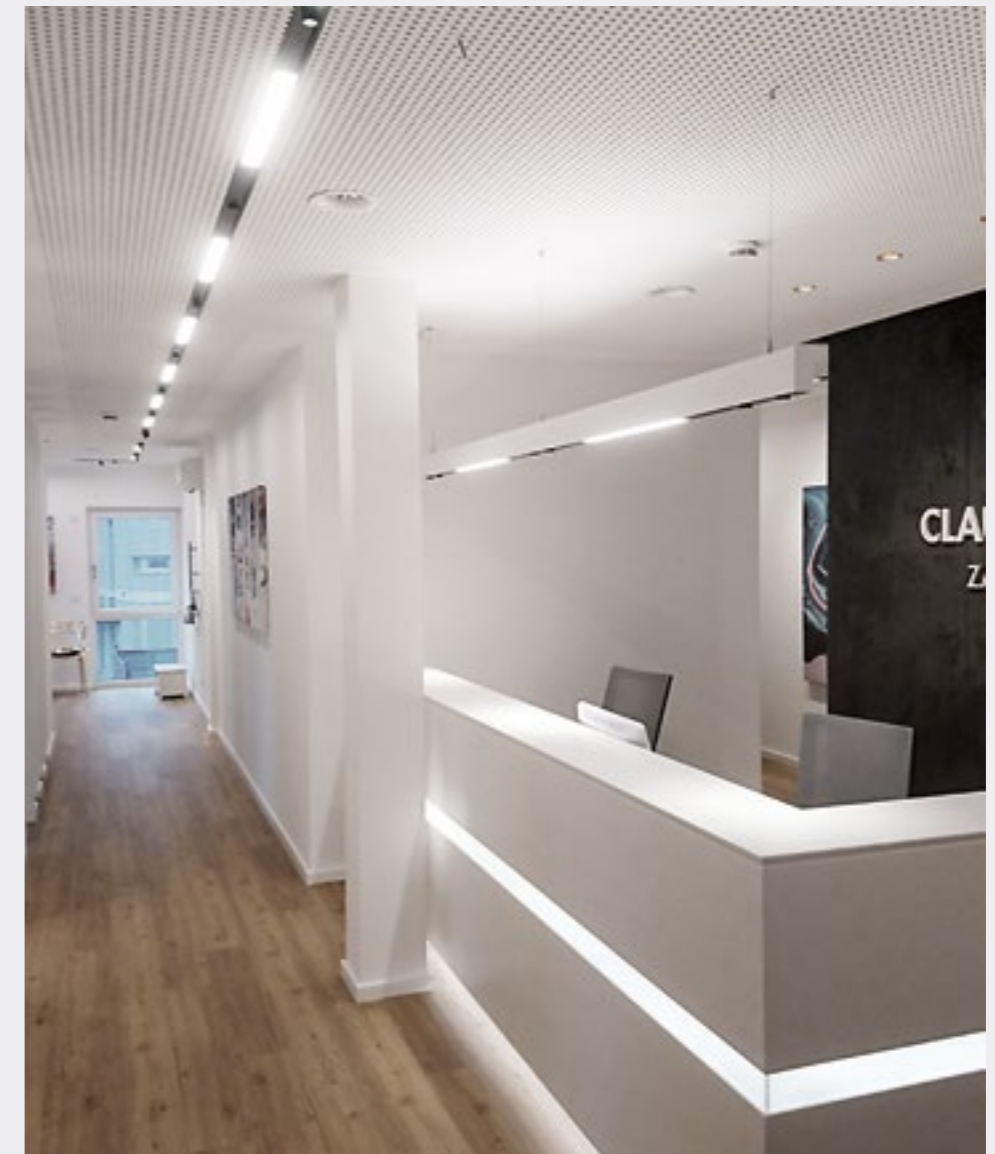
FUSION LINEAR SYSTEM

INSTALLATION TYPE **FUSION SL450 - 3S**

Individually configured Fusion Linear Profilesystem that combines modules for general lighting of the staircase and accent lighting of the walls. In addition, a motion detector has been integrated for demand-based lighting control.
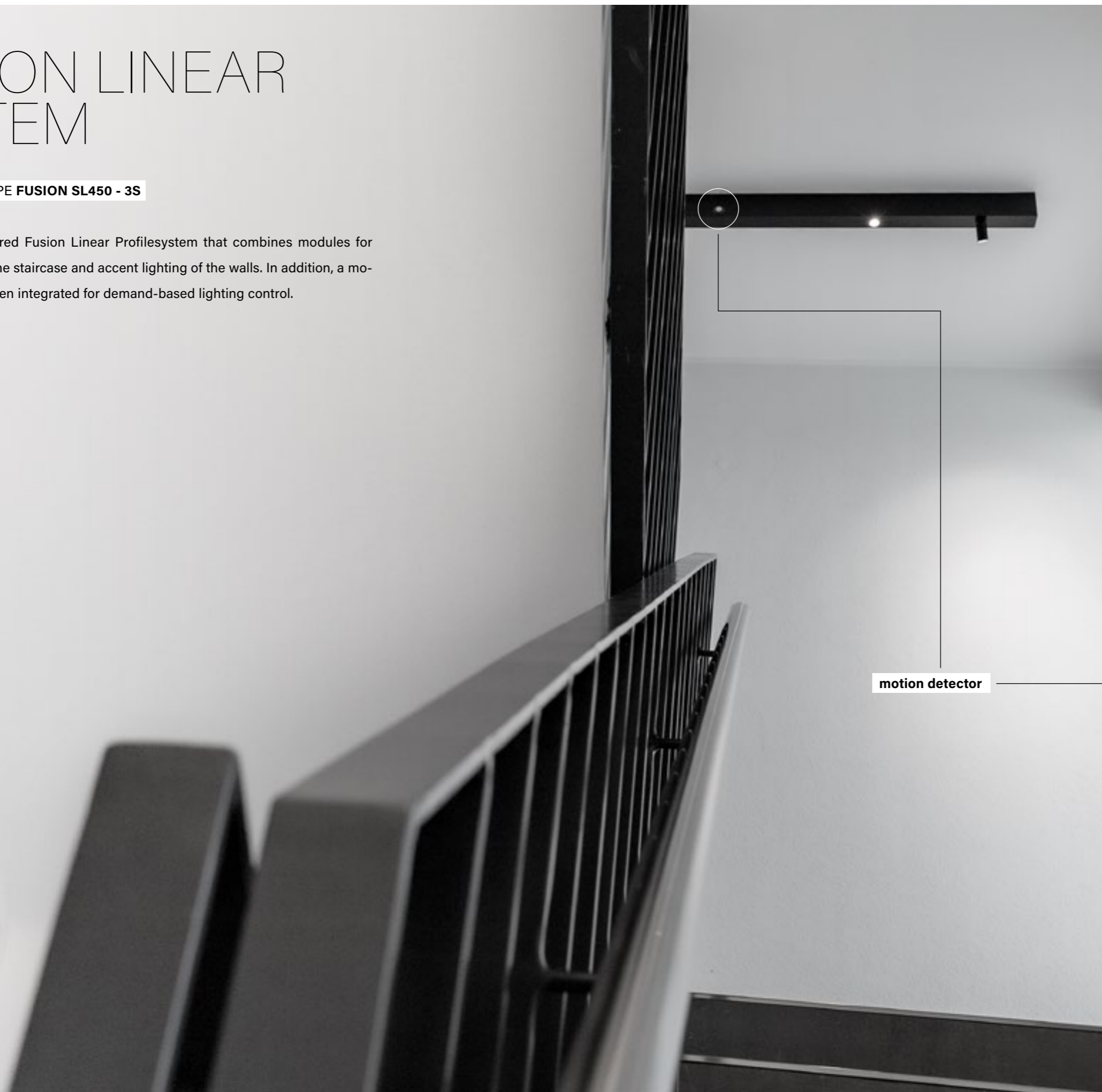
motion detector

FUSION MODULES FIXED

SMART LINEAR PROFILE DESIGN EASY TO INSTALL FUSION DOWNLIGHT INTO PROFILE CHANNEL, **FUSION FF1**

FUSION MODULES FIXED

FUSION FIXED OPTIONS: FF1, FF2, FF3, FF5, FF10

45mm | 45mm

70mm | 45mm

98mm | 45mm

60mm

45mm

152,5mm | 45mm

290mm | 45mm
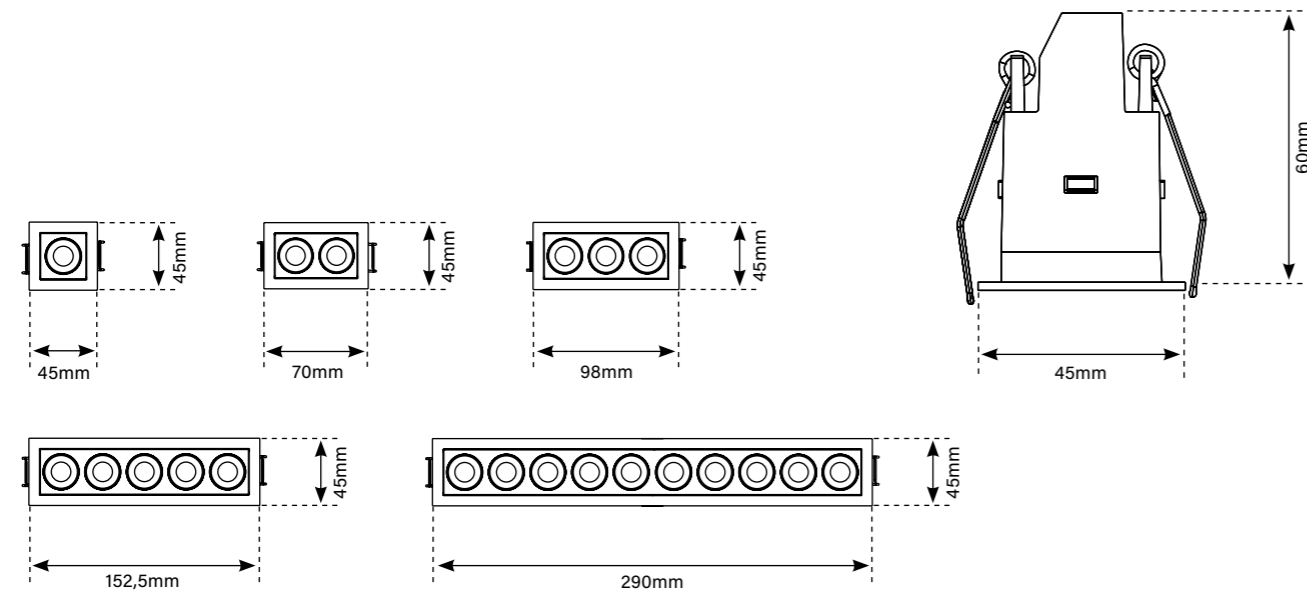
Example: 1800mm channel with six FF5, individual configuration

152.5mm | 160mm | 152.5mm | 160mm | 152.5mm | 160mm | 152.5mm | 160mm | 152.5mm | 160mm | 152.5mm

Link: https://nekolighting.com FF
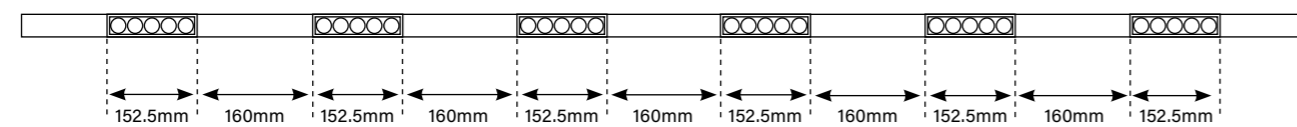
In lighting design, it should be noted that the modules

cannot be arranged in a flush row due to additional sliders.

Installation:

channel

holder 40mm | slider 55mm | FF Module | slider 55mm | LED Driver 100-150mm
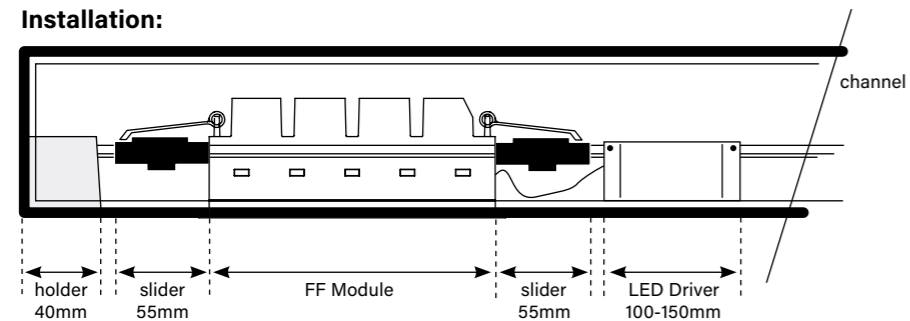
Tone Pavek Museum, Mirna Pec, Slovenia

Bvlgari Hotel, Shanghai

FUSION MODULES

FUSION FIXED AND SPOT COMBINATIONS: FS6, FF6-FS2, FF3-FS1, FF3

290mm   45mm

152,5mm   45mm

290mm   45mm

152,5mm   45mm
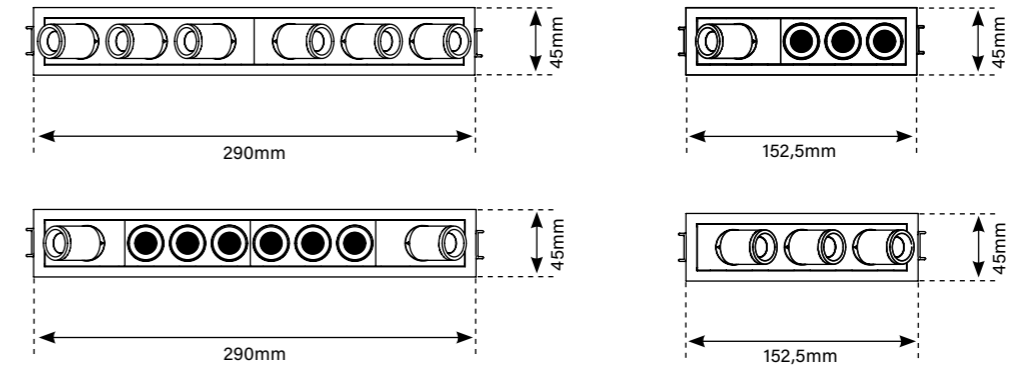
Example configuration 1800mm channel with two FF6 FS2 and two FS3, individual configuration

152,5mm   290mm   290mm   152,5mm

Link: https://nekolighting.com FS
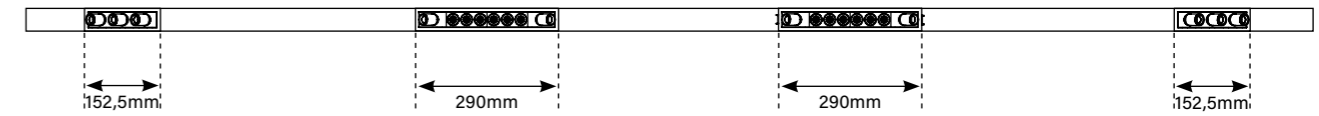
FUSION WALLWASHER MODULE: FW5, FW10

290mm   45mm

152,5mm   45mm

1800mm channel with two wall washer, individual configuration

530mm   290mm   160mm   290mm   530mm

Link: https://nekolighting.com FW
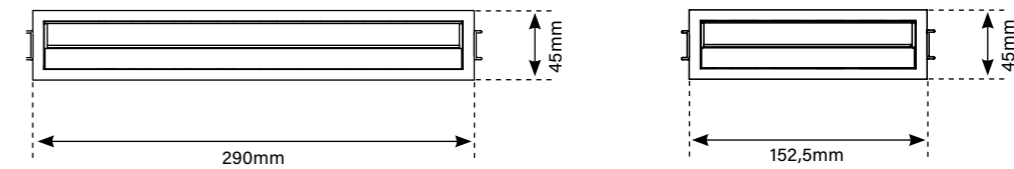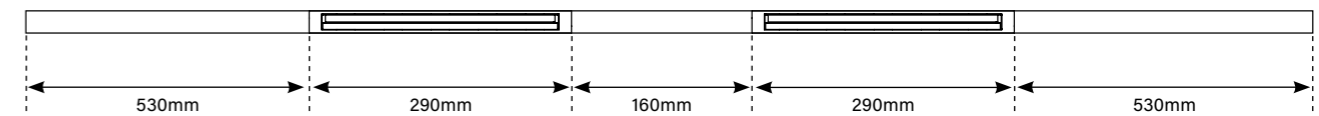
FUSION LINEAR LIGHTING SYSTEM

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FF1 - FUSION FIXED DOWNLIGHT

LED Power	System Power	LED Voltage	LED Current	CRI	CCT	Beam	LED Output	System Output	Model / Code
2W	3W	3,5V	700mA	80	2700K	24°	220lm	180lm	FF1-8272402X-WS
						40°	220lm	180lm	FF1-8274002X-WS
					3000K	24°	250lm	200lm	FF1-8302402X-WS
						40°	250lm	200lm	FF1-8304002X-WS
					4000K	24°	280lm	220lm	FF1-8402402X-WS
						40°	280lm	220lm	FF1-8404002X-WS
2W	3W	3,5V	700mA	90	2700K	24°	190lm	130lm	FF1-9272402X-WS
						40°	190lm	130lm	FF1-9274002X-WS
					3000K	24°	220lm	140lm	FF1-9302402X-WS
						40°	220lm	140lm	FF1-9304002X-WS
					4000K	24°	250lm	160lm	FF1-9402402X-WS
						40°	250lm	160lm	FF1-9404002X-WS

FF3 - FUSION FIXED DOWNLIGHT

LED Power	System Power	LED Voltage	LED Current	CRI	CCT	Beam	LED Output	System Output	Model / Code
7W	9W	10V	700mA	80	2700K	24°	700lm	500lm	FF3-8272407X-WS
						40°	700lm	500lm	FF3-8274007X-WS
					3000K	24°	750lm	550lm	FF3-8302407X-WS
						40°	750lm	550lm	FF3-8304007X-WS
					4000K	24°	800lm	600lm	FF3-8402407X-WS
						40°	800lm	600lm	FF3-8404007X-WS
7W	9W	10V	700mA	90	2700K	24°	620lm	470lm	FF3-9272407X-WS
						40°	620lm	470lm	FF3-9274007X-WS
					3000K	24°	650lm	500lm	FF3-9302407X-WS
						40°	650lm	500lm	FF3-9304007X-WS
					4000K	24°	700lm	550lm	FF3-9402407X-WS
						40°	700lm	550lm	FF3-9404007X-WS

FF2 - FUSION FIXED DOWNLIGHT

LED Power	System Power	LED Voltage	LED Current	CRI	CCT	Beam	LED Output	System Output	Model / Code
4W	6W	6,5V	700mA	80	2700K	24°	450lm	380lm	FF2-8272404X-WS
						40°	450lm	380lm	FF2-8274004X-WS
					3000K	24°	500lm	400lm	FF2-8302404X-WS
						40°	500lm	400lm	FF2-8304004X-WS
					4000K	24°	550lm	440lm	FF2-8402404X-WS
						40°	550lm	440lm	FF2-8404004X-WS
4W	6W	6,5V	700mA	90	2700K	24°	400lm	330lm	FF2-9272404X-WS
						40°	400lm	330lm	FF2-9274004X-WS
					3000K	24°	420lm	350lm	FF2-9302404X-WS
						40°	420lm	350lm	FF2-9304004X-WS
					4000K	24°	480lm	400lm	FF2-9402404X-WS
						40°	480lm	400lm	FF2-9404004X-WS

FF5 - FUSION FIXED DOWNLIGHT

LED Power	System Power	LED Voltage	LED Current	CRI	CCT	Beam	LED Output	System Output	Model / Code
11W	13W	16V	700mA	80	2700K	24°	1200lm	950lm	FF5-8272411X-WS
						40°	1200lm	950lm	FF5-8274011X-WS
					3000K	24°	1300lm	1000lm	FF5-8302411X-WS
						40°	1300lm	1000lm	FF5-8304011X-WS
					4000K	24°	1400lm	1100lm	FF5-8402411X-WS
						40°	1400lm	1100lm	FF5-8404011X-WS
11W	13W	16V	700mA	90	2700K	24°	1000lm	750lm	FF5-9272411X-WS
						40°	1000lm	750lm	FF5-9274011X-WS
					3000K	24°	1100lm	800lm	FF5-9302411X-WS
						40°	1100lm	800lm	FF5-9304011X-WS
					4000K	24°	1200lm	850lm	FF5-9402411X-WS
						40°	1200lm	850lm	FF5-9404011X-WS

FUSION LINEAR SYSTEM

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FF10 - FUSION FIXED DOWNLIGHT

LED Power	System Power	LED Voltage	LED Current	CRI	CCT	Beam	LED Output	System Output	Model / Code
22W	24W	31V	700mA	80	2700K	24°	2400lm	2000lm	FF10-8272422X-WS
						40°	2400lm	2000lm	FF10-8274022X-WS
					3000K	24°	2600lm	2100lm	FF10-8302422X-WS
						30°	2600lm	2100lm	FF10-8304022X-WS
					4000K	24°	2800lm	2300lm	FF10-8402422X-WS
						40°	2800lm	2300lm	FF10-8404022X-WB
22W	24W	31V	700mA	90	2700K	24°	2100lm	1750lm	FF10-9272422X-WS
						40°	2100lm	1750lm	FF10-9274022X-WS
					3000K	24°	2300lm	1850lm	FF10-9302422X-WS
						30°	2300lm	1850lm	FF10-9304022X-WS
					4000K	24°	2400lm	1950lm	FF10-9402422X-WS
						40°	2400lm	1950lm	FF10-9404022X-WB

FW10 - FUSION DOWNLIGHT

LED Power	System Power	LED Voltage	LED Current	CRI	CCT	Beam	LED Output	System Output	Model / Code
11W	13W	16V	700mA	80	2700K	WW	1200lm	550lm	FW5-827WW11X-WM
					3000K	WW	1300lm	600lm	FW5-830WW11X-WM
					4000K	WW	1400lm	650lm	FW5-840WW11X-WM
				90	2700K	WW	1000lm	450lm	FW5-927WW11X-WM
					3000K	WW	1100lm	500lm	FW5-930WW11X-WM
					4000K	WW	1200lm	550lm	FW5-940WW11X-WM
22W	24W	31V	700mA	80	2700K	WW	2400lm	1100lm	FW10-827WW22X-WM
					3000K	WW	2600lm	1200lm	FW10-830WW22X-WM
					4000K	WW	2800lm	1300lm	FW10-840WW22X-WM
				90	2700K	WW	2000lm	1000lm	FW10-927WW22X-WM
					3000K	WW	2200lm	1100lm	FW10-930WW22X-WM
					4000K	WW	2400lm	1200lm	FW10-940WW22X-WM

FG5 - FUSION DOWNLIGHT

LED Power	System Power	LED Voltage	LED Current	CRI	CCT	Beam	LED Output	System Output	Model / Code
11W	13W	16V	700mA	80	2700K	75°	1200lm	380lm	FG5-8277511X-WB
					3000K	75°	1300lm	400lm	FG5-8307511X-WB
					4000K	75°	1400lm	450lm	FG5-8407511X-WB
				90	2700K	75°	1000lm	330lm	FG5-9277511X-WB
					3000K	75°	1100lm	350lm	FG5-9307511X-WB
					4000K	75°	1200lm	400lm	FG5-9407511X-WB

FG10 - FUSION DOWNLIGHT

LED Power	System Power	LED Voltage	LED Current	CRI	CCT	Beam	LED Output	System Output	Model / Code
22W	24W	31V	700mA	80	2700K	75°	2400lm	850lm	FG10-8277522X-WB
					3000K	75°	2600lm	900lm	FG10-8307522X-WB
					4000K	75°	2800lm	950lm	FG10-8407522X-WB
				90	2700K	75°	2000lm	750lm	FG10-9277522X-WB
					3000K	75°	2200lm	800lm	FG10-9307522X-WB
					4000K	75°	2400lm	850lm	FG10-9407522X-WB

FS6 - FUSION DOWNLIGHT

LED Power	System Power	LED Voltage	LED Current	CRI	CCT	Beam	LED Output	System Output	Model / Code
14W	16W	19V	700mA	80	2700K	15°	1400lm	1000lm	FS6-8271514X-WN
						30°	1400lm	1000lm	FS6-8273014X-WN
					3000K	15°	1500lm	1050lm	FS6-8301514X-WN
						30°	1500lm	1050lm	FS6-8303014X-WN
					4000K	15°	1600lm	1100lm	FS6-8401514X-WN
						30°	1600lm	1100lm	FS6-8403014X-WN
14W	16W	19V	700mA	90	2700K	15°	1200lm	800lm	FS6-9271514X-WN
						30°	1200lm	800lm	FS6-9273014X-WN
					3000K	15°	1300lm	850lm	FS6-9301514X-WN
						30°	1300lm	850lm	FS6-9303014X-WN
					4000K	15°	1400lm	900lm	FS6-9401514X-WN
						30°	1400lm	900lm	FS6-9403014X-WN

FUSION LINEAR SYSTEM

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FF3-FS1 - FUSION DOWNLIGHT

LED Power	System Power	LED Voltage	LED Current	CRI	CCT	Beam	LED Output	System Output	Model / Code
9W	11W	13V	700mA	80	2700K	24°	900lm	600lm	FFS1-8272409X-WS
						40°	900lm	600lm	FFS1-8274009X-WS
					3000K	24°	950lm	650lm	FFS1-8302409X-WS
						40°	950lm	650lm	FFS1-8304009X-WS
					4000K	24°	1000lm	700lm	FFS1-8402409X-WS
						40°	1000lm	700lm	FFS1-8404009X-WS
9W	11W	13V	700mA	90	2700K	24°	800lm	500lm	FFS1-9272409X-WS
						40°	800lm	500lm	FFS1-9274009X-WS
					3000K	24°	850lm	550lm	FFS1-9302409X-WS
						40°	850lm	550lm	FFS1-9304009X-WS
					4000K	24°	900lm	600lm	FFS1-9402409X-WS
						40°	900lm	600lm	FFS1-9404009X-WS

FF6-FS2 - FUSION DOWNLIGHT

LED Power	System Power	LED Voltage	LED Current	CRI	CCT	Beam	LED Output	System Output	Model / Code
17W	19W	25V	700mA	80	2700K	24°	1950lm	1250lm	FFS2-8272417X-WS
						40°	1950lm	1250lm	FFS2-8274017X-WS
					3000K	24°	2000lm	1300lm	FFS2-8302417X-WS
						40°	2000lm	1300lm	FFS2-8304017X-WS
					4000K	24°	2150lm	1400lm	FFS2-8402417X-WS
						40°	2150lm	1400lm	FFS2-8404017X-WS
17W	19W	25V	700mA	90	2700K	24°	1750lm	1050lm	FFS2-9272417X-WS
						40°	1750lm	1050lm	FFS2-9274017X-WS
					3000K	24°	1800lm	1100lm	FFS2-9302417X-WS
						40°	1800lm	1100lm	FFS2-9304017X-WS
					4000K	24°	1950lm	1200lm	FFS2-9402417X-WS
						40°	1950lm	1200lm	FFS2-9404017X-WS

UL1200 - FUSION UPLIGHT

LED Power	System Power	LED Voltage	LED Current	CRI	CCT	Beam	LED Output	System Output	Model / Code
11W	13W	46V	250mA	80	2700K	110°	2000lm	1500lm	UL1200-11W-827-110D
					3000K	110°	2100lm	1600lm	UL1200-11W-830-110D
					4000K	110°	2300lm	1700lm	UL1200-11W-840-110D
				90	2700K	110°	1800lm	1300lm	UL1200-11W-927-110D
					3000K	110°	1900lm	1400lm	UL1200-11W-930-110D
					4000K	110°	2100lm	1500lm	UL1200-11W-940-110D

UL1800 - FUSION UPLIGHT

LED Power	System Power	LED Voltage	LED Current	CRI	CCT	Beam	LED Output	System Output	Model / Code
16W	18W	46V	350mA	80	2700K	110°	3000lm	2000lm	UL1800-16W-827-110D
					3000K	110°	3200lm	2200lm	UL1800-16W-830-110D
					4000K	110°	3400lm	2400lm	UL1800-16W-840-110D
				90	2700K	110°	2800lm	1800lm	UL1800-16W-927-110D
					3000K	110°	3000lm	2000lm	UL1800-16W-930-110D
					4000K	110°	3200lm	2200lm	UL1800-16W-940-110D

FUSION LINEAR SYSTEM

INSTALLATION TYPE **FUSION AL300 + FS3**
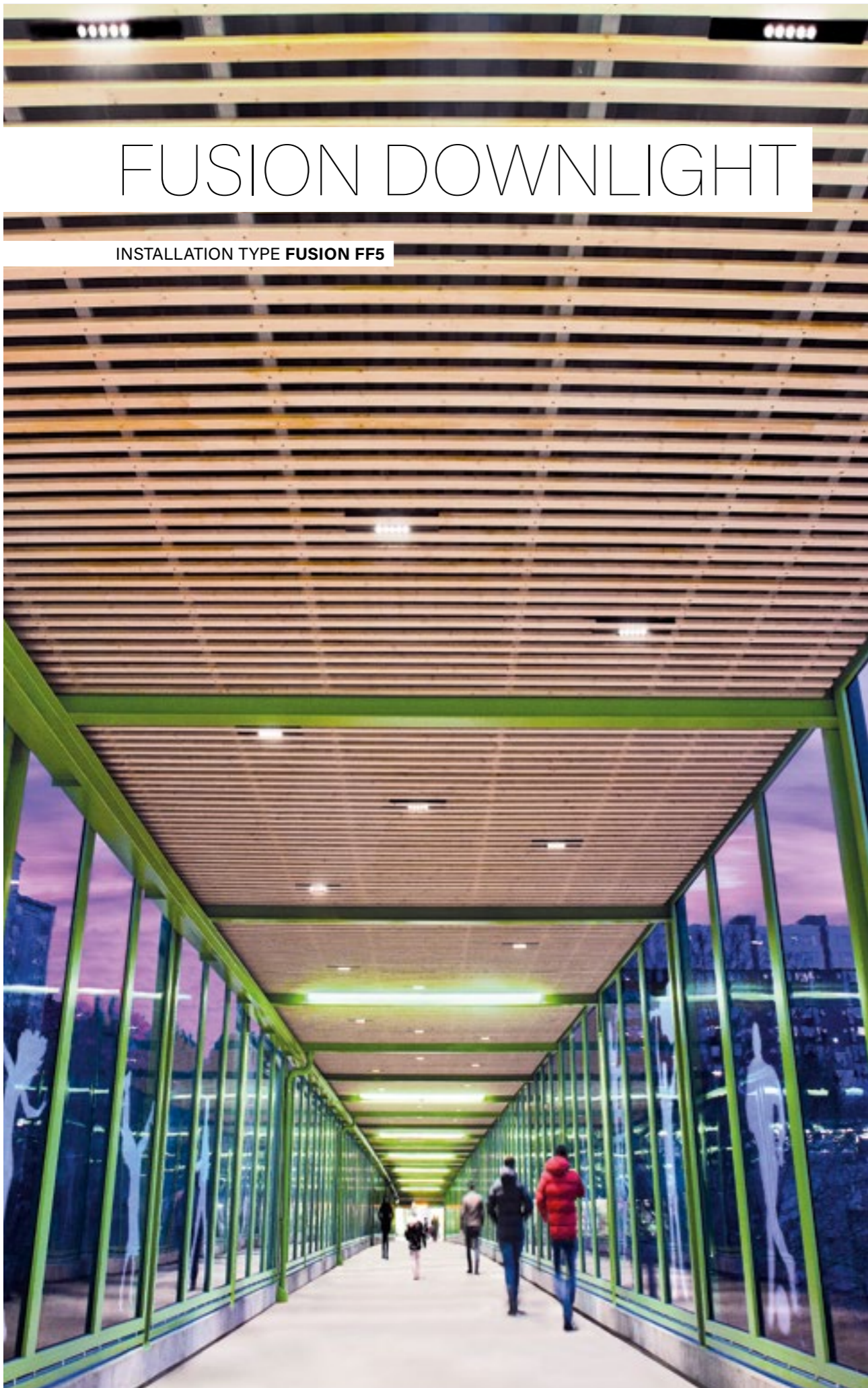
Project: Nutz GmbH.

The specialist installer for electrical engineering, data and security technology at premium qualitative and technical level has moved into its new building in Ampfing/Bavaria.

Lighting was realised using the FUSION Linear-System by NEKO. Linear profiles combine modules for accent lighting with spotlights for directed lighting. A pleasant indirect illumination of the entire room was achieved with uplights. **FUSION LINEAR SYSTEMS** may be designed and fitted to meet individual requirements. Depending on the specific purpose it is possible to combine different inserts. For indirect lighting tasks the uplight-module may additionally be added.

The profiles "Made in Germany" are characterised by precise workmanship. The aluminium profile, without visible screws, is available in black as well as white. It is made to measure and delivered to the construction site ready-to-connect enabling building contractors to install lighting and start-up lighting services quicker than before.
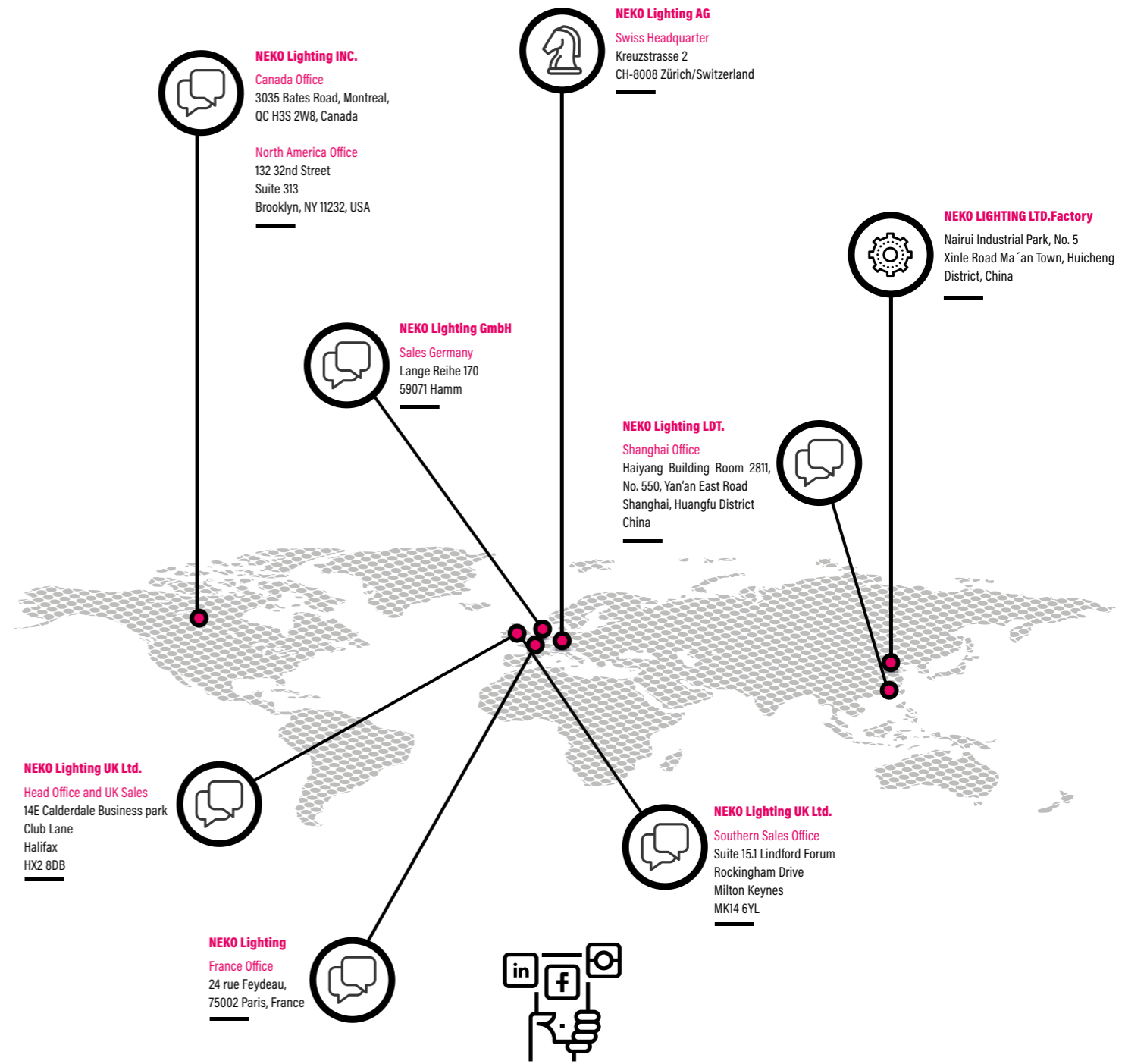
Foto: Rode GmbH Lichttechnik

FUSION DOWNLIGHT

INSTALLATION TYPE **FUSION FF5**

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