

FOOD LIGHTING

3-phase track lights,
AR111 spotlights & flex
stripes

PERFECTLY STAGED
LIGHT FOR FOOD





LIGHTING THAT WHETS THE APPETITE

Light as a selling factor

Light is much more than just brightness—it is emotion, atmosphere, and a selling point all at once. In modern retail spaces, lighting plays a crucial role in the presentation of products and how the customer perceives the shopping experience. It draws the eye, creates atmosphere, and often influences purchasing decisions subconsciously.

Especially with food products, it is important to present the goods in such a way that they appear fresh, appetizing and high-quality. The right lighting makes fruit and vegetables appear in vibrant colors, gives meat and baked goods a fresh appearance, and creates an inviting atmosphere that inspires confidence.

Lighting design as part of the brand identity

A well-thought-out lighting concept is part of corporate identity. It can emphasize brand values, evoke emotions, and promote the recognition value of a business.

A bright, clearly structured supermarket conveys trust and transparency. In a deli counter with warm, selective lighting, the products appear high-quality and fresh. Light also serves brand communication in a subtle way, but is no less effective for that.

Zone lighting and accent lighting in the salesroom

Good retail lighting consists of several levels:

Basic lighting: provides orientation and uniform brightness in the room

Accent lighting: highlights specific product groups or sectors and draws customers' attention

Mood lighting: creates atmosphere, e.g., in seating areas or seasonal special offers

The combination of different types of light creates a harmonious overall picture that has both a functional and emotional impact. Flexible lighting systems make it possible to adjust individual zones specifically depending on the product range, time of day, or season.



LED technology - efficient, long-lasting and individually controllable

Modern LED lighting is now standard in professional retail space design. Not only does it offer excellent light quality, but it also scores points thanks to a number of advantages:

- **Energy efficiency:** LEDs consume up to 70% less energy than conventional illuminant.
- **Durability:** With a service life of up to 50,000 hours, maintenance and replacement costs are reduced.
- **Color variety:** From warm white to daylight white—LEDs offer flexible light colors for every product group.
- **Dynamic lighting control:** Modern control systems allow light intensity and color to be individually adjusted for a perfect presentation, even with a changing product range.

Practical tips for planning

Product range analysis Which products should be showcased?

Choose appropriate color temperatures Different light colors create different effects.

Avoid glare Customers should feel comfortable; overly bright or uneven lighting can be distracting.

Consider flexibility Seasonal changes or renovations require lighting to be adaptable

Keep an eye on energy consumption Intelligent control systems and efficient LEDs reduce operating costs in the long term.



Safety and quality with Food Safe certified luminaires

Where food is the focus, cleanliness is a top priority—even when it comes to lighting. Food Safe certified luminaires are specially designed for use in food sectors and guarantee the highest hygiene and safety standards.

They consist of high-quality, safe materials, are easy to clean, and are designed so that no particles or splinters can get into the products. This not only creates perfect lighting conditions for brilliant product presentation, but also a safe environment for your customers and employees.

Food Safe lighting solutions – for trust, freshness and quality at first glance.

**FOOD
SAFE**

Light creates revenue

The right lighting makes the difference between a normal shopping trip and a shopping experience. It emphasizes quality, increases the length of stay, and boosts sales. A well-designed lighting solution pays off twice!

Annotation:

The light from our LED lights, illuminant and flex stripes neither changes the quality of the food nor manipulates the consumer. The light simply focuses on the naturalness of the product, highlights the corresponding color pigments, and increases its attractiveness to human perception.



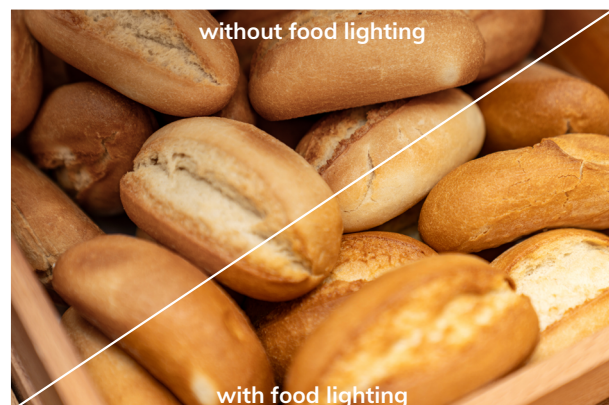


BAKERY

Perfect lighting for the bakery counter

The right lighting makes all the difference! In the bakery, it makes bread golden brown, rolls crispy, and pastries appear fresh. Warm white light with slightly reddish and yellowish nuances emphasizes the appetizing brown color and conveys warmth, naturalness, and craftsmanship.

A harmoniously coordinated lighting solution with a warm spectrum not only creates an inviting atmosphere, but has also been proven to increase the willingness to buy. Customers perceive quality, freshness, and craftsmanship more intensely—from the first glance to the moment of purchase.



The Bread Light products from ISOLED

The ISOLED Bread Light series was specially developed for use in bakeries. Its optimized light spectrum contains enhanced red and yellow components, specifically tailored to the surface colors of baked goods. This makes golden crusts appear more intense, doughs fresher, and fine pastries more natural - without the color appearing unnatural.

The Bread Light spectrum offers:

- A special red peak at about 610-630 nm, which highlights the tanning effect
- Balanced yellow and warm white tones that make baked goods appear vibrant
- A high CRI value above 90-97, which guarantees authentic color rendering

Functionality is not neglected

In addition to their visual appeal, Bread Lights also offer practical advantages in everyday sales.

The LED lights and flex stripes are low-maintenance and durable, which significantly reduces running costs. The low heat generation ensures that baked goods stay fresh longer, even near light sources. Flexible track lights and flex stripes enable individual products or entire counter areas to be illuminated in a targeted manner.





MEAT & SAUSAGE COUNTER



Optimal lighting for meat and sausage

The right lighting is crucial for making meat and sausage products look fresh, juicy, and appetizing.

Specially tuned LED light sources emphasize natural colors: red meats such as beef or pork take on a vibrant, intense red thanks to the dominant wavelengths of the Meat Light, while the Fresh Meat Light perfectly showcases light meats such as poultry. This makes products appear attractive without looking artificially or overly colored.

A harmoniously coordinated lighting solution with warm, reddish accents emphasizes freshness, quality, and hygiene. Customers perceive the products as high-quality and appetizing.

ISOLED's Meat Light and Fresh Meat Light products

The ISOLED Meat lights were developed for use at meat and sausage counters. The optimized light spectrum includes enhanced red components that are specifically tailored to the natural colors of red meat. Fresh Meat lights have been specially optimized for light-colored meats such as poultry, ensuring that even light-colored meat cuts appear vibrant and fresh while retaining their natural colors.

The Meat Light | Fresh Meat Light range offers:

- Meat Light has a special wavelength of 603–620 nm, which emphasizes the freshness and color of red meat.
- Fresh Meat Light focuses specifically on red and yellow components, which make the light meat color appear vibrant.
- A high CRI value above 85–95 for realistic color rendering



LED technology for maximum efficiency

The LED lights and flex stripes with Meat and Fresh Meat Light score highly in everyday use thanks to their durability and energy efficiency.

The LEDs provide reliable lighting over a long period of time and protect the freshness of the goods thanks to their low heat emission. A well-thought-out lighting plan allows for the setting of flexible, targeted accents. This ensures that each product group is presented in the best possible light.



FRUIT & VEGETABLES

Optimal lighting solution for fruit and vegetables

The presentation of fruit and vegetables benefits enormously from the right lighting. A carefully balanced light spectrum with enhanced red, yellow, and green components makes fruits and vegetables appear fresh, juicy, and colorful. The natural nuances of the products are enhanced, making the goods appear fresh and high-quality.

The targeted lighting design creates a friendly, inviting shopping atmosphere that intuitively appeals to customers. The freshness, ripeness, and quality of the products are immediately apparent and increase the appeal of the counter—from the first glance to reaching for the desired product.



ISOLED's Fruit and Vegetable Light products

The ISOLED Fruit and Vegetable Light series has been specially developed to showcase fruit and vegetables in the sales area in the best possible light. The carefully balanced light spectrum specifically enhances red, yellow, and green tones, making fruits and vegetables appear vibrant, juicy, and fresh without making the colors look unnatural.

The Fruit and Vegetable Light spectrum offers:

- A red range at approximately 610–630 nm, which intensively highlights ripe fruit
- Balanced yellow and green components that make leafy greens, herbs and other vegetables look fresh
- A high CRI value of 90–97 for realistic and true-to-life color rendering

Practical advantages for everyday sales

The Fruit & Vegetable Light series not only impresses with its excellent effect on fruit and vegetables, but also scores points with its functional properties.

The LEDs and flex stripes are extremely durable and low-maintenance, which reduces operating costs. Thanks to the low heat generation, products remain fresh longer even when placed in close proximity to light sources. Flexible lighting can be used to highlight individual products as well as the entire sales area.





FISH COUNTER



Excellent lighting for fish counters

The presentation of fish and seafood thrives on freshness, shine, and vibrant colors—and this is precisely where the Fish Light series comes in.

The specially tuned LED spectrum ensures that salmon, shrimp, mussels, and other seafood products display their natural colors optimally. Silver scales, delicate red tones, and greenish shimmering fish varieties are clearly and freshly highlighted without the appearance looking artificial.

A balanced combination of cool blue and green tones creates a lively, fresh overall impression. The lighting not only highlights the quality and cleanliness of the products, but also gives customers a feeling of freshness and care.

Fish Light products from ISOLED

The ISOLED Fish Light series was specially developed for the presentation of fish and seafood. The light spectrum is optimized to make the natural colors of salmon, shrimp, and mussels appear particularly vivid and fresh. The flex stripes from the Fish Light series focus on blue and green tones, as well as soft red tones, to optimally illuminate both light and brightly colored fish species.

The Meat Light | Fresh Meat Light range offers:

- Precisely tuned wavelength in the sector of 500–630 nm, which highlights the natural color variety of fish
- Balanced blue, green, and red components that enhance freshness, brilliance, and detail structure
- A high CRI value of over 85–95, which ensures authentic and realistic color rendering.



LED technology for effective and gentle lighting

The Fish Light LED-flex stripe from ISOLED impresses with its durability, energy efficiency, and reliable performance in everyday use. Thanks to minimal heat generation, fish and seafood remain optimally fresh, even under intense lighting directly above the product.

Targeted lighting makes it possible to highlight individual products or the entire counter area in the best possible way. This creates an appealing, consistent presentation that visibly emphasizes the quality.

PRODUCT RECOMMENDATIONS

3-phase track light

220-240V AC | IP20 | 68.000h L80|B50 |

Focusable 20° - 70° | Food

DIMENSIONS

L: 125 mm | Dm.: 86 mm

3
YEAR
GUARANTEE

20°-70°

FOOD
SAFE



BLACK

Meat | 1,900 K

Power: 33,7 W

CRI value: 70

114981 A F E

Fresh Meat | 3,200K

Power: 33,7 W

CRI value: 65

114980 A F E

Bread | 2,700 K

Power: 33,7 W

CRI value: 92

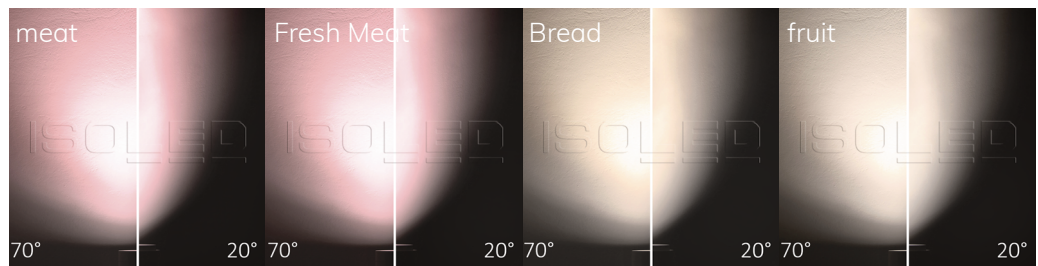
114982 A F E

Fruit | 3,000 K

Power: 34 W

CRI value: 92

114983 A F F



WHITE

Meat | 1,900 K

Power: 33,7 W

CRI value: 70

114977 A F E

Fresh Meat | 3,200 K

Power: 33,7 W

CRI value: 65

114976 A F E

Bread | 2,700 K

Power: 33,7 W

CRI value: 92

114978 A F E

Fruit | 3,000 K

Power: 34 W

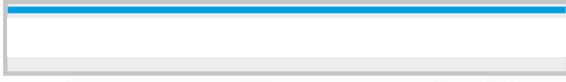
CRI value: 92

114979 A F F

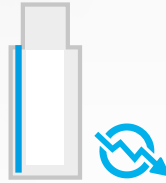


S1 SERIE SURFACE-MOUNTING INFEEDS

CONDUCTOR RAIL NEUTRAL CONDUCTOR

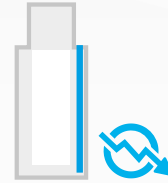


- 2 METER 114328 114327
- 3 METER 114549 114548



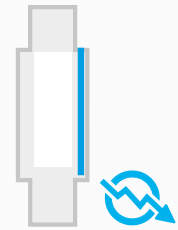
INFEEED
LEFT

- 114326
 114325



INFEEED
RIGHT

- 114324
 114323



INFEEED
CENTER

- 114541
 114540

CONNECTOR NEUTRAL CONDUCTOR



**LINEAR CONNECTOR
LIVE**

- 114318
 114317



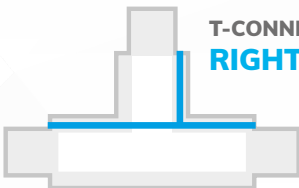
**L-CONNECTOR
OUTSIDE**

- 114320
 114319



**L-CONNECTOR
INSIDE**

- 114322
 114321



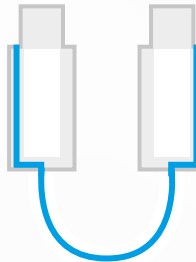
**T-CONNECTOR
RIGHT**

- 114330
 114329



**T-CONNECTOR
LEFT**

- 114332
 114331



**CONNECTOR
FLEX**

- 114316
 114315

ACCESSORIES



END CAP

- 114314
 114313



HANGING CLIP

- 114333
 114334



CABLE SUSPENSION

1 pc. | 10 - 200 mm

- 114336
 114335



CABLE SUSPENSION

1 pc. | 10 - 200 mm |
Ceiling canopy

- 114338
 114337



ADAPTER

protective contact plug

- 113579
 114034



**ADAPTER
MECHANICAL**

- 107625
 127625

Additional cable for
luminaire suspension

- 116781
 116075



**ADAPTER
UNIVERSAL**

- 107601
 127601



COVER 200 cm

- 116264
 116265

AR111 spotlight | food lighting

220-240V AC | IP20 | 68.000h L80|B50 |

Focusable 20° - 70° | Food

DIMENSIONS

L: 125 mm | Dm.: 86 mm

3
YEAR
GUARANTEE

35°-50°

**FOOD
SAFE**



Meat | 1,900 K

Power: 30 W

CRI value: 85

112737

Fresh Meat | 3,200K

Power: 30 W

CRI value: 90

112738

Bread | 2,760 K

Power: 30 W

CRI value: 90

112735

Fruit | 3,100 K

Power: 30 W

CRI value: 90

112736

Mounting frame AR111



AR111 mounting frame, round, flat, swiveling

112977



AR111 mounting frame, square, single, swiveling

112576



AR111 mounting frame, square, 2-fold, swiveling

112577



1:1
DIMENSION



1.250
LUMEN/M

24V LED CRI FOOD FLEX STRIPE

14.4 WATTS | IP20

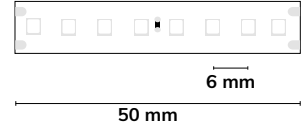
10 mm
width **160 LED/ METER**
max. 5 m / infeed

24 V DC Voltage **14,4 W/m** Rated power

Separation point: 50 mm

Length: 5 m
Width: 10 mm
Height: 1,4 mm
Pitch: 6 mm
Hours: 50.000 h L80|B50

10 mm
1,4 mm



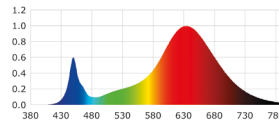
Note: Requires a cooling profile with a mass of min. 75gr/m

116806

LED CRI Food flex stripe Meat

Dominant wavelength: 610 nm
12.5W | CRI82 | 1250 lumens/meter
Active power: 14.4 Watt/meter

A
T
G
E



1:1
DIMENSION



24V LED CRI FOOD FLEX STRIPE

14.4 WATTS | IP20

10 mm
width **140 LED/ METER**
max. 5 m / infeed

24 V DC Voltage **14,4 W/m** Rated power

Separation point: 50 mm

Length: 5 m
Width: 10 mm
Height: 1,4 mm
Pitch: 7,14 mm
Hours: 70.000 hrs L80|B50

10 mm
1,4 mm



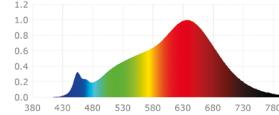
Note: Requires a cooling profile with a mass of min. 75gr/m

115070

LED CRI food flex stripe bread

CRI97 | Dominant wavelength: 583 nm
1400 lumens/meter
Active power: 14.4 watts/meter

A
T
G
F

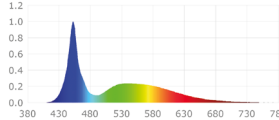


115067

LED CRI food flex stripe fish

CRI75 | Dominant wavelength: 475 nm
1900 Lumen / meter
Active power: 14.4 watts/meter

A
T
G
D

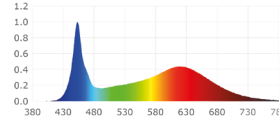


115069

LED CRI food flex stripe meat

CRI80 | Dominant wavelength: 460 nm
1500 lumen/meter
Active power: 14.4 watts/meter

A
T
G
E

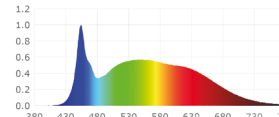


115068

LED CRI food flex stripe vegetable

CRI85 | Dominant wavelength: 460 nm
1900 lumen / meter
Active power: 14.4 watts/meter

A
T
G
D



YOUR PARTNER

ISOLED® SINCE 2008



ISOLED® AUSTRIA
ISOLED FIAI Handels GmbH
Egerbach 48
A-6334 SCHWOICH
AUSTRIA

Tel: +43 5372 219 999

E-Mail: office@isoled.at
www.isoled.at



ISOLED® GERMANY
FIAI Trading GmbH
Hollerweg 3
D-85649 BRUNNTHAL
GERMANY

Tel: +49 810 48 999 200

E-Mail: office@isoled.de
www.isoled.de



**ISOLED® SWITZER-
LAND**
Allegra Swiss GmbH
Einsiedlerstraße 15a
CH-8834 SCHINDELLEGI
SWITZERLAND

Tel: +41 44 787 04 75

E-Mail: info@isoled.ch
www.isoled.ch