



Supermarkets



See what light can do for your customers



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Scan the code and learn more about LED!



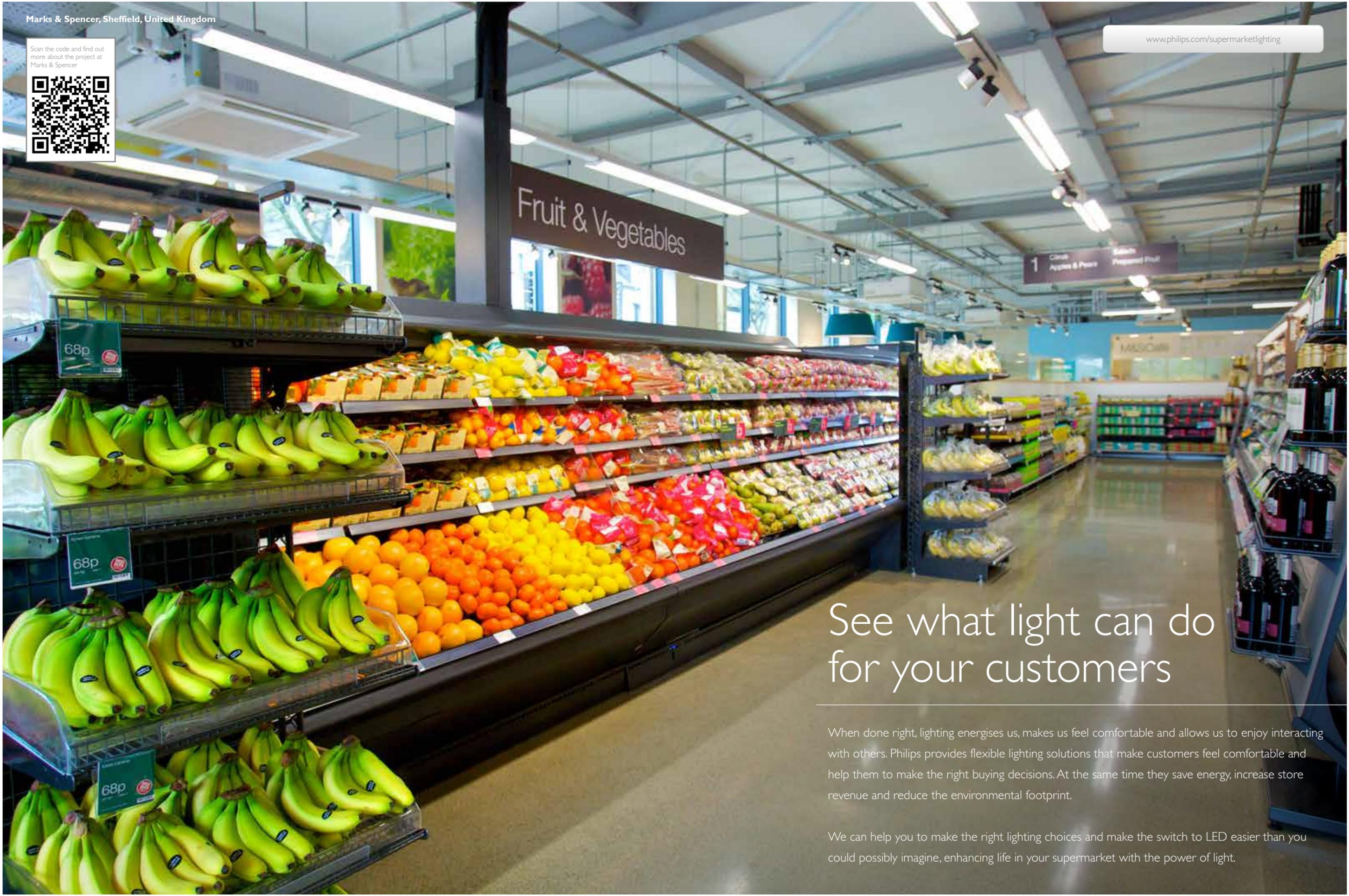
Android



iOS

PHILIPS

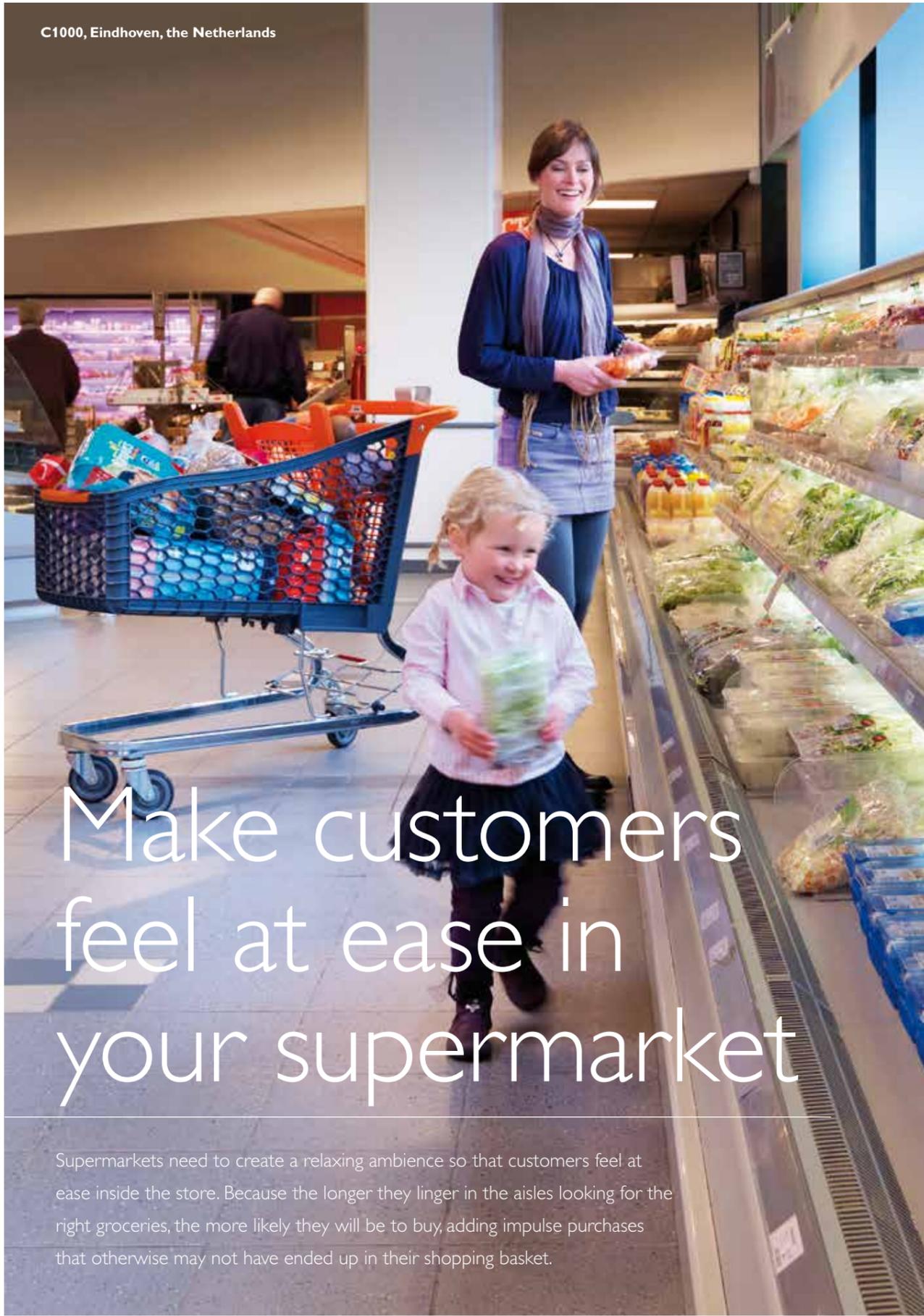
Scan the code and find out more about the project at Marks & Spencer



See what light can do for your customers

When done right, lighting energises us, makes us feel comfortable and allows us to enjoy interacting with others. Philips provides flexible lighting solutions that make customers feel comfortable and help them to make the right buying decisions. At the same time they save energy, increase store revenue and reduce the environmental footprint.

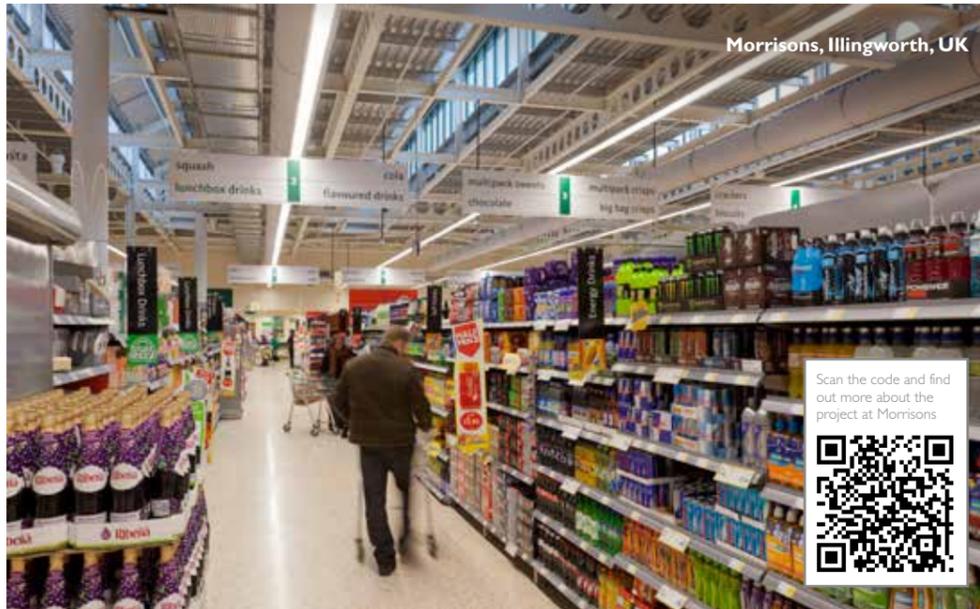
We can help you to make the right lighting choices and make the switch to LED easier than you could possibly imagine, enhancing life in your supermarket with the power of light.



Make customers feel at ease in your supermarket

Supermarkets need to create a relaxing ambience so that customers feel at ease inside the store. Because the longer they linger in the aisles looking for the right groceries, the more likely they will be to buy, adding impulse purchases that otherwise may not have ended up in their shopping basket.

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Scan the code and find out more about the project at Morrisons



Scan the code and find out more about the project at Simply Market

Inspiring customers

Creating the right in-store ambience can make customers feel at ease and enhance the shopping experience. Our special fresh food solutions are designed to bring out the best in the appearance of all your products.

Operational advantages of LED

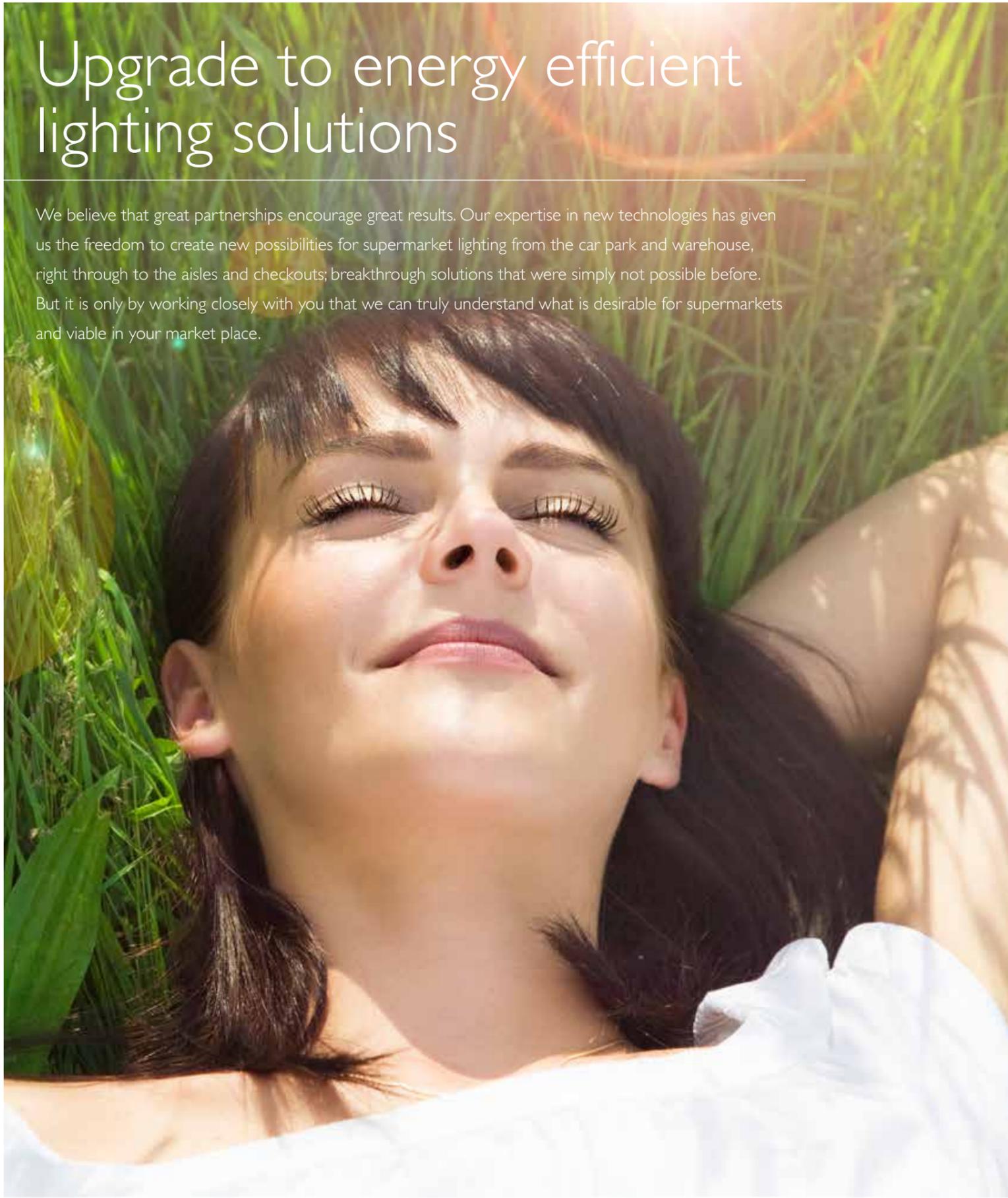
Our solutions are suitable for every supermarket application. They offer attractive opportunities to inspire customers by improving the appearance of products and enhancing store ambience. We also have smart ways to retrofit your existing installation with energy-efficient LED and reduce maintenance.

Clever controls

Our clever lighting controls take supermarket lighting to a whole new level. You can set the right scene in each area to enhance displays, save precious energy by using less light when there is more natural daylight, or use smart controls with presence detection features to balance light levels according to the volume of store traffic. A great way to control costs without compromising the customer experience.

Upgrade to energy efficient lighting solutions

We believe that great partnerships encourage great results. Our expertise in new technologies has given us the freedom to create new possibilities for supermarket lighting from the car park and warehouse, right through to the aisles and checkouts; breakthrough solutions that were simply not possible before. But it is only by working closely with you that we can truly understand what is desirable for supermarkets and viable in your market place.



Sustainability

In food stores, 69% of all energy costs are due to systems that are influenced by luminaires. With energy costs increasing on an annual basis, the potential for savings is considerable. We've developed a range of energy-efficient lighting solutions that are socially responsible, technologically advanced and pleasing to the eye. Helping companies to sustain themselves and the environment.

Feel in control

Complete control solutions, such as Dynalite and Teletrol, ensure that lights are only used when needed - and at the desired light levels. Our solutions combine optimal comfort and ambience with minimal energy consumption. Some of our solutions, such as Teletrol, even take this beyond lighting, helping you to control entire store chains from a central location.

Controls, solutions and services

Philips Lighting's controls, solutions and services (CSS) organisation can keep the hassle of your lighting project to an absolute minimum. CSS offers a complete range of supporting services - from financing and installation

to maintenance. The services are available individually or combined into a tailor-made turnkey package that delivers complete project co-ordination from start to finish. Once you're happy with the solution we've designed for you, we'll take over all responsibility. All you need to do to monitor and manage your lighting project is contact your dedicated Philips representative.

Lighting contributing to LEED

In response to a growing demand of minimizing the environmental impact of buildings, many organizations have developed Green Building certification systems. LEED (Leadership in Energy and Environmental Design) is a rating system created by the United States Green Building Council whereas BREEAM (Building Research Establishment Environmental Assessment Method) is a system established in the UK by the Building Research Establishment. Both LEED and BREEAM are widely accepted as international standards for Green Building certification.

Philips has a range of lighting and controls that, designed well into a green building, can considerably help towards certification credits.



Advisory Services

Our Advisory Services give clear insight into your current lighting system, how it can be improved, and what benefits your supermarket would gain from improved or newly developed systems.

Energy Audit

- Assessment of current lighting system
- Business case development for energy savings

Solution Design

- Lighting application
- Technical design
- Business models



Project Services

You get one partner from start to finish. You determine the scope of our involvement, from simply overseeing product installation, to taking on complete responsibility or a turnkey project for your supermarket.

Project Services

- Project Management
- Installation
- Integration & Programming



Lifecycle Services

We offer customers and channel partners a variety of contracts, which cover all aspects for guaranteeing long-lasting, hassle-free, cost-effective performance



Support

- Protects your investment



Maintenance

- Ensures hassle-free operation



Performance

- Meets business goals and objectives



Philips Lighting Capital

Philips Lighting Capital offers benefit sharing and financing programmes that link to the returns that a new lighting solution will deliver. This enables you to acquire a state-of-the-art solution that will enhance your supermarket immediately and keep your cash flow positive from day one.

Supermarket overview

Our lighting solutions can add value in many different ways throughout your supermarket. In the fruit and vegetables section, at the meat and fish counter, even at the checkouts.

On the following pages you will find examples for nine typical areas of a supermarket. The products shown are only a small selection of what is available for that particular application.



01. Parking and façade



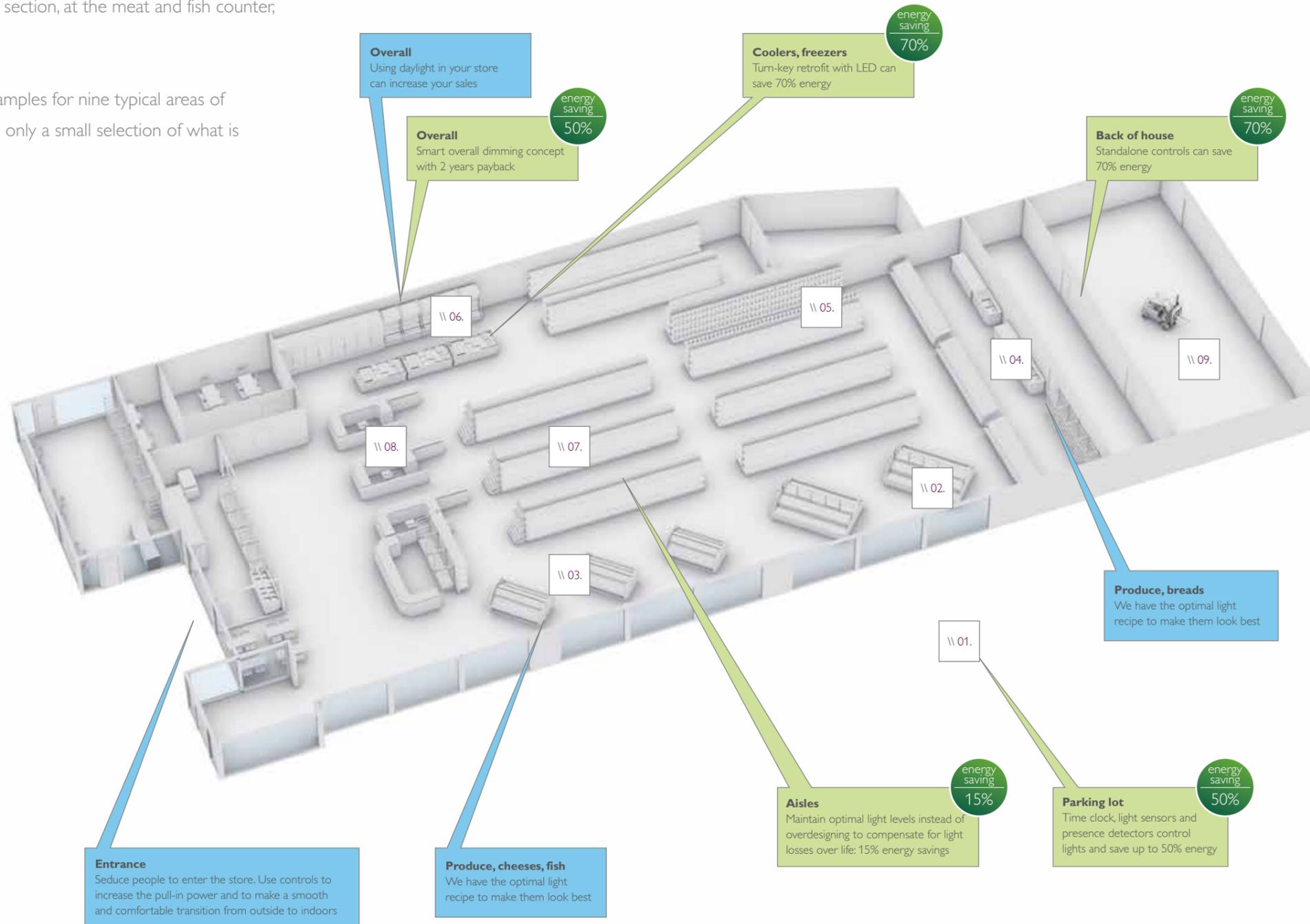
02. Fruits and vegetables



03. Cheese, bread and pastries



04. Meat and fish



■ revenue enhancement potential
■ energy savings

*Mentioned percentages are experiences figures depending on the customer installed base, newly selected luminaires, lamps and energy prices.



05. Wine



06. Freezers and coolers



07. Aisles, promotional goods and shelves



08. Checkout and cashier



09. Warehouse and cold store

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01. Parking and façade

First impressions count with customers. Creating attraction from a distance, guiding your customer to the entrance and providing a feeling of safety throughout the parking area are a must. Our LED lighting solutions can turn your supermarket into a landmark store with a bright and welcoming ambience even when it's dark. Everything from the car park lighting to your signage can guide customers towards your store entrance and ensure they leave safely when they've finished shopping. And because LEDs are highly energy efficient, you'll welcome the savings too.

Feel safe outside your store

In outdoor areas, the best lighting effects are achieved by using LED lamps, LED luminaires and the right controls. White light plays a vital role in making people feel safe after dark. Its higher perceived brightness and superior colour rendering make it easier to distinguish objects, colours, shapes and people. Presence detection enhances the feeling of safety, dimming the lights when no one is around, switching lights on as soon as someone walks towards the store, then dimming them again without anyone noticing. We offer solutions that achieve this in combination with maximum comfort for the shoppers.

Illuminate your brand

Using dynamic LED displays outside your supermarket is a great way to attract potential customers, highlight your store and strengthen your brand identity. Our display solutions are flexible in content and shape, getting your message across depending on the season or occasion. This way customers keep coming back being attracted by promotions because they are visible from a distance.

This combination of products is the best way to create a bright and welcoming ambience



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energy
saved
52%

El Corte Inglés Salamanca Car Park

El Corte Inglés, in cooperation with Philips, has committed itself to achieving high energy savings and complying with the current regulations in its new shopping centre at Salamanca. Sustainable solutions are implemented, that regulate the lighting according to people being present in the area.

Salamanca, Spain

Product solution:
OccuSwitch DALI, MASTER TL-D ECO



“For lighting the parking areas of our El Corte Inglés shopping centres at Salamanca and Tarragona, we have installed the OccuSwitch DALI system, enabling us to automatically adjust the light levels according to traffic density. This has led us to achieving up to 52% energy saving.”
Miguel Ángel Lorenzo, Planning and Facilities Manager, El Corte Inglés Engineering Dept.

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02. Fruits and vegetables

Fresh products like luscious green vegetables and shiny fruits always have a special appeal to customers. But their freshness also shows how much your supermarket cares about quality. Using authentic white LED will draw the attention of the shopper towards the fresh products. Special optics and dedicated fresh food spectrum will create extra attraction and enhance the image of quality.



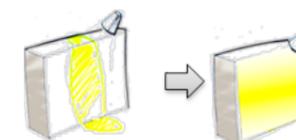
Kaufpark, Iserlohn, Germany



Jumbo, Eindhoven, the Netherlands

Appealing fruit and vegetables

Philips knows how to bring out the best in all the fresh products in your store from meat and fish to fruit and vegetables. We were the first lighting specialist to develop a portfolio of solutions specifically for fresh food applications. Our solutions offer the optimal light effect in a choice of luminaires, so you can always find the perfect match for your brand. For fresh food and vegetables we recommend using luminaires in LED Authentic White or LED Champagne. See the table on page 44 for a quick guide.



Completely new to the market is ExactEffect for best in class LED accent lighting. It directs the light only where needed, enabling you to reduce energy use by 30% compared to the best conventional solutions - and it also requires 25% fewer luminaires.

The CDM alternative for fruits and vegetables is MASTERColour CDM Fresh, that brings the unique SDW color enhancement, but due to higher efficiency leads to 30% energy consumption compared to SDW. They fit in CDM (Elite) luminaires, and can be driven by standard CDM gear.

Combine these products to bring out the best in all your fresh products

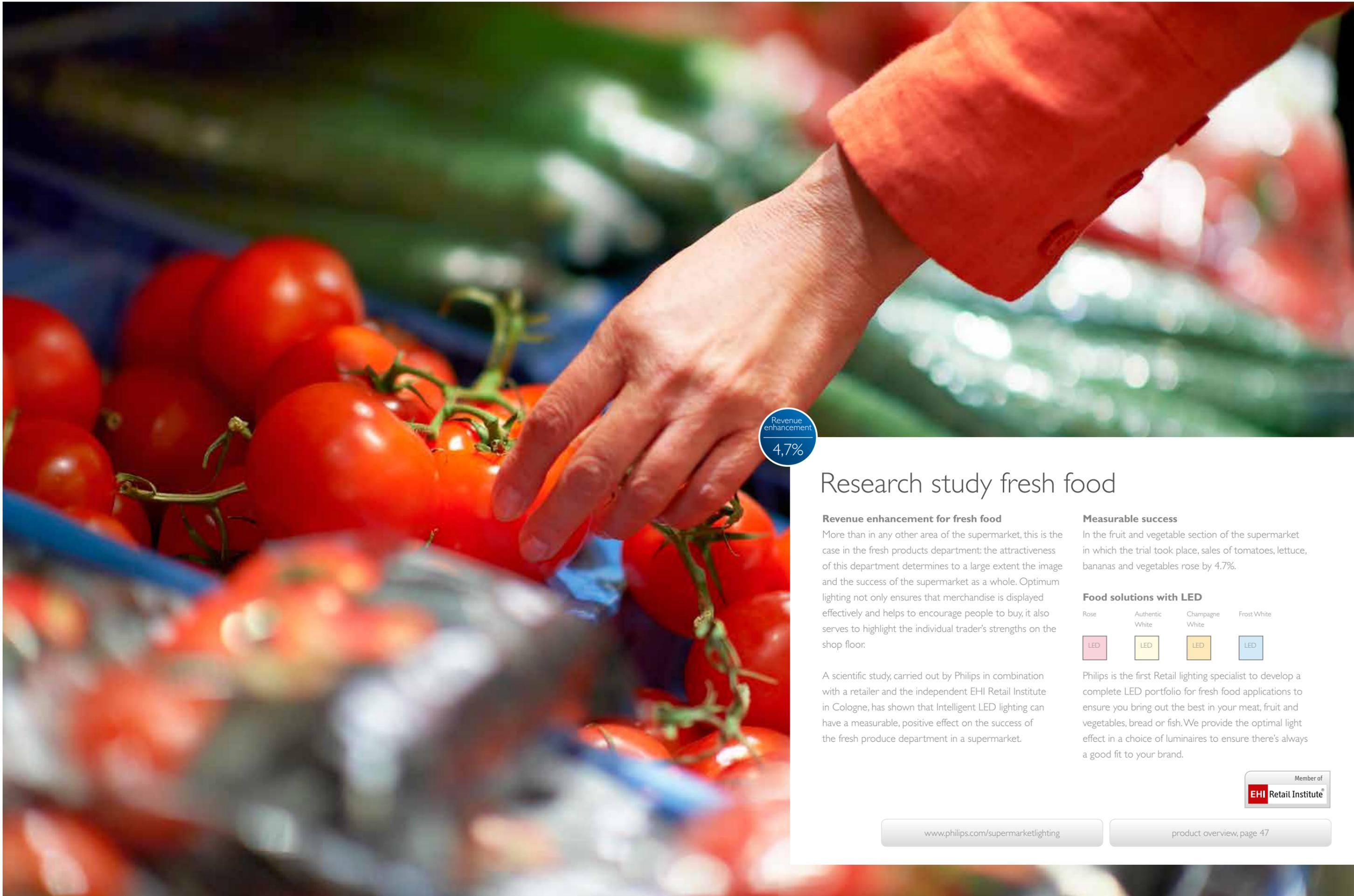
ExactEffect StyliD Performance Oval Optic LuxSpace Accent Oval Optic Food Pendant StoreFit MASTERColour CDM Fresh

Expert choice: LED Champagne
Best alternative: LED Authentic White

Fruits and vegetables solution

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Revenue enhancement
4,7%

Research study fresh food

Revenue enhancement for fresh food

More than in any other area of the supermarket, this is the case in the fresh products department: the attractiveness of this department determines to a large extent the image and the success of the supermarket as a whole. Optimum lighting not only ensures that merchandise is displayed effectively and helps to encourage people to buy, it also serves to highlight the individual trader's strengths on the shop floor.

A scientific study, carried out by Philips in combination with a retailer and the independent EHI Retail Institute in Cologne, has shown that Intelligent LED lighting can have a measurable, positive effect on the success of the fresh produce department in a supermarket.

Measurable success

In the fruit and vegetable section of the supermarket in which the trial took place, sales of tomatoes, lettuce, bananas and vegetables rose by 4.7%.

Food solutions with LED

Rose	Authentic White	Champagne White	Frost White
LED	LED	LED	LED

Philips is the first Retail lighting specialist to develop a complete LED portfolio for fresh food applications to ensure you bring out the best in your meat, fruit and vegetables, bread or fish. We provide the optimal light effect in a choice of luminaires to ensure there's always a good fit to your brand.



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03. Cheese, bread and pastries

The smell of fresh bread and pastries is irresistible, but the right lighting can also seduce your customers to indulge themselves with a little treat.



Jumbo, Eindhoven, the Netherlands



Jumbo, Eindhoven, the Netherlands



Jumbo, Eindhoven, the Netherlands

Cheese is a delicate product that can easily be harmed if handled, or lit, incorrectly. So it's essential that the lighting creates no "hot spots" that could impair the flavour. This can be done perfectly with Philips LED solutions which don't radiate heat in the beam, this eliminates hot spots automatically. When it comes to appearance, all cheeses look their best in light with a touch of yellow, even those that are white. It helps to attract attention, whets customers' appetites and encourages them to buy. And with efficient optics and light sources our solutions maximise energy savings too. For example by reducing the number of luminaires.

Fresh bread and rolls must give the impression that they've just come out of the oven. Lighting with white-yellow or red-brown tones will make them look crisp and appetising to tempt customers. This can be achieved by bringing out the freshness with a Philips LED Champagne optic. For pastries a cool white light will enhance the appearance of whipped cream, making it look fresh and inviting. The CDM alternative is the CDM Warm lamp that combines warm light with near-perfect CRI of 92 and very high efficacy.

We recommend the Philips LED Champagne for cheese, bread and pastries.

These lighting products are perfect for giving your cheese counter fresh appeal

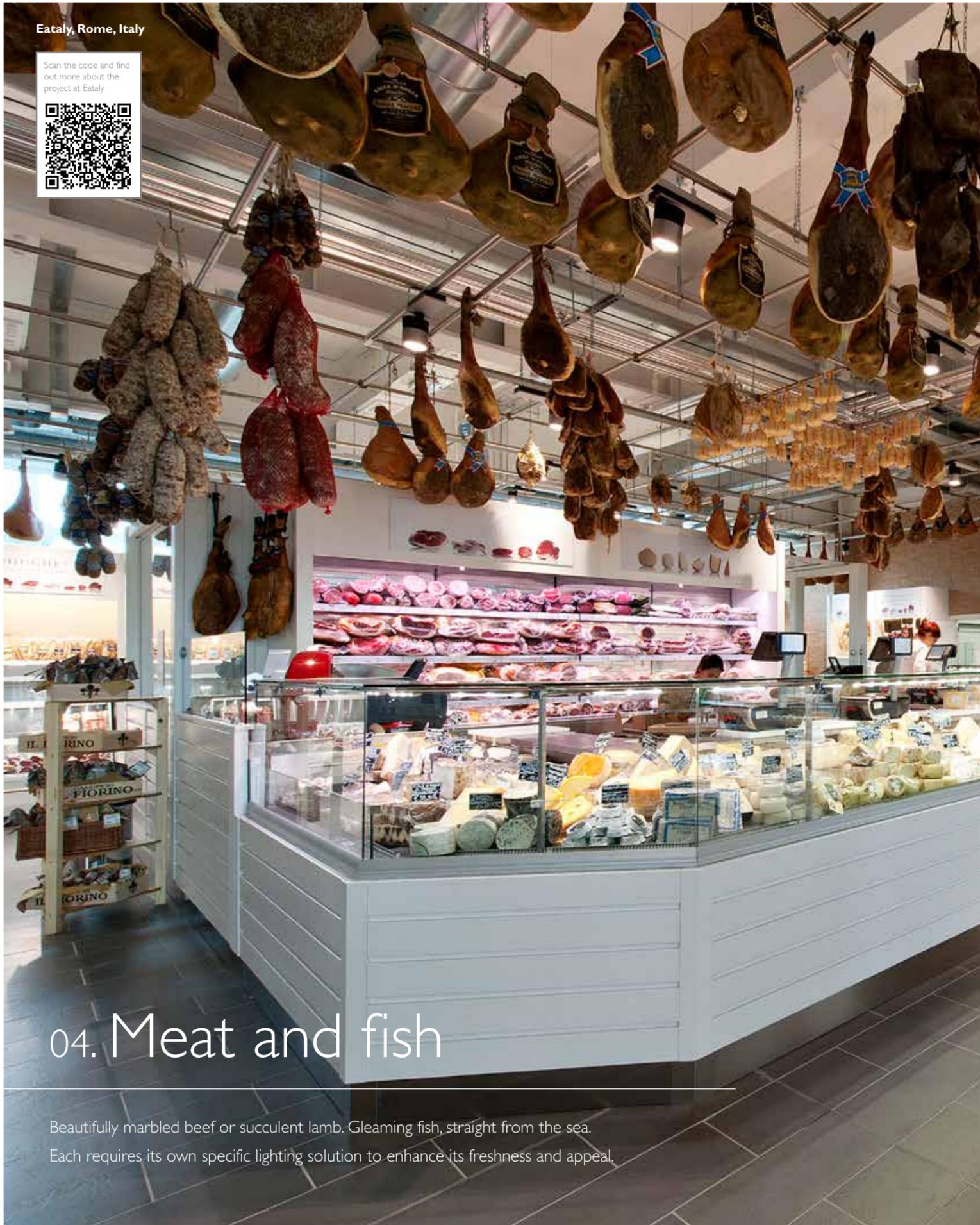
Expert choice: LED Champagne
Best alternative: LED Authentic White

Cheese, bread and pastries solution

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Scan the code and find out more about the project at Eataly



04. Meat and fish

Beautifully marbled beef or succulent lamb. Gleaming fish, straight from the sea. Each requires its own specific lighting solution to enhance its freshness and appeal.



Meat

More than any other products, shoppers use the visual appearance of meat to decide on its freshness and quality. It has been shown that warm white light with a subtle red glow will display the meat at its best. Use LED rose to enhance the meat slightly, or for a more natural appearance choose LED Authentic White. Time based controls such as Dynalite ensure that products are always lit when needed and with the appropriate light levels.

Fish

For white fish it's best to use our LED Frost. The sparkling white light creates a dazzling effect which, combined with the ice on display, makes the fish look even shinier and more appealing. Red fish demands a warmer colour temperature like LED Authentic White to enhance their natural attractiveness.

The CDM alternative for both meat and fish is MASTERColour CDM Fresh, that brings the unique SDW color enhancement, but due to higher efficiency leads to 30% energy consumption compared to SDW.

Mix and match these lighting products to enhance your fresh meat and fish

StyliD Performance Oval Optic LuxSpace Accent Oval Optic Food Pendant

ExactEffect LED Cooler module MASTERColour CDM Fresh

	Meat	Fish
Expert choice:	LED Rosé	LED Frost White
Best alternative:	LED Authentic White	LED Authentic White

Meat and fish solution

www.philips.com/supermarketlighting

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05. Wine

Choosing wine is something that customers savour as much as their favourite wine variety, so it's important to create the right atmosphere.

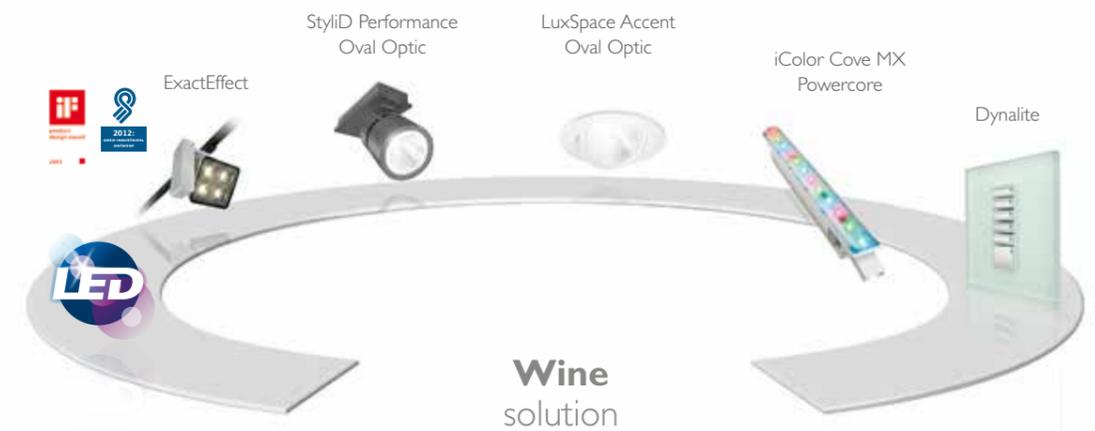


Warm white light will enhance the colour of rich red Burgundies, Riojas and Merlots. Pinot Grigio and Sauvignon Blanc appear clear and refreshing in neutral white light. For extra ambience add accent lighting with precise beams and dramatic shadows to create a sense of a sophisticated atmosphere.

Ambience is vital in a wine department. Displays should be attractive and the ambience should create the impression of walking in a virtual wine cellar.

As wine must be stored at correct temperatures, it's vital that the lighting does not adversely affect these conditions. StyliD or ExactEffect with LED Champagne will create dramatic shadows to highlight the upmarket ambience of the wine department. And cove lighting can contribute to the atmosphere in the most energy-efficient way. And to tickle the taste buds we can set the lighting scenes at different times during the day, creating maximum appeal to different shopper groups.

Create a wine cellar ambience with this combination of lighting products



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Scan the code and find out more about the project at Schiphol



Revenue enhancement
14%

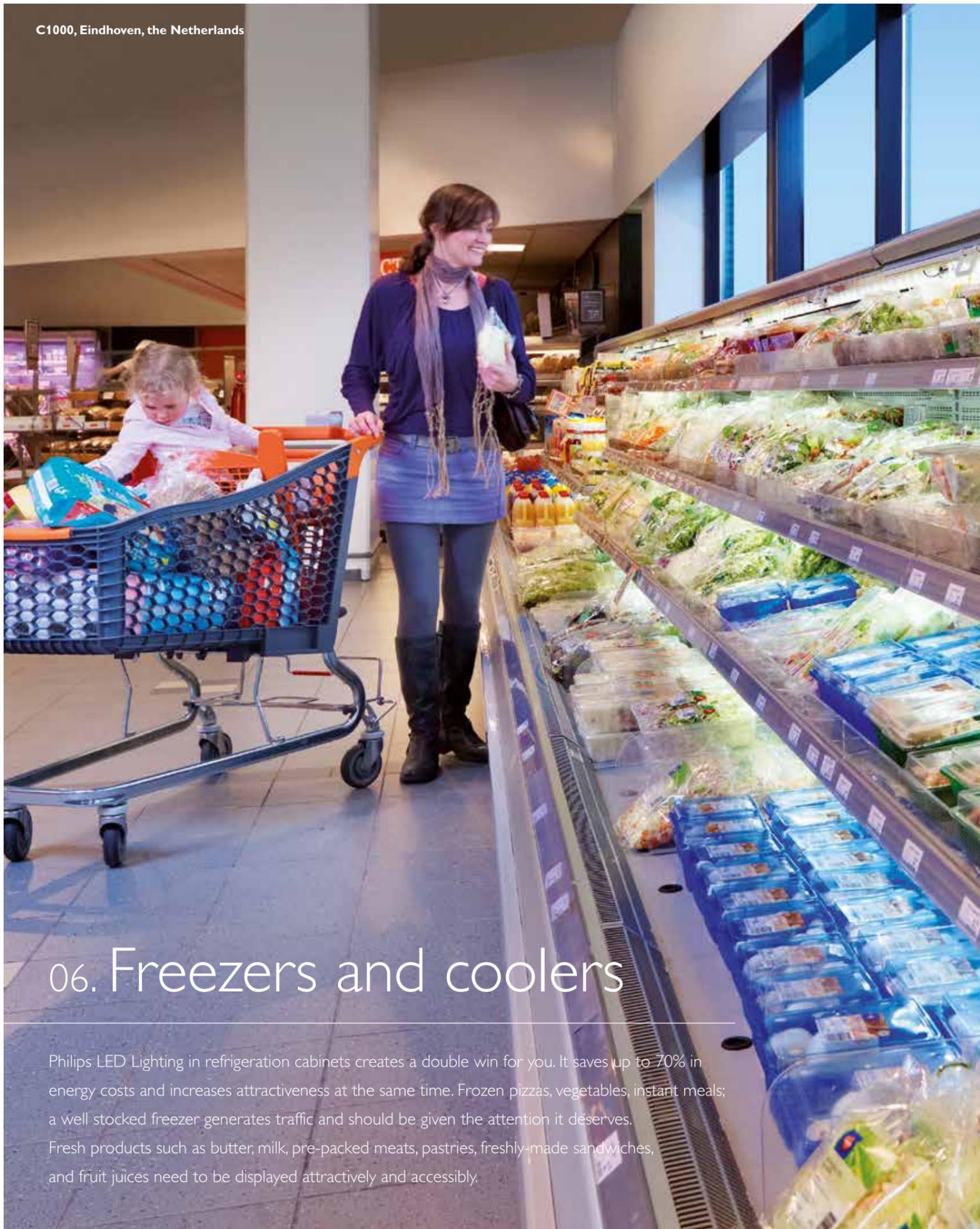
Schiphol Airport Retail

The airport transformed a windowless store into a magnet for shoppers. Using a 65m LED wall with dynamic video content, light levels were synchronised to recreate the drama and spectacle of the Dutch skies indoors. A multi-sensory shop-in-shop experience also promotes Dutch products. The solution has resulted in a 12% increase in store traffic and a 14% increase in sales value.

Amsterdam, the Netherlands

Product solutions:
LuxSpace Compact, StyliD Compact, Miniflux, eW Flex SLX, Pharos controller

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06. Freezers and coolers

Philips LED Lighting in refrigeration cabinets creates a double win for you. It saves up to 70% in energy costs and increases attractiveness at the same time. Frozen pizzas, vegetables, instant meals; a well stocked freezer generates traffic and should be given the attention it deserves. Fresh products such as butter, milk, pre-packed meats, pastries, freshly-made sandwiches, and fruit juices need to be displayed attractively and accessibly.



Philips LED lighting for refrigeration cases is a greener, more energy efficient way to create an enjoyable shopping experience, improve product visibility and lower refrigeration costs. Compared to fluorescent lamps, our LED alternatives consume much less energy. They also contain no mercury or lead, which significantly reduces CO₂ emissions.

Our unique optic system also prevents the light source from being directly visible, reducing glare. With excellent light and colour consistency throughout their extremely long lifetime, Philips LEDs also provide brighter, more uniform illumination to enhance the colour and appeal of fresh goods. What's more, because they generate less radiant heat, you waste less energy too. Some retailers add controls to save additional energy but also to guide and attract shoppers into their freezer aisle.

Chilled and frozen foods require a special combination of lighting products



Freezers and coolers solution

www.philips.com/supermarketlighting

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energy saved
70%

Edeka

Germany's No.1 food retailer places great importance on the freshness and quality of its products. To emphasise this, they replaced the lighting in their refrigeration cabinets with Philips Freezer & Cooler LEDs. The neutral white light provides excellent illumination and saves Edeka 70% in energy costs.

Meine, Germany

Product solutions:
MASTER LEDtube SA1, Affinium LED Display Module LDM 421

energy saved
70%

Albert Heijn

Albert Heijn refurbished the freezer lighting at all 850 of its stores with Philips LED Freezer Modules. The retro-fit solution provides bright, consistent light that improves visibility and product presentation. It also results in enormous energy savings of up to 70% and reduced lamp replacement costs.

Helmond, the Netherlands

Product solutions:
LED Freezer Module

"A large number of refrigerated cabinets used to be synonymous with high energy consumption in food retailing. The switch to LED lighting has brought us a decisive step forward economically, ecologically and in terms of maintenance."

Toralf Ankermann, Manager of EDEKA-Märkte Ankermann

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07. Aisles, promotional goods and shelves

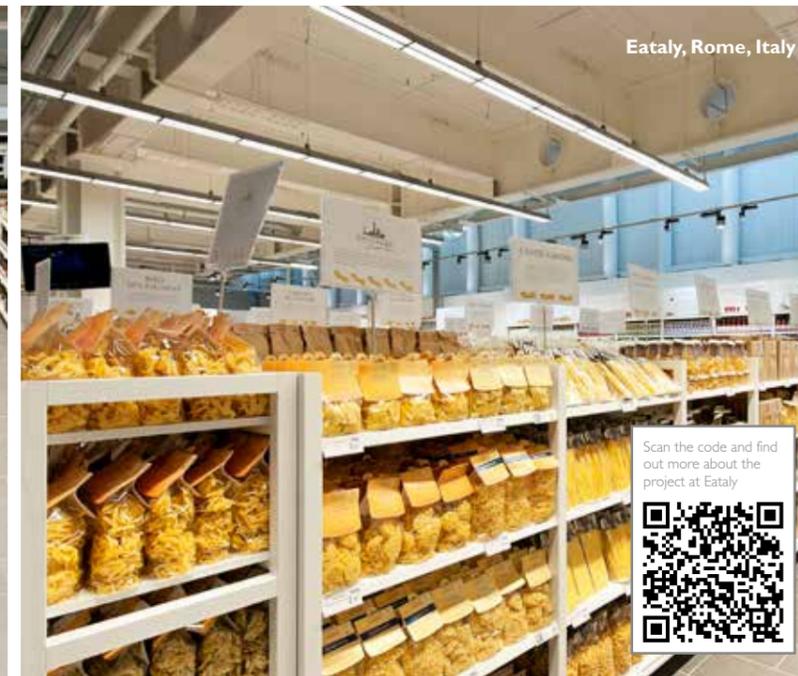
Good aisle lighting is essential to guide customers through your store and highlight the merchandise you have on promotion.



Jumbo, Eindhoven, the Netherlands



Eataly, Rome, Italy



Eataly, Rome, Italy

Scan the code and find out more about the project at Eataly



Our LED solutions direct light exactly where it's needed. They create high vertical illuminance to add sparkle to the products on your shelves, without causing glare so they're also easy on the eye. Extensive tests show that our solutions provide reliable, high quality lighting for the entire lifetime of the lamp. What's more, upgrading to LED for general lighting can enable you to achieve very short payback terms, especially with the upgradable Maxos Performer program and LED downlights.

The ability to place spots every 60 cm on the trunking system, emergency lighting options and the option to dim easily with daylight harvesting or presence detection, makes the trunking system a multifunctional solution. Draw extra attention to your promotional goods with a combination of ExactEffect or StyliD and integrated LED shelf lighting to highlight offers and light up sales.

Use this combination of lighting products to highlight your best offers



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energy
saved
35%

Consum

Consum is the largest cooperative of the Iberian Mediterranean Basin and operates within the commercial distribution industry. The environmental goals for this year includes a reduction of its carbon footprint by 5%. To emphasise this, they replaced the lighting throughout the store with Philips general and accent lighting solutions. The energy savings of this replacement are 35% higher than the traditional solution and the maintenance costs have been reduced to zero, while maintaining the same levels of light.

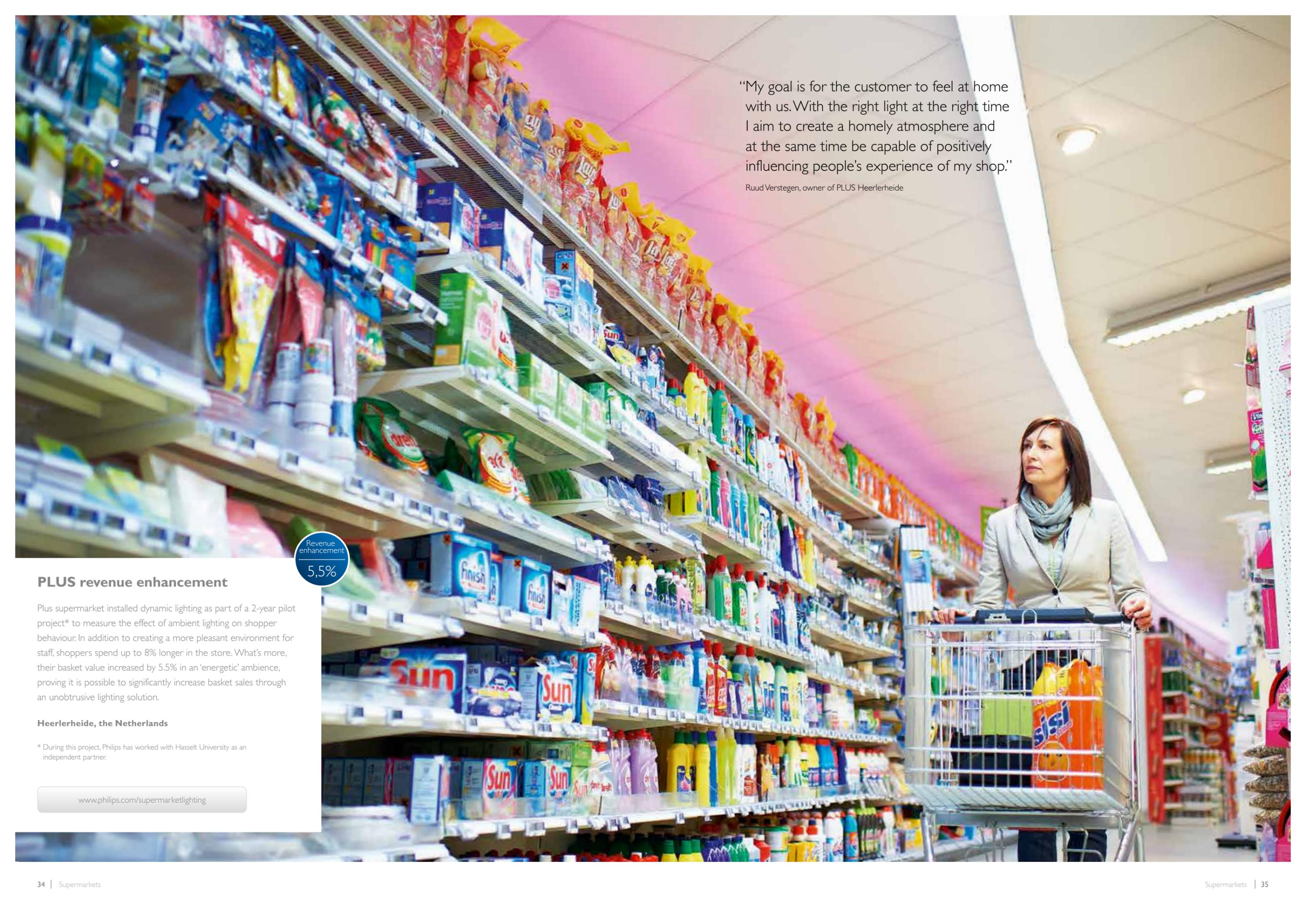
Consum, Betxi, Spain

Product solutions:

Maxos LED Industry, CoreView Panel, Accent Lighting, LuxSpace Accent, UnicOne LED pendant

“The use of LED technology as a starting point has been a good decision. The Philips LED systems provide the lowest possible energy consumption currently available as well as providing lighting of a quality equal to the CONSUM brand image.”

D. Emilio Bermell, Works Division Manager, Development Department - Consum



“My goal is for the customer to feel at home with us. With the right light at the right time I aim to create a homely atmosphere and at the same time be capable of positively influencing people’s experience of my shop.”

Ruud Versteegen, owner of PLUS Heerlerheide

Revenue enhancement
5.5%

PLUS revenue enhancement

Plus supermarket installed dynamic lighting as part of a 2-year pilot project* to measure the effect of ambient lighting on shopper behaviour. In addition to creating a more pleasant environment for staff, shoppers spend up to 8% longer in the store. What’s more, their basket value increased by 5.5% in an ‘energetic’ ambience, proving it is possible to significantly increase basket sales through an unobtrusive lighting solution.

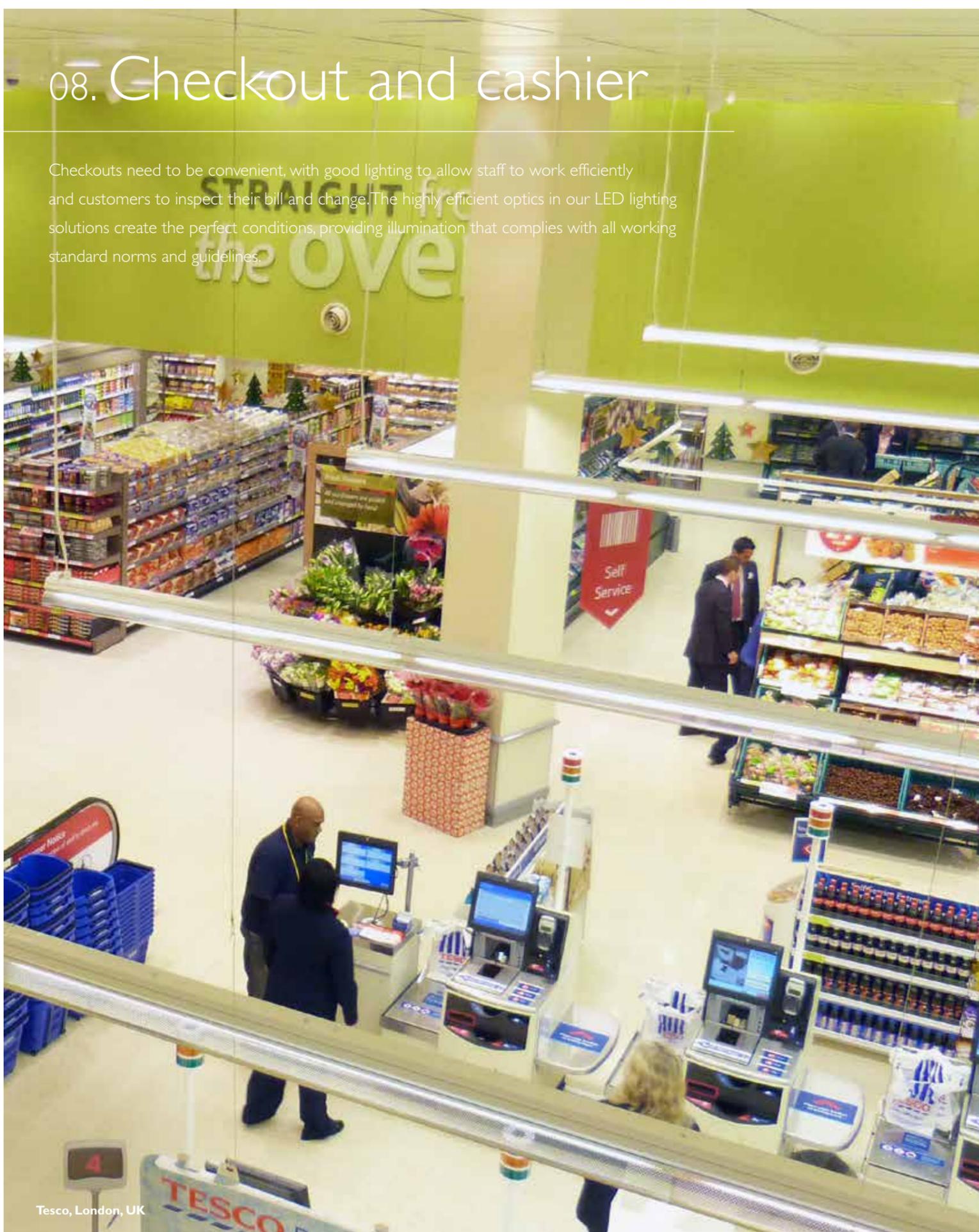
Heerlerheide, the Netherlands

* During this project, Philips has worked with Hasselt University as an independent partner.

www.philips.com/supermarketlighting

08. Checkout and cashier

Checkouts need to be convenient, with good lighting to allow staff to work efficiently and customers to inspect their bill and change. The highly efficient optics in our LED lighting solutions create the perfect conditions, providing illumination that complies with all working standard norms and guidelines.



Tesco, London, UK



PLUS, Heerlerheide, the Netherlands



Morrisons, Peterborough, UK



Supermarket lighting needs to be comfortable on the eyes, particularly for cashier staff that have to spend long periods of time working behind the checkout desk. Our LED solutions provide great light quality that can be directed to precisely where it is needed, illuminating the checkout for shoppers while eliminating the glare that can make the working day more stressful for staff.

With intelligent controls you can take retail lighting to the next level. Dimmable downlights can guide shoppers away from empty checkout desks when there are fewer staff in store to serve them. They can also be boosted to highlight promotional islands and encourage impulse purchases when there are queues at busy checkouts. So you can adapt the lighting to suit the volume of traffic you have in store.

Create the perfect conditions at the checkout with these lighting products



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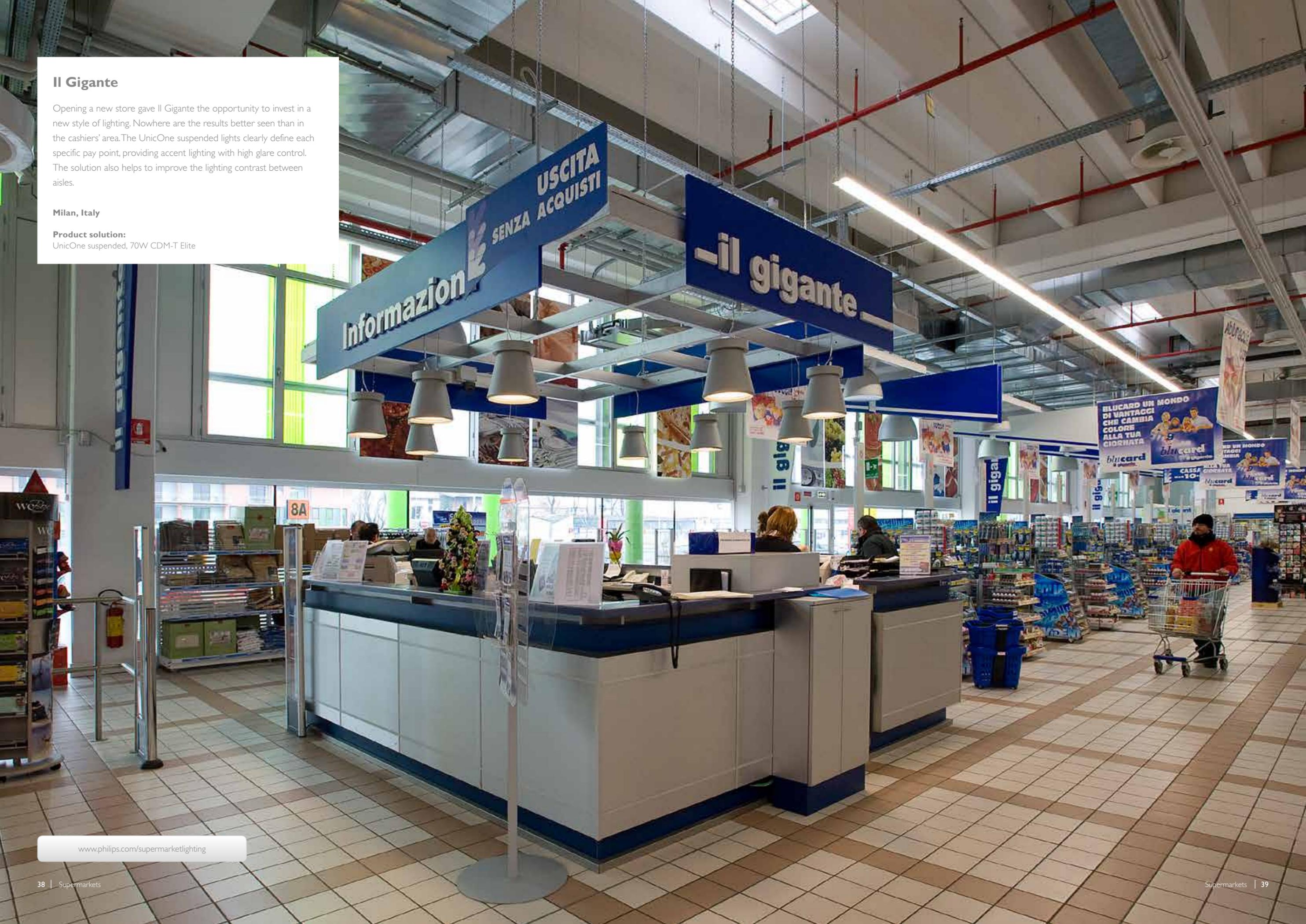
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Il Gigante

Opening a new store gave Il Gigante the opportunity to invest in a new style of lighting. Nowhere are the results better seen than in the cashiers' area. The UnicOne suspended lights clearly define each specific pay point, providing accent lighting with high glare control. The solution also helps to improve the lighting contrast between aisles.

Milan, Italy

Product solution:
UnicOne suspended, 70W CDM-T Elite



Scan the code and find out more about the project at Goodman



09. Warehouse and cold store

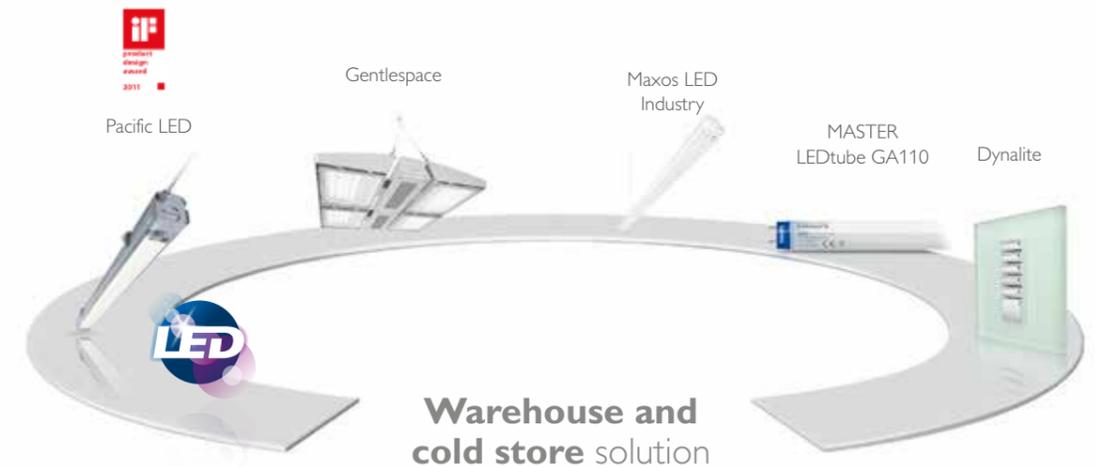
Your warehouse must be geared to high visibility, operational efficiency and, above all, safety. But that doesn't mean it has to be lit 24/7 and run up expensive energy bills. Our LED portfolio includes clever features like presence detection to save energy and cold store solutions that maintain their energy efficiency, even in extremely cold conditions.



Uniform lighting throughout the workplace is essential. Not only does it allow freedom and safety in storing and moving goods, it also provides the optimal working environment for personnel. You can easily save energy by dimming back the lights if there is no one in the warehouse. LEDs are also suitable for the cold store, offering high efficiency in cold environments. They feature instant light-up with no start-up time and have an extremely long lifespan.

Make your warehouse a comfortable environment for your employees. Provide the right light to make them perform their work with confidence. Our lighting solutions for warehouses comply with all norms for a safe work environment. And of course, our state-of-the-art solutions are energy efficient too.

This combination of lighting products will maximise visibility and efficiency in your warehouse



www.philips.com/supermarketlighting

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“Fresh food is the main attraction in any supermarket - and the fresher it looks the better. Now is the time to make the switch to LED lighting for general lighting, coolers & freezers and fresh food. Not only will it enhance your store experience and have a positive effect on the environment, the payback time is also extremely attractive. Make the switch today.”

Find out more at: www.philips.com/supermarketlighting

Philips has developed a complete LED portfolio for fresh food

Complete LED portfolio for fresh food				
	LED Rose	LED Authentic White	LED Champagne	LED Frost White
Meat	 Extra red enhancement	 Natural display, slightly enhancing the red		
Fruit and vegetables		 Natural display, slightly enhancing the red	 Extra warm atmosphere	
Cheese		 Natural display	 Yellow enhancement	
Bread and pastries			 Extra warm atmosphere	
Fish		 Natural display, slightly enhancing the red		 Cool enhancing the sparkle on ice

You can choose lighting effects as well as luminaires which best match your brand identity and optics

Spotlight				
	LED Rose	LED Authentic White	LED Champagne	LED Frost White
StyliD	✓	✓	✓	✓
ExactEffect	✓	✓	✓	✓

Recessed spot				
	LED Rose	LED Authentic White	LED Champagne	LED Frost White
LuxSpace Accent	✓	✓	✓	✓

Pendants & downlights				
	LED Rose	LED Authentic White	LED Champagne	LED Frost White
Fugato LED		✓	✓	✓
UnicOne LED	✓	✓	✓	✓
Food Pendant	✓	✓	✓	✓

Cooler & Freezer				
	LED Rose	LED Authentic White	LED Champagne	LED Frost White
Affinium LED	✓	✓		
InteGrade		✓		
Master LEDtube SA1	✓			
Master LEDtube SA2	✓			

Product overview

Philips has a complete range of lighting solutions for every supermarket application or lighting requirement.

Find out more at:
www.philips.com/catalog



01. Parking and façade



DecoFlood²

- Best-in-class optics and very good color mixing
- No glue, serviceable and sustainable
- Perfect integration with conventional DecoFlood² range



Koffer² LED Fortimo

- Efficient road lighting solution, upgradable to LED
- Constant Light Output functionality
- Smooth light output



MASTER LEDtube GA110

- Only 50% energy consumption compared to fluorescent tubes
- Retrofit to existing T8 lamps on EM ballast installations
- Unique safety in installation and application



eW/iW & ColorGraze Powercore

- Tunable from warm to cool white light
- Superior fixture consistency with Optimin[®]
- Energy efficient and easy to install

02. Fruits and vegetables



ExactEffect

- Dedicated LED accent solution for all supermarket applications; aisle, head of gondola and fresh food
- Reduce number of luminaires and save energy; special designed OVAL-optics for maximum luminaire spacing
- Available in all four fresh food variants



StyliD Performance Oval Optic

- High flux and powerful accent effects
- High quality LED accent lighting with a high lumen package due to dedicated reflector system and high CRI (90)
- Available in all four fresh food variants



LuxSpace Accent Oval Optic

- High flux and powerful accent effects
- High quality LED accent lighting with a high lumen package due to dedicated reflector system and high CRI (90)
- Available in all four fresh food variants



Food Pendant

- Specific color spectrum to enhance colors in fresh food
- No heat nor UV in the beam
- Available in all four fresh food variants: LED Rose, LED Authentic White, LED Champagne and LED Frost White



StoreFit

- Energy saving up to 30% compared to CDM
- Flexible offer: 3 archetypes, 3 colours, 3 beams



MASTERColour CDM Fresh

- Excellent colour enhancement (red, green, orange, blue)
- Cool fresh light
- 60% efficiency increase compared to existing SDW

03. Cheese, bread and pastries



ExactEffect

- Dedicated LED accent solution for all supermarket applications; aisle, head of gondola and fresh food
- Reduce number of luminaires and save energy; special designed OVAL-optics for maximum luminaire spacing
- Available in all four fresh food variants



StyliD Performance Oval Optic

- High flux and powerful accent effects
- High quality LED accent lighting with a high lumen package due to dedicated reflector system and high CRI (90)
- Available in all four fresh food variants



LuxSpace Accent Oval Optic

- High flux and powerful accent effects
- High quality LED accent lighting with a high lumen package due to dedicated reflector system and high CRI (90)
- Available in all four fresh food variants



Food Pendant

- Specific color spectrum to enhance colors in fresh food
- No heat nor UV in the beam
- Available in all four fresh food variants: LED Rose, LED Authentic White, LED Champagne and LED Frost White



MASTERColour CDM Warm

- Warm color temperature (2500 K)
- High lamp efficacy
- Excellent lumen maintenance (80% at 15,000 hours)



Dynalite

- Save up to 60% energy
- Presence detection, daylight dimming
- Sophisticated control, full system status

04. Meat and fish



ExactEffect

- Dedicated LED accent solution for all supermarket applications; aisle, head of gondola and fresh food
- Reduce number of luminaires and save energy; special designed OVAL-optics for maximum luminaire spacing
- Available in all four fresh food variants



StyliD Performance Oval Optic

- High flux and powerful accent effects
- High quality LED accent lighting with a high lumen package due to dedicated reflector system and high CRI (90)
- Available in all four fresh food variants



LuxSpace Accent Oval Optic

- High flux and powerful accent effects
- High quality LED accent lighting with a high lumen package due to dedicated reflector system and high CRI (90)
- Available in all four fresh food variants



Food Pendant

- Specific color spectrum to enhance colors in fresh food
- No heat nor UV in the beam
- Available in all four fresh food variants: LED Rose, LED Authentic White, LED Champagne and LED Frost White



LED Cooler module

- Slim design for closed-door coolers, quicker installation
- Saves up to 70% of energy
- Improved under-well modules by new cover with optic function



MASTERColour CDM Fresh

- Excellent colour enhancement (red, green, orange, blue)
- Cool fresh light
- 60% efficiency increase compared to existing SDW

05. Wine



ExactEffect

- Dedicated LED accent solution for all supermarket applications; aisle, head of gondola and fresh food
- Reduce number of luminaires and save energy; special designed OVAL-optics for maximum luminaire spacing
- Available in all four fresh food variants



StyliD Performance Oval Optic

- High flux and powerful accent effects
- High quality LED accent lighting with a high lumen package due to dedicated reflector system and high CRI (90)
- Available in all four fresh food variants



LuxSpace Accent Oval Optic

- High flux and powerful accent effects
- High quality LED accent lighting with a high lumen package due to dedicated reflector system and high CRI (90)
- Available in all four fresh food variants



iColor Cove MX Powercore

- Limitless choice of colors and full-color dynamic effects
- Flexible mounting and positioning
- Compatible with industry-leading controls



Dynalite

- Save up to 60% energy
- Presence detection, daylight dimming
- Sophisticated control, full system status

06. Freezers and coolers



InteGrade LED System

- Aesthetic integration of LED lighting; enables seamless light-lines with uniform light distribution
- Extremely energy efficient for savings of more than 54% (10 W compared to a 28 W T5 system)
- Slim design for closed-door coolers, quicker installation



MASTER LEDtube SA1

- Retrofit solution for TL lamps in open coolers
- Extremely energy efficient for savings of more than 54%
- High-tech optics: optimum uniformity and minimal glare



MASTER LEDtube SA2

- Retrofit solution for under-shelf lighting
- More than 75% energy savings compared to fluorescent
- Direct light at merchandise with rotating end-cap



Affinium LED Display Module LDM 421

- Enabled significant energy savings
- Integrated into the canopy of the cooler
- Module optics direct lighting vertically across the cabinet



Affinium LED Display Module LDM 422

- Excellent TCO with attractive payback times
- Uniform light distribution throughout the entire cabinet
- Aesthetic integration of slim modules into cabinets



Affinium LED Display Module LDM 400

- Suitable for vertical full-height glass-door freezers/coolers
- Enable considerable energy savings
- Two different lighting versions: Vision Plus and Value Plus

07. Aisles, promotional goods and shelves



ExactEffect

- Dedicated LED accent solution for all supermarket applications; aisle, head of gondola and fresh food
- Reduce number of luminaires and save energy; special designed OVAL-optics for maximum luminaire spacing
- Available in all four fresh food variants



Maxos LED Performer + ExactEffect

- Smooth and continuous line effect replacing up to 2x49W T5 with 7500 lumen
- Optimized beam for every application, glare control
- Energy savings up to 50% compared to conventional technology



Maxos LED Performer + StyliD

- Smooth and continuous line effect replacing up to 2x49W T5 with 7500 lumen
- Optimized beam for every application, glare control
- Energy savings up to 50% compared to conventional technology



Maxos LED Industry

- Up to 5500 lumen and 118lm/W for maximum energy savings
- Adds depth and sparkle to merchandise on display, with excellent glare control
- Upgrade an existing Maxos or TTX400 TL system to LED



LuxSpace

- Highly efficient, dimmable downlight
- Great light quality, stylish LED design
- Compact range of sizes, easy to install



Maxos LED

- Unique design for shop lighting, flexible and future proof
- Comfortable LED light in warm and neutral white
- Superior product illumination, especially on shelves



Dynalite

- Save up to 60% energy
- Presence detection, daylight dimming
- Sophisticated control, full system status

08. Checkout and cashier



Maxos LED Performer + StyliD

- Smooth and continuous line effect replacing up to 2x49W T5 with 7500 lumen
- Optimized beam for every application, glare control
- Energy savings up to 50% compared to conventional technology



SmartForm LED

- Ultra-flat luminaires with LED light source
- Combines best-in-class lighting with a clean, distinctive design
- Provides the ideal solution for every situation



Maxos LED Industry

- Up to 5500 lumen and 118lm/W for maximum energy savings
- Adds depth and sparkle to merchandise on display, with excellent glare control
- Upgrade an existing Maxos or TTX400 TL system to LED



LuxSpace

- Highly efficient, dimmable downlight
- Great light quality, stylish LED design
- Compact range of sizes, easy to install



Dynalite

- Save up to 60% energy
- Presence detection, daylight dimming
- Sophisticated control, full system status

09. Warehouse and cold store



Pacific LED

- Good quality IP66 waterproof luminaire
- Suitable for many applications
- Easy installation



Gentdespace

- Extremely energy-efficient energy savings of up to 40% compared to HPLP systems
- Serviceable LED engine
- Flat design for application flexibility



Maxos LED Industry

- Up to 5500 lumen and 118lm/W for maximum energy savings
- Adds depth and sparkle to merchandise on display, with excellent glare control
- Upgrade an existing Maxos or TTX400 TL system to LED



MASTER LEDtube GA110

- Only 50% energy consumption compared to fluorescent tubes
- Retrofit to existing T8 lamps on EM ballast installations
- Unique safety in installation and application



Dynalite

- Save up to 60% energy
- Presence detection, daylight dimming
- Sophisticated control, full system status