

# SPOT ON: SHOP LIGHTING FROM LEDVANCE



AS OF MARCH 2019



LEDVANCE is the licensee of product trademark OSRAM in general lighting

# GOOD FOR BUSINESS

## SHOP LUMINAIRES

### FROM LEDVANCE

The right shop lighting creates a relaxing atmosphere for customers, helps them find their way around the shop and displays merchandise to best effect. What's more, it delivers impressive energy efficiency, long life, low maintenance and great versatility. In short: light is an important factor for the revenue, economic efficiency and therefore the long-term success of a shop.



#### **OUR PRODUCTS – innovative, efficient and extensive**

- LED spotlights with excellent color rendering and brilliance for optimum merchandise presentation
- Modular LED trunking system for cost-effective illumination of large areas
- Everything from a single source: LED luminaires, intelligent light management systems and LED lamps

#### **OUR SERVICES – project-specific, competent and global**

- Lighting calculations and project management for shop lighting solutions
- Clever planning of LEDVANCE luminaires with DIALux and RELUX software
- International sales network for individual contacts around the globe

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## SEARCHING MADE EASY

Look out for these symbols  
and let us guide you.



**The challenge:**

Key aspects and lighting tasks you need to consider and resolve in this area.



**Our solution:**

Ideal shop luminaires from LEDVANCE for these requirements, including the most important advantages and technical data.



**Our highlight:**

Additional details, technical features, useful lighting knowledge, application tips and product information.



# MODERN SHOP LIGHTING: HIGH STANDARDS, MANY DIFFERENT KNOWING WHAT MATTERS...

The challenges for planning the lighting in retail areas are extremely diverse, complex and different in every shop. Behind successful shop lighting is technical know-how and application-based expertise. LEDVANCE supports you with tailored advice and modern lighting solutions.

## 1. EFFECTIVE SALES PROMOTION



- Attractive product and brand presentation
- Optimum adaptation of the lighting concept to the merchandise and shop situation through individual combinations of accent, general and effect lighting

## 2. FIND YOUR WAY AROUND



- Varied lighting design breaks up the space and guides customers
- Statutory safety lighting for emergencies

## 4. HIGH VISUAL COMFORT



# NT CHALLENGES

## 3. CRYSTAL-CLEAR DISPLAY



- Creating transparency through high levels of illuminance
- Exciting shop window displays through high-contrast accent lighting



- Avoiding glare for customers and employees: very good anti-glare properties and correct positioning of the luminaires
- Uniform vertical illumination for clear shelf areas

- Excellent color rendering (CRI > 90) and the correct color temperature bring out materials and colors to best effect
- Focused light through spot optics provides exciting accents



## 5. BRILLIANT PRESENTATION

- Modern durable LED technology and intelligent light management (for example daylight and presence sensors) provide high energy efficiency, low maintenance and low operating costs

## 6. ATTRACTIVE ECONOMY



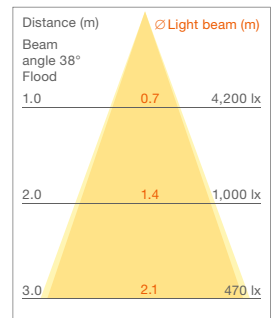
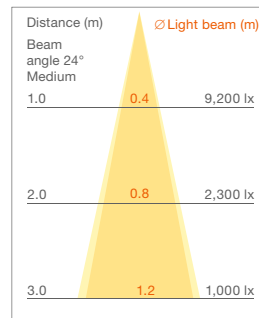
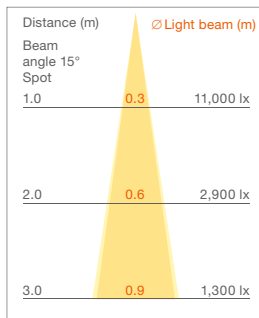


# A WINDOW ON THE WORLD

High illuminance levels attract more attention and create a clearer display. Accent and contrast lighting add depth and excitement, turning the shop window into a stage.



## SPOTLIGHT ON THE PRESENTATION



Three reflector optics for flexible accent lighting

EAN: 4058075113442,  
Tracklight Spot 25 W/3,000K,  
rounded measured values



## THE CHALLENGE:



### 1. Transparency:

- High illuminance levels avoid a mirror effect of the shop window; depends on ambient light

### 2. Excellent quality of light for the display:

- Spot lighting: highlights on the merchandise attract the attention of passers-by
- Excellent color rendering and brilliance
- Light color and beam angle matched to products and materials

### 3. Ideal positioning of the lighting:

- Flexible positioning of the spotlights for changing decorations
- Avoid steep illumination angles because of unfavorable shadows
- Foreground and background lighting creates depth; use rear wall for reflection



## OUR SOLUTION:



### LEDVANCE Tracklight Spot

#### Outstanding quality of light for merchandise presentation

- Excellent color rendering at CRI > 90
- Homogeneous light color: very good LED binning SDCM < 3
- Neutral white (4,000 K) and warm white versions (3,000 K)

#### High flexibility

- Replaceable reflectors: 15° Spot, 24° Medium and 38° Flood
- Rotating (0–350°) and swiveling (0–90°) track-mounted spotlight (3 phases), flexible positioning
- Various luminous flux values up to 4,200 lm (25/35/55 W outputs)

For product details  
see page 18

# STANDOUT LIGHTING: MERCHANDISE PRESEN- TATION IN SHOPS

Light sets the scene for the shopping experience – accent lighting highlights items on presentation surfaces and tables, directing the customer’s attention to the merchandise. This is how the right light can give you a competitive advantage.



## HIGHLIGHTING FOR SALE



Rotating and swiveling spotlights allow for flexible accentuation of the merchandise.



## THE CHALLENGE:

### 1. Presentation of the retail area:

- Adaptation of the lighting solution to the shop concept
- High-contrast accent lighting for a stimulating sales atmosphere

### 2. Flexible lighting:

- Adaptable track-mounted spotlights for changing settings and ranges

### 3. Outstanding product presentation:

- High illuminance on merchandise attracts attention
- Brilliant accents through narrow-beam spotlights
- Excellent color rendering
- Choice of light color matched to product quality



## OUR SOLUTION:

**Tracklight Spot: impressive functionality and attractive product design**

- Compact spotlight in the award-winning SCALE design in matt white, matt black and concrete grey
- High compatibility of the 3-phase adapter
- Great adaptability thanks to ability to rotate (0°– 350°) and swivel (0°– 90°), interchangeable reflectors (15°, 24° and 38°) and various luminous flux values: 1,750 lm to 4,200 lm
- Excellent quality of light and anti-glare properties: CRI > 90; SDCM < 3; UGR < 16



Tracklight Spot  
White



Tracklight Spot  
Grey



Tracklight Spot  
Black



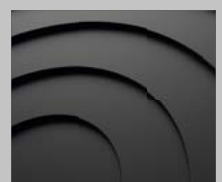
Tracklight Reflector

For product details  
see page 18



## AESTHETIC, INDIVIDUAL AND FUNCTIONAL: SCALE – OUR NEW DESIGN LANGUAGE

LEDVANCE stands for innovation. This innovation is manifested in our new SCALE design language which won the 2019 German Design Award. SCALE brings together ambitious design with a value that is noticeable in every creation – and ensures that the luminaire is a design product even when it's switched off.

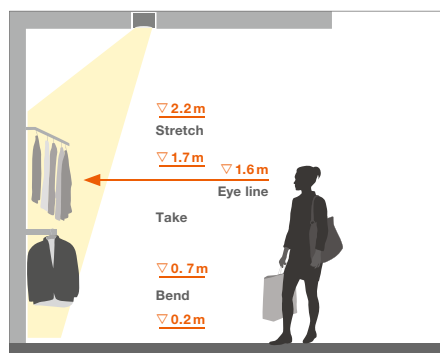


# GUIDING THE WAY: LIGHTING FOR WALKWAYS AND PERIPHERAL AREAS

Balanced general lighting and focused accent lighting –  
for easy orientation and good visual perception in the retail area.



## ORIENTATION AND OPTIMUM PERCEPTION



### ILLUMINATION OF SHELVING

- Guide value: distance between the light source and shelf corresponds to about one third of the room height
- In the peripheral areas, swiveling downlights are suitable for product presentation



## THE CHALLENGE:



- 1. Orientation in the shop:**  
zoning of the shop by means of light;  
separate light points for walkways and  
crossing points
- 2. Room layout:** create depth by  
illuminating peripheral areas and vertical  
areas/walls
- 3. Wall lighting:** full illumination of the walls,  
no shadows on the merchandise
- 4. Balanced general lighting:** regular  
arrangement of wide-beam luminaires

## OUR SOLUTION:



**Flexible all-round spotlights that combine general and accent lighting (depending on the swivel).**

### LEDVANCE Spot Vario

- Versatile swiveling spotlight: 0° – 35°/  
Rotating: 0° – 350°
- Very high efficiency (up to 100 lm/W)

### LEDVANCE Spot Square Adjust

- Direct replacement for halogen spotlights (75 W)
- Decorative square-shaped spotlight with a very narrow frame
- Luminaire head can be swiveled through +/- 25° with 30° cut-off

### LEDVANCE Spot Multi

- Cassette spotlight with one, two or three luminaire heads
- Light alignment through cardan joints with a tilt of +/- 25°
- Pleasant light with excellent anti-glare properties (UGR < 16)
- High luminous flux values with up to 3 x 2,700 lm



Spot Vario



Spot Square Adjust



Spot Multi

For product details  
see page 19



## CHECK IT OUT!

Checkouts and counters are workplaces – and are nowadays often also highly modern screen-based workstations. Therefore, according to DIN EN 12464-1 they need to be illuminated with a minimum of 500 lux and UGR < 19 to ensure bright light with low glare.

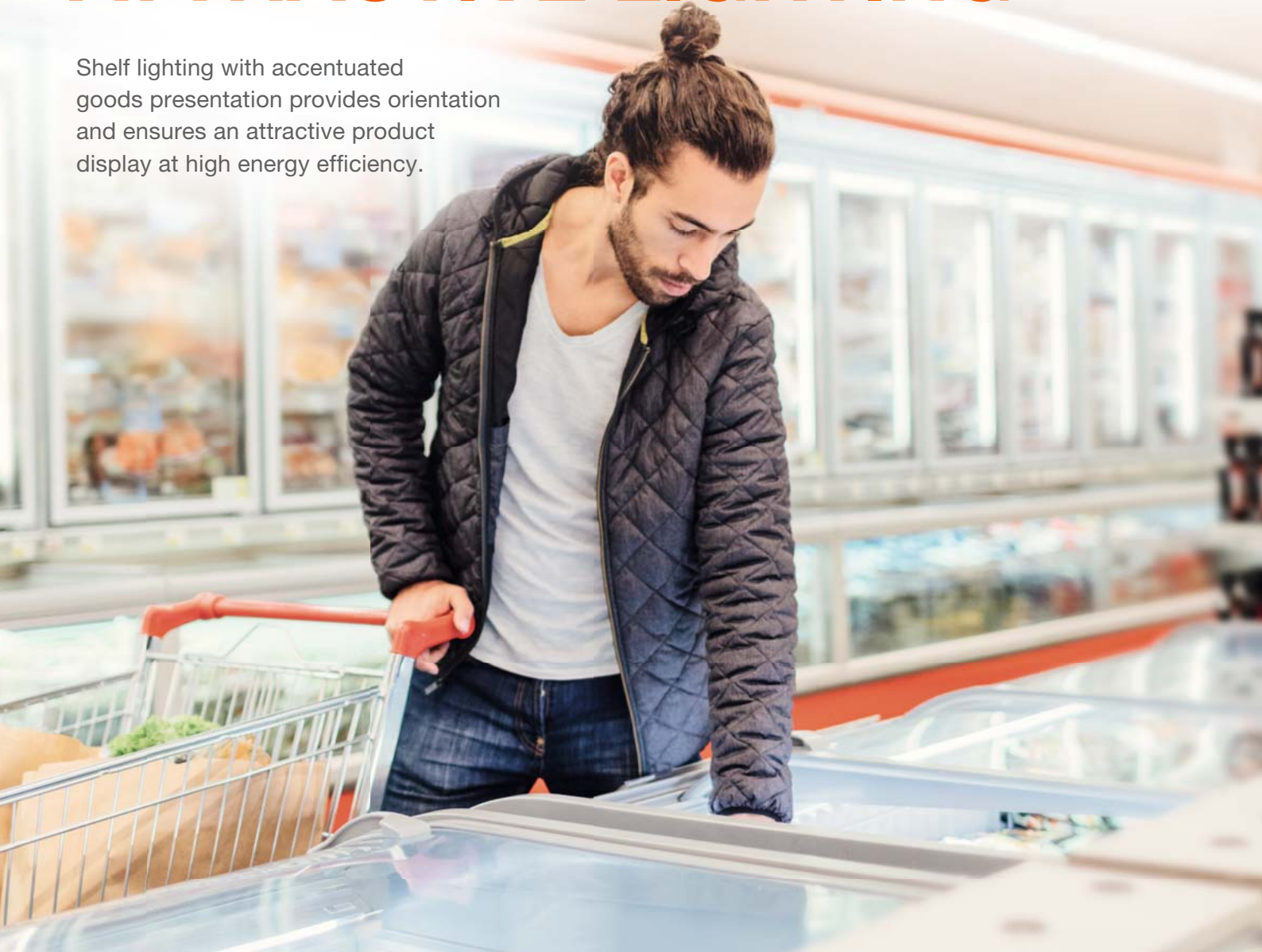
**The LEDVANCE Spot Multi meets this lighting requirement.**





# SUPERMARKET: EFFICIENT AND ATTRACTIVE LIGHTING

Shelf lighting with accentuated goods presentation provides orientation and ensures an attractive product display at high energy efficiency.



## ALWAYS IN THE RIGHT LIGHT



**ASYMMETRICAL**  
The oblique beam angle can be used to highlight walls and shelves, accentuate advertising images and shine the light in a particular direction.



**DOUBLE ASYMMETRICAL**  
The double asymmetrical light distribution is recommended for uniform double-sided shelf lighting in walkways.

## THE CHALLENGE:

- 1. Arrangement:** continuous lighting systems parallel to the shelves for more efficient lighting, lower power consumption and therefore lower operating costs
- 2. Lighting focus:** the goods are brightly lit, and the walkways and traffic areas fade into the background
- 3. Sales support:** product presentation and overview through light distribution matched to shelf geometry and goods placement

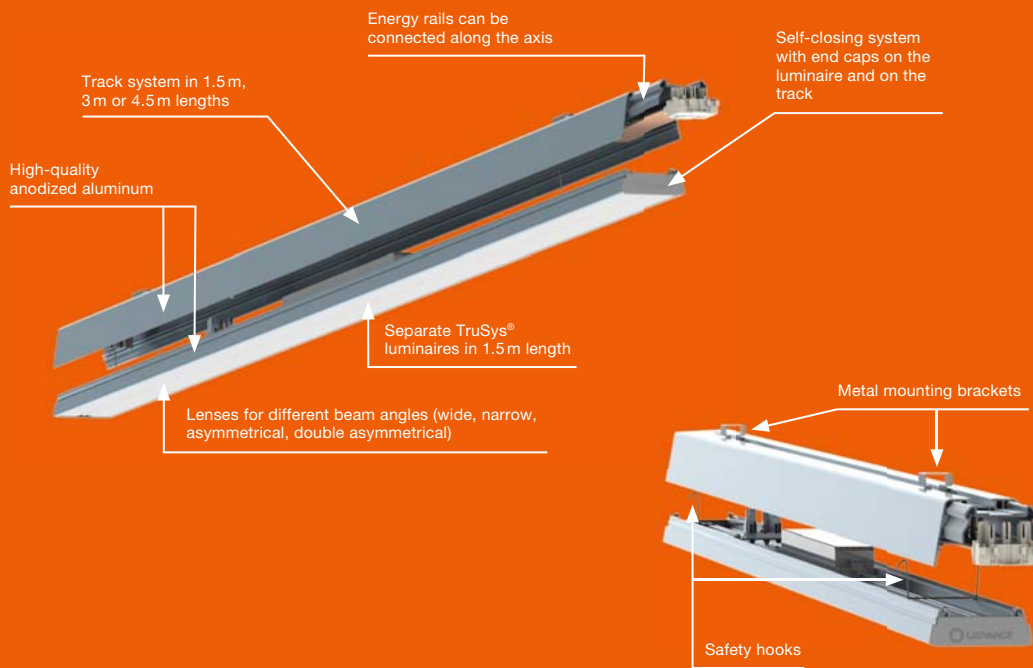


## OUR SOLUTION:



LEDVANCE TruSys®

High-intensity, efficient and versatile LED trunking system for varied and modern goods presentations at particularly high energy and cost efficiency.



For product details  
see page 20/21



# HARDWARE STORES: HIGH ROOMS, HIGH LUMINOUS FLUX

A special challenge – in high-ceiling rooms and high-bay shelving you don't only need deep-beam luminaires but also sufficient vertical brightness which accentuates the goods on the shelves.



## UNIFORM ILLUMINATION FOR GOOD VISIBILITY



**WIDE**  
The wide beam angle is particularly suitable for the homogeneous illumination of high rooms.



**NARROW**  
The narrow beam angle is ideal for high-bay warehouses with narrow aisles.



## THE CHALLENGE:



1. **Flexibility:** a constant change in the presentation of goods requires flexible lighting concepts
2. **Distribution of light:** high light points up to 5–6m require deep-beam and high-intensity luminaires. At the same time, in narrow aisles both the goods on the shelves and the pathways have to be well lit
3. **Positioning:** uniform basic brightness through continuous lighting systems mounted in the middle of the aisles, which also highlight the products on all the shelves
4. **Attention:** goods lighting with sufficiently vertical illuminance



## OUR SOLUTION:



**LED trunking system with high lumen packages in numerous versions for high-intensity, efficient and flexible lighting.**

### LEDVANCE TruSys®

- High luminous flux of up to 7,200 lumen
- Luminous efficacy of up to 135 lm/W
- Different color temperatures: 3,000 K, 4,000 K, 6,500 K
- Very quick and simple luminaire installation thanks to click system
- Internal luminaire holders simplify the installation even further
- High-quality design thanks to built-in mounting brackets and continuous lens technology

Various beam angles also enable particularly focused and effective lighting for different room requirements, product ranges and presentation systems.

**For product details see page 20/21**



## EFFICIENCY CALCULATOR

The performance of a luminaire is shown in the operating costs. You can see from this real-life example how much energy can be saved.

Hours burned per day: 10 h  
 Operating days per year: 300  
 Electricity costs: EUR 0.20 kW/h

Type	Luminaire with 2 x 54 W T5 fluorescent lamps	TruSys LED 53 W 4 000 K
Number of luminaires	100	100
Lumen per luminaire	7,100 lm	7,200 lm
System wattage of the luminaire (incl. power loss of the control gear)	115 W	53 W
System wattage of all luminaires	11.5 kW	5.3 kW
Energy costs/year (EUR)	EUR 6,900	EUR 3,180
Energy savings/year (EUR)		EUR 3,720
<b>Energy savings in %</b>		<b>53.91 %</b>



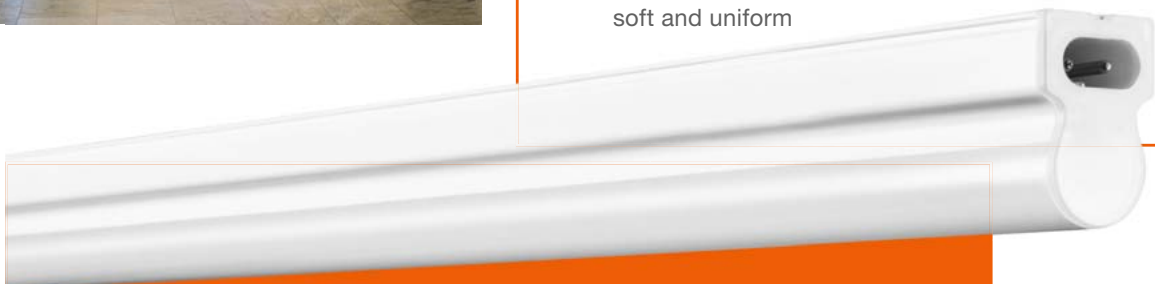
# SUBTLE BEAUTY: COVES

Attractive highlighting through subtle indirect lighting – with linear light all around.

## THE CHALLENGE:



- Adaptation of lighting strip to the architecture of the room
- Create indirect lighting: ideally, luminaires hidden in recesses or protrusions should not be visible from any viewing angle
- Little available space requires compact luminaire dimensions
- Required photometric properties: soft and uniform



## OUR SOLUTION:

Seamless lighting strips with up to ten luminaires and small space requirements thanks to compact dimensions and a simple plug system.

### LEDVANCE Linear Compact

- Available in three versions: Switch (with built-in switch), High Output and Batten featuring rear wiring
- Low flicker thanks to special electronic control gear
- Complete installation and connection accessories included with the luminaires



For product details see page 22

## SEAMLESS LIGHT

With the Linear Compact models you can create seamless strip lighting with up to ten luminaires with translucent end caps. The “Linear Compact Batten” luminaire can be used as the initial luminaire in strip lighting. This can be expanded with the “High Output” or “Switch” models as required. The result: uninterrupted strip lights without any visible wiring.



# GUIDING THE WAY: EMERGENCY LIGHTING



Emergency lighting helps you find your way around and safely leave the building.

## THE CHALLENGE:



- Task: allow people to safely leave the building in the event of a power failure
- Adequate emergency lighting is mandatory for public buildings and many workplaces – but also for shops, hotels, cultural facilities, medical institutions and high-rise buildings

## OUR SOLUTION:



Emergency lighting for escape routes and anti-panic lighting.

### LEDVANCE Emergency Downlight

- Simple planning and installation as a recessed or surface-mounted luminaire (using surface mounting frame) with a built-in battery and driver
- High luminous flux (up to 335 lm) and optimized light distribution
- Easy maintenance with automatic test function or integrated test switch
- Rugged design with IP43 and IK07



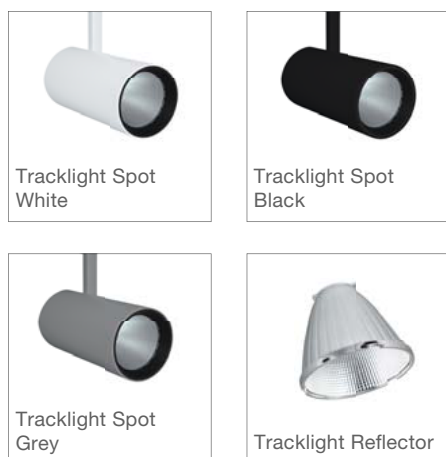
For product details see page 21



# TECHNICAL DATA

All the LED luminaires from LEDVANCE are equipped with high-quality LED modules of the highest energy efficiency classes (A, A+ and A++). Energy efficiency class (EEC) on a scale from A++ (highest efficiency) to E (lowest efficiency). The luminaires contain built-in LED modules. They cannot be replaced.

All the following values for the IP and IK protection classes apply exclusively to luminaires (excl. accessories).



## LEDVANCE TRACKLIGHT SPOT

Ideal for use in shop windows and for accentuating merchandise displays in shops; for more information about the product see pages 06–09



Product-name	GTIN	Replacement for <sup>2</sup>	lm	lm/W		L70/B50 <sup>3</sup>	L80/B50 <sup>4</sup>	L90/B50 <sup>5</sup>	Ø x H [mm]
<b>TRACKLIGHT SPOT WHITE</b>									
NEW TRACK SP D75 25W/3000K 90RA NFL WT	4058075113442	35 W HID	1750	70	24	50000	45000	30000	75 x 255
NEW TRACK SP D75 25W/4000K 90RA NFL WT	4058075113466	35 W HID	1900	75	24	50000	45000	30000	75 x 255
NEW TRACK SP D85 35W/3000K 90RA NFL WT	4058075113480	50 W HID	2660	75	24	50000	45000	30000	85 x 267
NEW TRACK SP D85 35W/4000K 90RA NFL WT	4058075113503	50 W HID	2800	80	24	50000	45000	30000	85 x 267
NEW TRACK SP D95 55W/3000K 90RA NFL WT	4058075113527	70 W HID	4000	75	24	50000	45000	30000	95 x 297
NEW TRACK SP D95 55W/4000K 90RA NFL WT	4058075113541	70 W HID	4200	75	24	50000	45000	30000	95 x 297
<b>TRACKLIGHT SPOT BLACK</b>									
NEW TRACK SP D75 25W/3000K 90RA NFL BK	4058075113565	35 W HID	1750	70	24	50000	45000	30000	75 x 255
NEW TRACK SP D75 25W/4000K 90RA NFL BK	4058075113589	35 W HID	1900	75	24	50000	45000	30000	75 x 255
NEW TRACK SP D85 35W/3000K 90RA NFL BK	4058075113602	50 W HID	2660	75	24	50000	45000	30000	85 x 267
NEW TRACK SP D85 35W/4000K 90RA NFL BK	4058075113626	50 W HID	2800	80	24	50000	45000	30000	85 x 267
NEW TRACK SP D95 55W/3000K 90RA NFL BK	4058075113640	70 W HID	4000	75	24	50000	45000	30000	95 x 297
NEW TRACK SP D95 55W/4000K 90RA NFL BK	4058075113664	70 W HID	4200	75	24	50000	45000	30000	95 x 297
<b>TRACKLIGHT SPOT GREY</b>									
NEW TRACK SP D75 25W/3000K 90RA NFL GY	4058075113688	35 W HID	1750	70	24	50000	45000	30000	75 x 255
NEW TRACK SP D75 25W/4000K 90RA NFL GY	4058075113701	35 W HID	1900	75	24	50000	45000	30000	75 x 255
NEW TRACK SP D85 35W/3000K 90RA NFL GY	4058075113725	50 W HID	2660	75	24	50000	45000	30000	85 x 267
NEW TRACK SP D85 35W/4000K 90RA NFL GY	4058075113749	50 W HID	2800	80	24	50000	45000	30000	85 x 267
NEW TRACK SP D95 55W/3000K 90RA NFL GY	4058075113763	70 W HID	4000	75	24	50000	45000	30000	95 x 297
NEW TRACK SP D95 55W/4000K 90RA NFL GY	4058075113787	70 W HID	4200	75	24	50000	45000	30000	95 x 297
<b>TRACKLIGHT REFLECTOR</b>									
NEW TRACK SP REFLECTOR D75 SP	4058075113800	—	—	—	15	—	—	—	63 x 53
NEW TRACK SP REFLECTOR D75 FL	4058075113824	—	—	—	38	—	—	—	63 x 53
NEW TRACK SP REFLECTOR D85 SP	4058075113848	—	—	—	15	—	—	—	75 x 63
NEW TRACK SP REFLECTOR D85 FL	4058075113862	—	—	—	38	—	—	—	75 x 63
NEW TRACK SP REFLECTOR D95 SP	4058075113886	—	—	—	15	—	—	—	82 x 69
NEW TRACK SP REFLECTOR D95 FL	4058075113909	—	—	—	38	—	—	—	82 x 69

<sup>1</sup> Refer to [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee) for precise conditions | <sup>2</sup> Replacement for traditional equivalent | <sup>3</sup> t[h]: L70 @ 25 °C (T<sub>a</sub>) | <sup>4</sup> t[h]: L80 @ 25 °C (T<sub>a</sub>) | <sup>5</sup> t[h]: L90 @ 25 °C (T<sub>a</sub>)



Spot Vario

### LEDVANCE SPOT VARIO

Ideal for general and accent lighting in shops;  
for more information about the product see pages 10/11



Product-name	GTIN	Replacement for <sup>2</sup>	lm	lm/W		L70/B50 <sup>3</sup>	L80/B50 <sup>4</sup>	L90/B50 <sup>5</sup>	Ø x H [mm]	Cutout Ø [mm]
<b>SPOT VARIO</b>										
NEW SP VARIO DN170 35W/3000K 24DEG WT	4058075104020	1 x 70 W HID	3350	95	24	50000	45000	30000	180 x 129	165
NEW SP VARIO DN170 35W/4000K 24DEG WT	4058075104044	1 x 70 W HID	3550	100	24	50000	45000	30000	180 x 129	165



Spot Multi 1 x 30 W



Spot Multi 2 x 30 W



Spot Multi 3 x 30 W

### LEDVANCE SPOT MULTI

Ideal for general and accent lighting in shops;  
for more information about the product see pages 10/11



Product-name	GTIN	Replacement for <sup>2</sup>	lm	lm/W		L70/B50 <sup>3</sup>	L80/B50 <sup>4</sup>	L90/B50 <sup>5</sup>	L x W x H [mm]	Cutout L x B [mm]
<b>SPOT MULTI</b>										
NEW SP MULTI 1 x 30W/3000K FL WT/BK	4058075113923	1 x 35 W HID	2700	90	38	50000	45000	30000	173 x 173 x 135	164 x 160
NEW SP MULTI 1 x 30W/4000K FL WT/BK	4058075113947	1 x 35 W HID	2700	90	38	50000	45000	30000	173 x 173 x 135	164 x 160
NEW SP MULTI 2 x 30W/3000K FL WT/BK	4058075113961	2 x 35 W HID	2 x 2700	90	38	50000	45000	30000	330 x 173 x 135	320 x 160
NEW SP MULTI 2 x 30W/4000K FL WT/BK	4058075113985	2 x 35 W HID	2 x 2700	90	38	50000	45000	30000	330 x 173 x 135	320 x 160
NEW SP MULTI 3 x 30W/3000K FL WT/BK	4058075114005	3 x 35 W HID	3 x 2700	90	38	50000	45000	30000	485 x 173 x 135	475 x 160
NEW SP MULTI 3 x 30W/4000K FL WT/BK	4058075114029	3 x 35 W HID	3 x 2700	90	38	50000	45000	30000	485 x 173 x 135	475 x 160



Spot Square Adjust WT



Spot Square Adjust BK

### LEDVANCE SPOT SQUARE ADJUST

Ideal for general and accent lighting in shops;  
for more information about the product see pages 10/11



Product-name	GTIN	Replacement for <sup>2</sup>	lm	lm/W		L70/B50 <sup>3</sup>	L80/B50 <sup>4</sup>	L90/B50 <sup>5</sup>	L x W x H [mm]	Cutout L x B [mm]
<b>SPOT SQUARE ADJUST</b>										
NEW SP SQUARE DK ADJ 8W/3000K FL WT	4058075114043	75 W HAL	650	90	36	50000	45000	30000	90 x 90 x 72	83 x 83
NEW SP SQUARE DK ADJ 8W/3000K FL BK	4058075114067	75 W HAL	650	90	36	50000	45000	30000	90 x 90 x 72	83 x 83

<sup>1</sup> Refer to [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee) for precise conditions | <sup>2</sup> Replacement for traditional equivalent | <sup>3</sup> t[h]: L70 @ 25°C (T<sub>a</sub>) | <sup>4</sup> t[h]: L80 @ 25°C (T<sub>a</sub>) | <sup>5</sup> t[h]: L90 @ 25°C (T<sub>a</sub>)

# TECHNICAL DATA



## LEDVANCE TRUSYS® & TRUSYS® DALI

Ideal for use in supermarkets and hardware stores; for more information about the product see pages 12 – 15



Product-name	GTIN	Replacement for <sup>2</sup>	lm	lm/W		L70/B50 <sup>3</sup>	L80/B50 <sup>4</sup>	L90/B50 <sup>5</sup>	L x W x H [mm]	
<b>TRUSYS®</b>										
NEW TRUSYS® LED 53W 3000K W SI	4058075100459	2 x 80 W FL	6600	125	105	75000	50000	35000	1534 x 71 x 53	—
NEW TRUSYS® LED 53W 4000K W SI	4058075100473	2 x 80 W FL	7200	135	105	75000	50000	35000	1534 x 71 x 53	—
NEW TRUSYS® LED 53W 6500K W SI	4058075100497	2 x 80 W FL	6900	130	105	75000	50000	35000	1534 x 71 x 53	—
NEW TRUSYS® LED 53W 3000K NFL SI	4058075100510	2 x 80 W FL	6200	115	25	75000	50000	35000	1534 x 71 x 53	—
NEW TRUSYS® LED 53W 4000K NFL SI	4058075100534	2 x 80 W FL	6700	125	25	75000	50000	35000	1534 x 71 x 53	—
NEW TRUSYS® LED 53W 6500K NFL SI	4058075100558	2 x 80 W FL	6500	125	25	75000	50000	35000	1534 x 71 x 53	—
NEW TRUSYS® LED 53W 3000K WW SI	4058075100572	2 x 80 W FL	5700	110	45	75000	50000	35000	1534 x 71 x 53	—
NEW TRUSYS® LED 53W 4000K WW SI	4058075100596	2 x 80 W FL	6300	120	45	75000	50000	35000	1534 x 71 x 53	—
NEW TRUSYS® LED 53W 6500K WW SI	4058075100619	2 x 80 W FL	6100	115	45	75000	50000	35000	1534 x 71 x 53	—
NEW TRUSYS® LED 53W 3000K DA SI	4058075100633	2 x 80 W FL	6400	120	2 x 35	75000	50000	35000	1534 x 71 x 53	—
NEW TRUSYS® LED 53W 4000K DA SI	4058075100657	2 x 80 W FL	6900	130	2 x 35	75000	50000	35000	1534 x 71 x 53	—
NEW TRUSYS® LED 53W 6500K DA SI	4058075100671	2 x 80 W FL	6700	125	2 x 35	75000	50000	35000	1534 x 71 x 53	—
<b>TRUSYS® DALI</b>										
NEW TRUSYS® LED DALI 53W 3000K W SI	4058075102460	2 x 80 W FL	6600	125	105	75000	50000	35000	1534 x 71 x 53	✓
NEW TRUSYS® LED DALI 53W 4000K W SI	4058075102484	2 x 80 W FL	7200	135	105	75000	50000	35000	1534 x 71 x 53	✓
NEW TRUSYS® LED DALI 53W 6500K W SI	4058075102507	2 x 80 W FL	6900	130	105	75000	50000	35000	1534 x 71 x 53	✓
NEW TRUSYS® LED DALI 53W 3000K NFL SI	4058075102521	2 x 80 W FL	6200	115	25	75000	50000	35000	1534 x 71 x 53	✓
NEW TRUSYS® LED DALI 53W 4000K NFL SI	4058075102545	2 x 80 W FL	6700	125	25	75000	50000	35000	1534 x 71 x 53	✓
NEW TRUSYS® LED DALI 53W 6500K NFL SI	4058075102569	2 x 80 W FL	6500	125	25	75000	50000	35000	1534 x 71 x 53	✓
NEW TRUSYS® LED DALI 53W 3000K WW SI	4058075102583	2 x 80 W FL	5700	110	45	75000	50000	35000	1534 x 71 x 53	✓
NEW TRUSYS® LED DALI 53W 4000K WW SI	4058075102606	2 x 80 W FL	6300	120	45	75000	50000	35000	1534 x 71 x 53	✓
NEW TRUSYS® LED DALI 53W 6500K WW SI	4058075102620	2 x 80 W FL	6100	115	45	75000	50000	35000	1534 x 71 x 53	✓
NEW TRUSYS® LED DALI 53W 3000K DA SI	4058075102644	2 x 80 W FL	6400	120	2 x 35	75000	50000	35000	1534 x 71 x 53	✓
NEW TRUSYS® LED DALI 53W 4000K DA SI	4058075102668	2 x 80 W FL	6900	130	2 x 35	75000	50000	35000	1534 x 71 x 53	✓
NEW TRUSYS® LED DALI 53W 6500K DA SI	4058075102682	2 x 80 W FL	6700	125	2 x 35	75000	50000	35000	1534 x 71 x 53	✓

W: Wide (90°), NFL: Narrow Flood (beam angle), DA: Double asymmetrical (Shelf Beam), WW: Wallwasher (= asymmetrical)



## LEDVANCE EMERGENCY EXIT SIGN

- Safety sign in accordance with EN 60598-1:2015 and EN 60598-2-22:2014
- Compact aluminum luminaire housing
- 4 pictograms (ISO 7010) and white foil included with each luminaire
- High homogeneous brightness in accordance with DIN 4844-1
- For more information about the product go to page 17



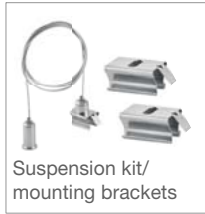
Product-name	GTIN	Battery operating time	Test function	Operating mode	Battery technology	L x W x H [mm]
<b>EMERGENCY EXIT SIGN</b>						
NEW EM SIGN HB 27M 3/8H AT	4058075144484	3 h/8 h	Automatic	Permanent/standby circuit	LiFePO4	274 x 40 x 195
<b>EMERGENCY EXIT SIGN ACCESSORIES</b>						
NEW EM SIGN HB 27M WALL BRACKET	4058075144507	—	—	—	—	274 x 42 x 62
NEW EM SIGN HB 27M FLAG BRACKET	4058075144521	—	—	—	—	290 x 40 x 76
NEW EM SIGN HB 27M SUSPENSION POLE KIT	4058075144545	—	—	—	—	274 x 40 x 387
NEW EM SIGN HB 27M SUSPENSION CHAIN KIT	4058075144569	—	—	—	—	274 x 40 x 2087
NEW EM SIGN HB 27M RECESSED FRAME	4058075144583	—	—	—	—	359 x 60 x 60

<sup>1</sup> Refer to [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee) for precise conditions | <sup>2</sup> Replacement for traditional equivalent | <sup>3</sup> t[h]: L70 @ 25°C (T<sub>a</sub>) | <sup>4</sup> t[h]: L80 @ 25°C (T<sub>a</sub>) | <sup>5</sup> t[h]: L90 @ 25°C (T<sub>a</sub>)  
<sup>6</sup> Dimmable with DALI Interface, for lighting controls





End caps/electrical connectors



Suspension kit/mounting brackets

### LEDVANCE TRUSYS® ENERGY RAIL & ACCESSORIES

- Power rails for TruSyS® luminaires in 1.5 m, 3.0m and 4.5m
- Torsion-resistant anodized aluminum rails
- Other accessories available: mounting solutions, end caps, blind covers, electrical connectors



Product-name	GTIN	Replacement for <sup>2</sup>	lm	lm/W		L70/B50 <sup>3</sup>	L80/B50 <sup>4</sup>	L90/B50 <sup>5</sup>	L x W x H [mm] L [mm]
<b>TRUSYS® ENERGY RAIL</b>									
NEW TRUSYS® ENERGY RAIL 1500 5 x 2.5	4058075100299	—	—	—	—	—	—	—	1535 x 67 x 44
NEW TRUSYS® ENERGY RAIL 3000 5 x 2.5	4058075100312	—	—	—	—	—	—	—	3068 x 67 x 44
NEW TRUSYS® ENERGY RAIL 4500 5 x 2.5	4058075100336	—	—	—	—	—	—	—	4601 x 67 x 44
NEW TRUSYS® ENERGY RAIL 1500 7 x 2.5	4058075103450	—	—	—	—	—	—	—	1370 x 67 x 44
NEW TRUSYS® ENERGY RAIL 3000 7 x 2.5	4058075103474	—	—	—	—	—	—	—	3070 x 67 x 44
NEW TRUSYS® ENERGY RAIL 4500 7 x 2.5	4058075103498	—	—	—	—	—	—	—	4605 x 67 x 44
<b>TRUSYS® ENERGY RAIL ACCESSORIES</b>									
NEW TRUSYS® SUSPENSION KIT 3000	4058075100350	—	—	—	—	—	—	—	3000
NEW TRUSYS® CHAIN KIT	4058075100374	—	—	—	—	—	—	—	3000
NEW TRUSYS® MOUNTING BRACKETS	4058075100435	—	—	—	—	—	—	—	30 x 20 x 15
NEW TRUSYS® BLIND COVER 1500	4058075100398	—	—	—	—	—	—	—	1534 x 67 x 12
NEW TRUSYS® ENDCAP ENERGY RAIL	4058075100411	—	—	—	—	—	—	—	12 x 67 x 47
NEW TRUSYS® ELECTRICAL CONNECTOR 5 x 2.5	4058075155565	—	—	—	—	—	—	—	42.2 x 40.5 x 28.6
NEW TRUSYS® ELECTRICAL CONNECTOR 7 x 2.5	4058075155589	—	—	—	—	—	—	—	42.2 x 40.5 x 28.6



Escape route



Anti-panic



Surface mounting kit

### EMERGENCY LIGHTING

- Product range for escape routes and anti-panic lighting in accordance with EN 60598-1:2015 and EN 60598-2-22:2014
- Recessed or surface-mounted luminaire with a built-in battery and driver
- Easy maintenance with automatic test function or integrated test switch
- For more information about the product go to page 17



Product-name	GTIN	lm	Battery operating time	Testfunction	Operating mode	Battery-Technology	Ø x H [mm]	Cutout Ø [mm]
<b>EMERGENCY DOWNLIGHT</b>								
NEW EM DL DN120 HO AT 3H ANTIPANIC	4058075124554	335	3 h	Automatic	Standby circuit	NiMH	140 x 48.5	120
NEW EM DL DN120 HO AT 3H ESCAPE	4058075124578	335	3 h	Automatic	Standby circuit	NiMH	140 x 48.5	120
NEW EM DL DN120 MT 3H ANTIPANIC	4058075124516	235	3 h	Manual	Permanent/standby circuit	NiMH	140 x 48.5	120
NEW EM DL DN120 MT 3H ESCAPE	4058075124530	235	3 h	Manual	Permanent/standby circuit	NiMH	140 x 48.5	120
<b>EMERGENCY DOWNLIGHT ACCESSORIES</b>								
NEW EM DL SURFACE MOUNT KIT	4058075124592	—	—	—	—	—	140 x 48.5	—

<sup>1</sup> Refer to www.ledvance.com/guarantee for precise conditions | <sup>2</sup> Replacement for traditional equivalent | <sup>3</sup> t[h]: L70 @ 25°C (T<sub>a</sub>) | <sup>4</sup> t[h]: L80 @ 25°C (T<sub>a</sub>) | <sup>5</sup> t[h]: L90 @ 25°C (T<sub>a</sub>)

# TECHNICAL DATA



## LEDVANCE LINEAR COMPACT

Ideal for use in cove lighting;  
for more information about  
the product see page 16



Product-name	GTIN	Replace-ment for <sup>2</sup>	lm	lm/W		L70/B50 <sup>3</sup>	L80/B50 <sup>4</sup>	L90/B50 <sup>5</sup>	L x W x H [mm]
<b>LINEAR COMPACT SWITCH (WITH BUILT-IN SWITCH)</b>									
LN COMP SWITCH 300 4W/3000K	4058075106079	1 x 9W T8	400	100	140	50000	40000	30000	313 x 28 x 36
LN COMP SWITCH 300 4W/4000K	4058075106093	1 x 9W T8	450	110	140	50000	40000	30000	313 x 28 x 36
LN COMP SWITCH 600 8W/3000K	4058075106116	1 x 18W T8	800	100	140	50000	40000	30000	573 x 28 x 36
LN COMP SWITCH 600 8W/4000K	4058075106130	1 x 18W T8	800	100	140	50000	40000	30000	573 x 28 x 36
LN COMP SWITCH 900 12W/3000K	4058075106192	1 x 30W T8	1200	100	140	50000	40000	30000	873 x 28 x 36
LN COMP SWITCH 900 12W/4000K	4058075106215	1 x 30W T8	1200	100	140	50000	40000	30000	873 x 28 x 36
LN COMP SWITCH 1200 14W/3000K	4058075106154	1 x 36W T8	1400	100	140	50000	40000	30000	1173 x 28 x 36
LN COMP SWITCH 1200 14W/4000K	4058075106178	1 x 36W T8	1500	100	140	50000	40000	30000	1173 x 28 x 36
<b>LINEAR COMPACT HIGH OUTPUT (WITHOUT SWITCH)</b>									
LN COMP HO 600 10W/3000K	4058075106277	1 x 18W T8	1000	100	140	50000	40000	30000	573 x 24 x 36
LN COMP HO 600 10W/4000K	4058075106291	1 x 18W T8	1000	100	140	50000	40000	30000	573 x 24 x 36
LN COMP HO 900 15W/3000K	4058075106239	1 x 30W T8	1500	100	140	50000	40000	30000	873 x 24 x 36
LN COMP HO 900 15W/4000K	4058075106253	1 x 30W T8	1500	100	140	50000	40000	30000	873 x 24 x 36
LN COMP HO 1200 20W/3000K	4058075106314	1 x 36W T8	2000	100	140	50000	40000	30000	1173 x 24 x 36
LN COMP HO 1200 20W/4000K	4058075106338	1 x 36W T8	2000	100	140	50000	40000	30000	1173 x 24 x 36
LN COMP HO 1500 25W/3000K	4058075106352	1 x 58W T8	2500	100	140	50000	40000	30000	1473 x 24 x 36
LN COMP HO 1500 25W/4000K	4058075106376	1 x 58W T8	2500	100	140	50000	40000	30000	1473 x 24 x 36
<b>LINEAR COMPACT BATTEN (WITH REAR WIRING)</b>									
<b>NEW</b> LN COMP Batten 600 10W/3000K	4058075099692	1 x 18W T8	1000	100	140	50000	40000	30000	575 x 27 x 38
<b>NEW</b> LN COMP Batten 600 10W/4000K	4058075099715	1 x 18W T8	1000	100	140	50000	40000	30000	575 x 27 x 38
<b>NEW</b> LN COMP Batten 1200 20W/3000K	4058075099739	1 x 36W T8	2000	100	140	50000	40000	30000	1175 x 27 x 38
<b>NEW</b> LN COMP Batten 1200 20W/4000K	4058075099753	1 x 36W T8	2000	100	140	50000	40000	30000	1175 x 27 x 38
<b>NEW</b> LN COMP Batten 1500 25W/3000K	4058075099777	1 x 58W T8	2500	100	140	50000	40000	30000	1475 x 27 x 38
<b>NEW</b> LN COMP Batten 1500 25W/4000K	4058075099791	1 x 58W T8	2500	100	140	50000	40000	30000	1475 x 27 x 38

<sup>1</sup> Refer to [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee) for precise conditions | <sup>2</sup> Replacement for traditional equivalent | <sup>3</sup> t[h]: L70 @ 25°C (T<sub>a</sub>) | <sup>4</sup> t[h]: L80 @ 25°C (T<sub>a</sub>) | <sup>5</sup> t[h]: L90 @ 25°C (T<sub>a</sub>)

## LED LAMPS FOR DIRECT REPLACEMENT

The latest generation of OSRAM LED reflector lamps and OSRAM SubstiTUBE®LED tubular lamps from LEDVANCE.

### LED reflector lamps

- High color rendering index: PARATHOM® PRO PAR16, MR16 and AR111 up to CRI 97
- Energy efficiency classes: A to A++<sup>1</sup>
- Many all-glass versions for design-oriented applications
- All types with innovative single optics for homogeneous light distribution



OSRAM PARATHOM® PRO PAR16 dimmable<sup>2</sup>



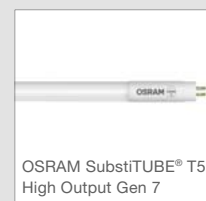
OSRAM PARATHOM® PRO AR111 dimmable<sup>2</sup>

### SubstiTUBE® LED tubular lamps

- T8 Ultra Output: luminous efficacy of up to 165 lm/W
- T8 Universal: one solution for everything – ECGs, CCGs and mains voltage
- T8 Connected: wireless and sensor-controlled light management
- T5: complete portfolio in glass design and shatterproof film
- Energy efficiency classes: A+ to A++<sup>1</sup>



OSRAM SubstiTUBE® T8 Universal

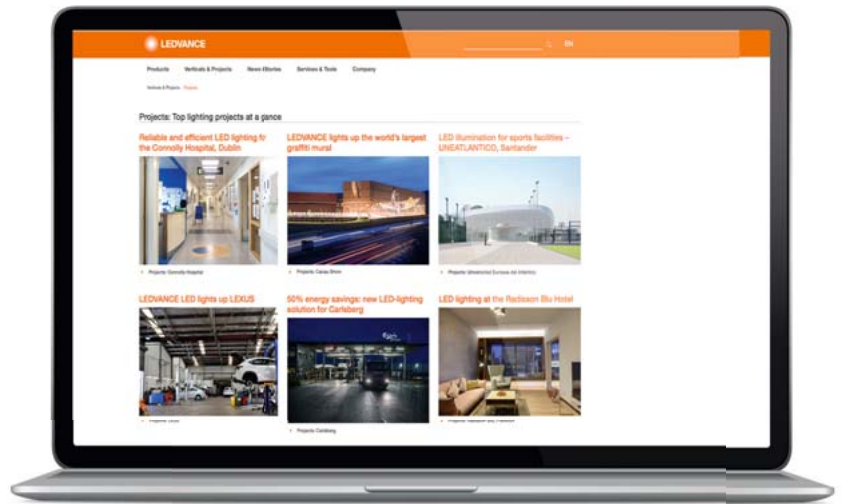
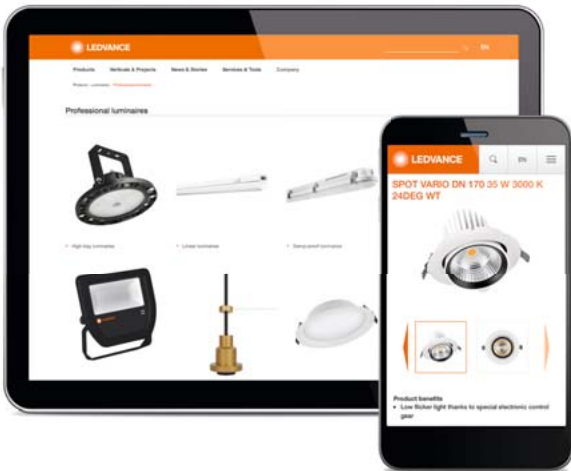


OSRAM SubstiTUBE® T5 High Output Gen 7

<sup>1</sup> Energy efficiency class (EEC) on a scale from A++ (highest efficiency) to E (lowest efficiency) | <sup>2</sup> LED lamps can be operated with a variety of conventional dimmers. Details and results from compatibility tests can be found at [www.ledvance.com/dim](http://www.ledvance.com/dim) as well as in additional technical product information sheets.

# EVEN MORE INFORMATION, ADVICE AND EXPERTISE

LEDVANCE provides you with all the information you need for successfully planning your shop lighting system. Here you will find an overview of our expertise pages, databases and tools.



## Perfectly filtered

Use the online filters to find precisely what you're looking for in our luminaire portfolio – type of mounting, IP rating, light color, etc.: [ledvance.com/luminaires](http://ledvance.com/luminaires)

## References provide inspiration

You can find a selection of top lighting projects at [ledvance.com/projects](http://ledvance.com/projects)

## LEDVANCE Service Plus

With our special sales department we support and advise our commercial end customers – also in person. More at [ledvance.com/vam](http://ledvance.com/vam)

## Download Center

Catalogs, price lists, brochures and much more are available for you in our Download Center: [ledvance.com/download](http://ledvance.com/download)

## Our tools for you

From the mobile app to the energy-savings calculator, practical tools are available at [ledvance.com/services-and-tools/tools](http://ledvance.com/services-and-tools/tools)

## All in one place

Our service packages are listed at [ledvance.com/services-and-tools/services](http://ledvance.com/services-and-tools/services).

## FAST CALCULATION TOOL

We now offer a handy calculation tool for our luminaires on our website. Simply click on the Fast Calculation button on the product page. The tool provides a simple way to calculate the luminaires you need for the particular application and the space to be illuminated.<sup>1</sup>



## LIGHTING CALCULATION WITH DIALUX AND RELUX

Good news for DIALux and RELUX users: since the start of 2018 LEDVANCE has been working with the software producers. DIALux and RELUX users can now easily integrate LEDVANCE products in their lighting plans. Our luminaire data is also BIM-compatible. And we support users in the form of consultation, calculation and after-sales services.

<sup>1</sup>The Fast Calculation tool does not replace comprehensive professional light planning with DIALux, RELUX or any other professional light planning software



## ABOUT LEDVANCE

With offices in more than 50 countries and business activities in more than 140 countries, LEDVANCE is one of the world's leading general lighting providers for professional users and end consumers. Having emerged from the general lighting business of OSRAM GmbH, LEDVANCE offers a wide-ranging assortment of LED luminaires for a broad spectrum of application areas, intelligent lighting products for Smart Homes and Buildings, one of the largest LED lamps portfolios in the industry as well as traditional light sources.



# LEDVANCE

Your direct line to the shop project experts in DACH,  
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LEDVANCE is the competent partner for shop lighting applications in a wide range of markets such as food, fashion, construction and furniture. In addition to our extensive range of luminaires we also offer a large portfolio of innovative LED lamps in excellent brand quality. Further information about our range of products and services is available online at [www.ledvance.com](http://www.ledvance.com)

LEDVANCE is the licensee of product  
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