



# Product highlights



## Solutions for cooled cabinets.

Professional lighting solutions for commercial refrigeration applications, freezers, supermarkets, and retail environments.

— delivering efficient, sustainable, and perfectly staged lighting systems that go beyond illumination, increase sales, and save costs.



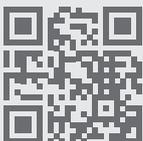
# Light at the intersection of emotion and technology.

Light is more than just a technical element – even in refrigeration cabinets.

With over 20 years of experience, Lxpro designs and produces refrigeration lighting that meets the highest standards. Thanks to our fully in-house processes, we deliver not only standardized solutions but also tailored Roll-Outs perfectly aligned with our clients' needs. From concept to production, we control every step to ensure uncompromising quality.



Discover our full product range:



# Our LCR Series – Your one-stop-solution for every application

Canopy, shelf & vertical

## 1



### LCR-Classic Series

The right product for every type of refrigerated display and installation position – high performance, versatile, and field proven.

You're guaranteed to find the perfect solution in this series.

## 3



### LCR-OEM solutions

Do the specifications not match your concept or tender? No problem.

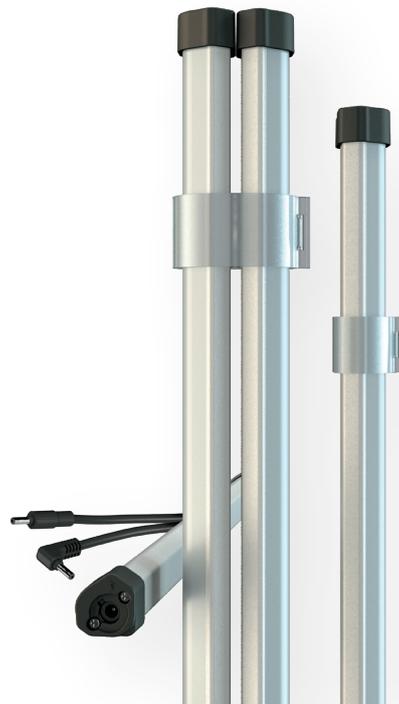
With LCR OEM, we develop customized lighting solutions precisely tailored to your series production – technically accurate, cost-efficient, and aligned with your individual requirements.

## 2



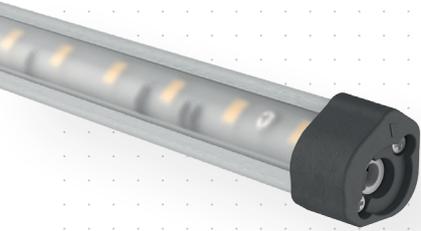
### LCR-Tunable Series

The perfect solution for flexible, fully customizable lighting: thanks to its patented technology, the series offers features such as dimming and adjustable color temperature – all with maximum cost efficiency.



Modular design system

# LCR-Classic Series



### Highlights:

- Modular system design: Uniform visual appearance for all mounting positions within the furniture ( Canopy, Vertical & Shelf)
- Advanced technology combined with an excellent price-performance ratio
- Suitable for industrial series production as well as retrofit applications

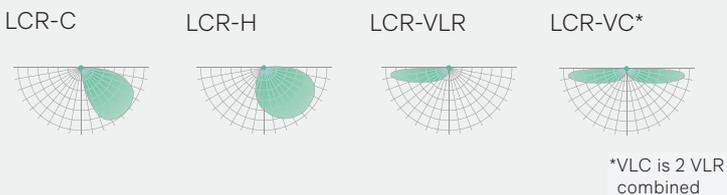


- closed-door refrigerated cabinet
- vertical and semi-vertical freezer
- open and closed refrigerated islands

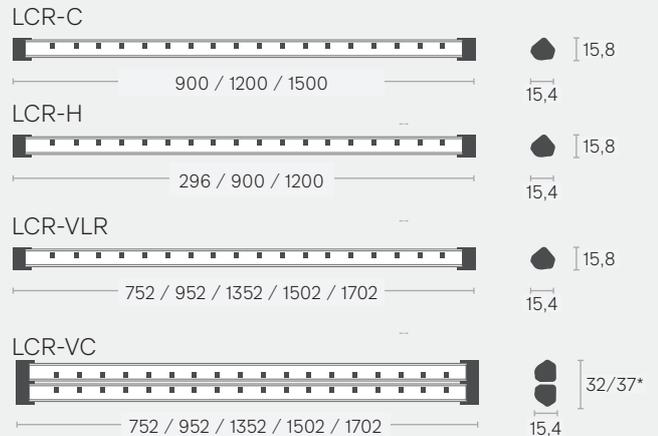
### Technical data / overview

	LCR-C	LCR-H	LCR-VLR
<b>Power</b>	6.3 – 10.5 W	2.1 – 8.4 W	7.5 – 17 W
<b>Operating voltage</b>	24 V DC	24 V DC	24 V DC
<b>Type of luminaire</b>	light strip	light strip	light strip
<b>LED type</b>	SMD	SMD	SMD
<b>Control</b>	PWM	PWM	PWM
<b>Lum. efficiency</b>	up to 152 lm/W	up to 131 lm/W	up to 122 lm/W
<b>Colour consistency</b>	3 SDCM	3 SDCM	3 SDCM
<b>Lifetime @ 10°C</b>	L80 B10 50.000 h	L80 B10 50.000 h	L80 B10 50.000 h
<b>Ambient temp.</b>	-30°C to +10°C	-30°C to +10°C	-30°C to +10°C
<b>Material</b>	aluminium/PC	aluminium/PC	aluminium/PC
<b>Cascading</b>	no	yes	no
<b>Scope of delivery</b>	hollow plug end cap, 1 pc	hollow plug end cap, 1 pc	hollow plug end cap, 1 pc

### Photometrics & light distribution

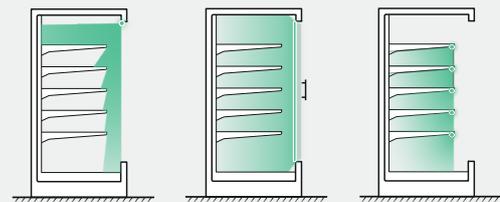


### Dimensions



\*overall width including connection and mounting clips

### standard mounting positions



Datasheets product codes and more:

DE:

PL:

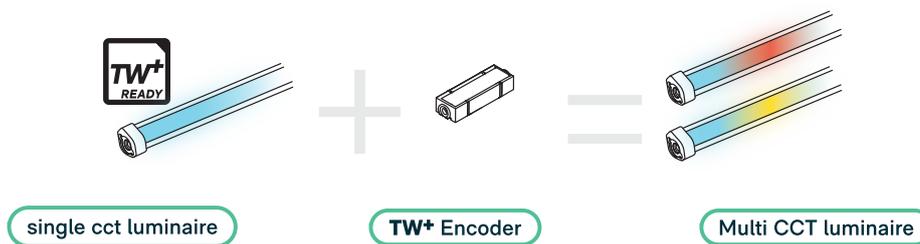
EN:

# TW+ lighting – technology that pays off.

Turn on flexibility at no costs.

»Lighting finally becomes a platform, not a limitation«

## System infrastructure



TW+ enables adjustable light output and color temperature, lowering energy costs while delivering enhanced category management and more impactful product presentation as easy as never before. **Our patented technology** fully adapts to existing infrastructure, eliminating the need for major, complex modifications and the costly full-scale replacement of the existing lighting infrastructure.

## Highlights & benefits

### Supermarket chains and operators

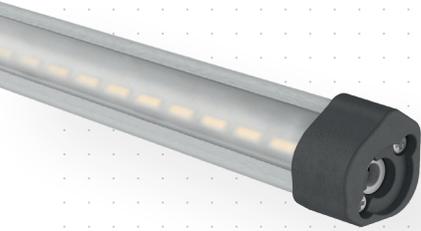
-  Simplified assortment changes without retrofit costs
-  Optimization of refrigerated display lighting to the store lighting concept at any time, without additional costs.
-  Integrate flexibly with existing lighting infrastructure and mounting options.

### Refrigerated display manufacturers

-  Cost-neutral compared to single CCT, standard LCR Type.
-  Structural cost reduction through standardization by reducing product variety – up to 85%
-  Customer-specific adaptability and integration by using existing 2-pole wiring

Modular design system

# LCR-Tunable Series



### Highlights:

- Based on the Classic series, with identical core features and an additional tunable [TW+ ready] function.
- Operates like a standard light bar, while optional controllers or rotary switches enable extended functionality on LCR Tunable Series
- Modular system design: Uniform visual appearance for all mounting positions within the furniture (Canopy, Vertical & Shelf)
- Reduces product variety by up to 85%
- Identical pricing to the Classic version; additional cost applies only for the controller



closed-door refrigerated cabinet

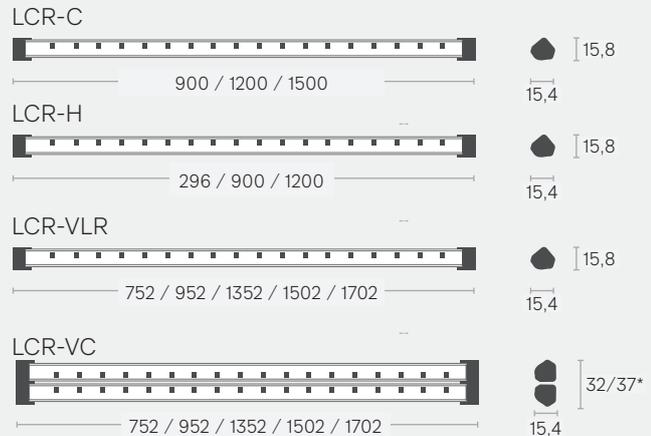
vertical and semi-vertical freezer

open and closed refrigerated islands

### Technical data / overview

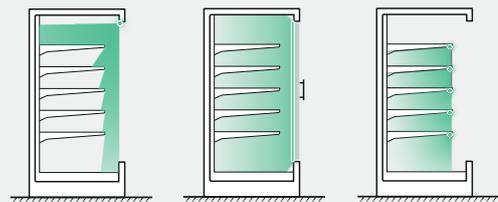
	LCR-C-Tunable	LCR-H-Tunable	LCR-VLR-Tunable
<b>Power</b>	6.3 – 10.5 W	2.1 – 8.4 W	7.5 – 17 W
<b>Operating voltage</b>	24 V DC	24 V DC	24 V DC
<b>Type of luminaire</b>	light strip	light strip	light strip
<b>LED type</b>	SMD	SMD	SMD
<b>Control</b>	switch/App	switch/App	switch/App
<b>Luminous efficacy</b>	up to 152 lm/W	up to 131 lm/W	up to 122 lm/W
<b>Colour consistency</b>	3 SDCM	3 SDCM	3 SDCM
<b>Lifetime @ 10°C</b>	L80 B10 50.000 h	L80 B10 50.000 h	L80 B10 50.000 h
<b>Ambient temperature</b>	-30°C to +10°C	-30°C to +10°C	-30°C to +10°C
<b>Material</b>	aluminium/PC	aluminium/PC	aluminium/PC
<b>Cascading</b>	no	no	no
<b>Scope of delivery</b>	hollow plug end cap, 1 pc	hollow plug end cap, 1 pc	hollow plug end cap, 1 pc

### Dimensions

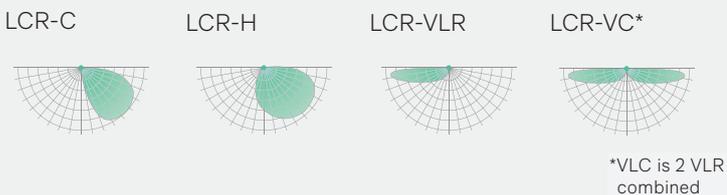


\*overall width including connection and mounting clips

### standard mounting positions



### Photometrics & light distribution



Datasheets product codes and more:

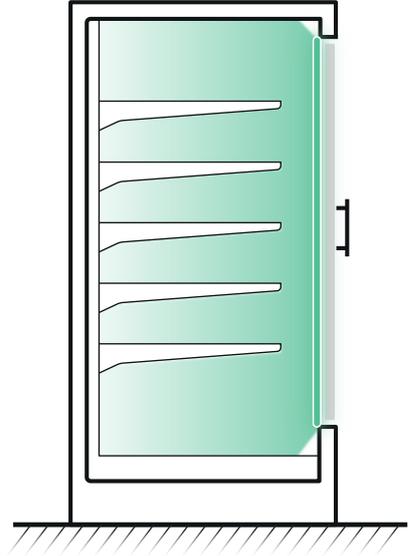
DE:

PL:

EN:

# Specialized vertical lighting solutions

Lighting for glass-door cabinets



## 1



### SCL-Gen2 vertical

Seamlessly integrated and virtually invisible, this premium lighting delivers uniform illumination and excellent glare control inside closed cabinets. It enhances product visibility while preserving a clean, high-end appearance — creating stronger visual impact and supporting sales.

## 3



### OEM solutions

Specifications Don't Fit Your Concept?  
No Problem.

Through OEM development, we create tailored lighting solutions precisely matched to your production needs — technically accurate, cost-efficient, and fully aligned with your requirements.

## 2



### LCR-Topper

Our holistically engineered system is designed to reduce product, installation, and operating costs in equal measure. Developed specifically for refrigerated cabinets, it maximizes luminous efficacy while minimizing overall system complexity.

Optimized components, simplified installation, and outstanding energy efficiency combine to lower upfront investment and long-term operating expenses.

One integrated solution — with measurable savings potential across the entire lifecycle.

Best performance

# LCR-VL/VR-Topper



### Highlights:

- 30% higher light output in the upper section of the light bar, providing enhanced front illumination of the products without the need for additional canopy lighting
- Cost reduction in product sourcing and maintenance
- Reduces grey haze on upright packaging for a clean, high-contrast appearance.
- Optimized illumination for standing packaging, ensures consistent visibility and enhanced product presentation
- Modular system design: the center section is created by combining two VLR units, with accessories designed to fit seamlessly into any configuration, even retrofit.



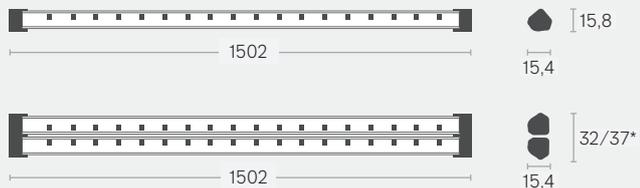
closed-door refrigerated cabinet

vertical and semi-vertical freezer

### Technical data / overview

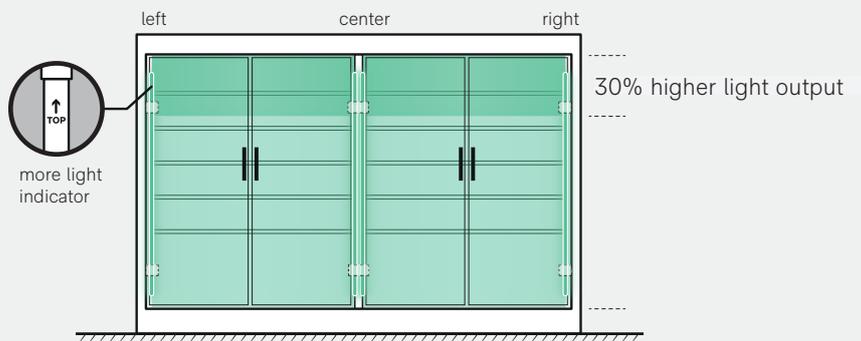
	LCR-VL/VR Topper
Power	10,5 – 16,5 W
Operating voltage	24 V DC
Type of luminaire	light strip
LED type	SMD
Control	PWM
Luminous efficacy	up to 122 lm/W
Colour consistency	SDCM3
Lifetime @10°C	L80 B10 50.000 h
Ambient temperature	-30°C to +10°C
Material	aluminium/PC
Cascading	no
Scope of delivery	hollow plug end cap, 1 pc

### Dimensions



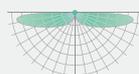
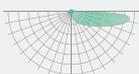
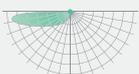
\*overall width including connection and mounting clips

### standard mounting positions & light emission



### Photometrics & light distribution

LCR-VL      LCR-VR      LCR-VC\*



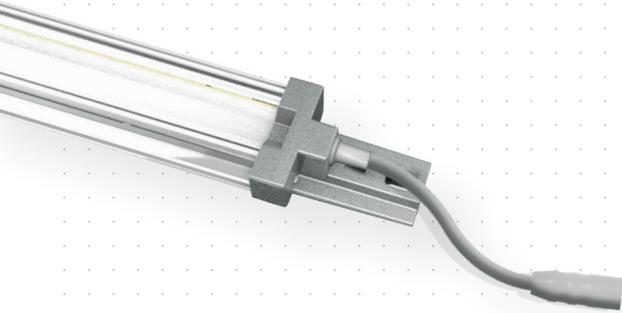
\*VLC is 2 VLR combined

Datasheets  
product codes  
and more:



Premium vertical lighting

# SCL-G2-VLR / VC(-BT)



### Highlights:

- **100% glare-free illumination**, with the light source completely invisible to the customer
- **No lateral glare**, regardless of how close the customer stands in front of the refrigerated display
- **Precise, uniform light distribution** across the product front, with a maximum illuminance deviation of  $\leq 10\%$ .
- **Integrated BT version available** – same specs, enables colour changing & dimming of each light strip

closed-door refrigerated cabinet

vertical and semi-vertical cooler



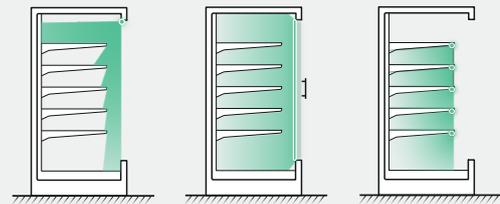
### Technical data / overview

	SCL-G2-VC(-BT)	SCL-G2-VLR(-BT)
Power	34 – 38 W	17 – 19 W
Operating voltage	24 V DC	24 V DC
Type of luminaire	light strip	light strip
LED type	SMD	SMD
Control	PWM / BT	PWM / BT
Luminous efficacy	up to 100 lm/W	up to 100 lm/W
Colour consistency	3 SDCM	3 SDCM
Lifetime @ 10°C	L80 B10 60.000 h	L80 B10 60.000 h
Lifetime @ 25°C	L80 B10 50.000 h	L80 B10 50.000 h
Ambient temp.	-30°C to +25°C	-30°C to +25°C
Material	aluminium	aluminium
Cascading	no	no

### Dimensions



### standard mounting positions



### Photometrics & light distribution

SCL-VC

SCL-VL

SCL-VR



Datasheets  
product codes  
and more:



# A holistic product portfolio for modern demands

Bringing together innovation, performance, and reliability in one portfolio.



1



## CBL Wallwasher

Customizable light colors enable flexible category management. Distinct color signals clearly define product categories and can be adjusted in real time, making changes instantly visible and easy for customers to understand at the point of sale.



2



## AQL Cold Room Luminaire

The Lxpro AQL cold room luminaire is designed specifically for use in refrigerated and freezer environments. It delivers reliable, uniform illumination even at low temperatures, supports energy-efficient operation, and meets high hygiene and safety standards, making it ideal for professional cold storage and food logistics applications.

See what's next.



Effect lighting

# CBL-Wallwasher



## Highlights:

- Special wallwasher lens technology enables illumination of the rear walls of refrigerated displays without affecting product lighting
- Freely adjustable colors for a wide range of lighting effects
- Fast and easy integration thanks to the integrated magnetic mounting system
- Convenient control via BLE (Bluetooth) 5.0



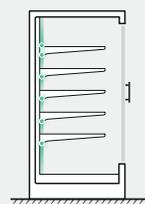
## Technical data / overview

Power	4 – 11,2 W
Operating voltage	24 V DC
Type of luminaire	light strip
LED type	SMD
Control	BT
Colour consistency	3 SDCM
<b>Lifetime</b>	
@ 10°C	L80 B10 55.000 h
@ 25°C	L80 B10 45.000 h
Ambient temp.	-30°C to +25°C
Material	aluminium
Cascading	no

## Dimensions



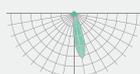
## standard mounting positions



## Applications

- Wallwasher
- Vertical & semivertical chiller
- Vertical and semi-vertical non-chilled cabinets

## Photometrics & light distribution



Datasheets  
product codes  
and more:

Cold storage lighting

# AQL-Series



## Highlights:

- Designed for extreme temperatures from -40 °C to +40 °C
- Permanently stable, even under fluctuating temperature conditions
- Uniform, glare-free illumination and increased ingress protection
- Accessories enable a wide range of installation options
- Compliant with standards for cold room applications
- High protection rating and impact resistance



## Technical data / overview

Power	10 – 68 W
Operating voltage	24 V DC / 50 Hz
Type of luminaire	surface- mounted
LED type	SMD
Control	no
Luminous efficacy	up to 118 lm/W
Colour consistency	3 SDCM
Lifetime	L70 B10 50.000 h @ 25°C
Ambient temperature	-40°C to +40°C
Material	PC
Scope of delivery	"2 x mounting bracket approx. 2-meter built-in cable"

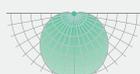
## Dimensions



## Applications

- Cold storage room lighting
- General lighting
- Freezer room light
- Industrial lighting
- Surface mounted luminaire
- IP-rated luminaire
- Harsh environment lighting

## Photometrics & light distribution



Datasheets  
product codes  
and more:



# Refrigeration & ceiling lighting – perfectly harmonized

A holistic lighting concept considers not only individual luminaires, but the harmonious interaction between ceiling lighting and refrigerated display lighting throughout the entire retail space. Light intensity, color temperature and light distribution can be precisely aligned to ensure optimal interaction with the overall architectural concept.

The result is a coherent atmosphere that combines precise illumination with precise, product-friendly presentation.

L E D X O N

With our comprehensive ceiling lighting portfolio and over 20 years of industry experience, Ledxon – the ceiling lighting brand of Lxpro – combines deep market expertise with integrated planning competence.

The result are well-engineered, harmonized lighting solutions from a single source: functional, efficient, and consistent.

Find out more:





Any questions?  
We're here to help.

Contact:

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