

Product datasheet

LCR - series

LCR-C

LCR-CD

LCR-H

LCR-VLR

LCR-VC

LCR-VLR-Topper



Flexible integration

and easy installation



www.lxpro.pl

LCR - article overview

Technical Data

LCR-H (horizontal)	shelf
LCR-V (vertical)	door frame, mullion
LCR-C (Canopy)	canopy
LCR-CD (Canopy doublebeam)	canopy
Power	2,1 W - 34 W
Operating Voltage	24 V DC
Type of luminaire	light strip
LED type	SMD
Control	PWM
Light efficiency	up to 140 lm / W
Color consistency	3 SDCM
Lifetime	L80 B10 50.000 h @ 10°C
Ambient temperature	-30°C up to +10°C
Material	PC / aluminium
Cascading	LCR-H
Power connection	possibility of connection on both sides

IP65

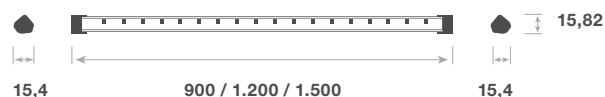


CE

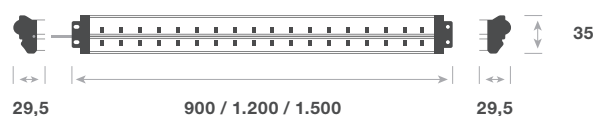
IEC
CB
SCHEME

Dimensions

LCR-C



LCR-CD



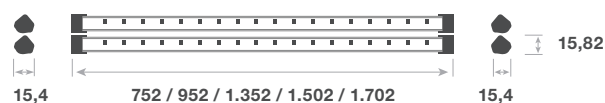
LCR-H



LCR-VLR



LCR-VC



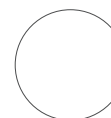
Dimensions in mm

Product appearance



Housing color

white



Standards (CB Scheme):

IEC 60598-1-2014

IEC 60598-1-2014/AMD1:2017

IEC 60598-2-1-2020

IEC 60335-1-2010

IEC 60335-1-2010/AMD1:2013

IEC 60335-1-2010/AMD2:2016

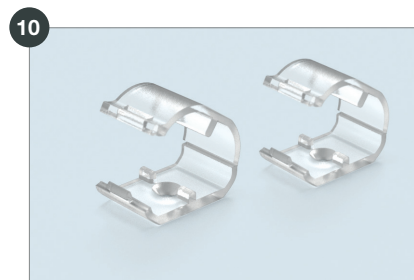
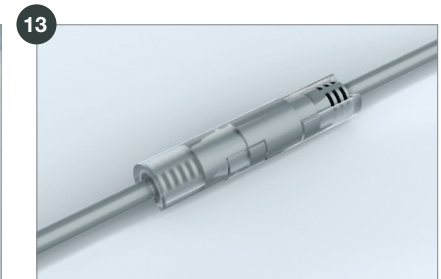
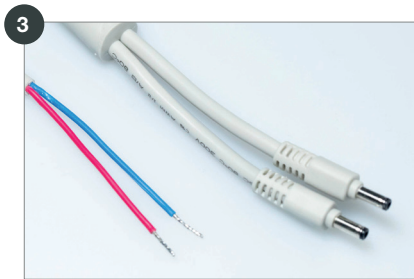
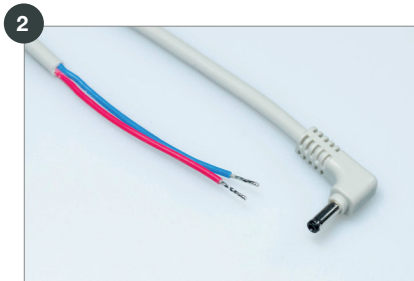
IEC 60335-2-89:2010

IEC 60335-2-89:2010/AMD1:2012

IEC 60335-2-89:2010/AMD2:2015

LCR - accessories

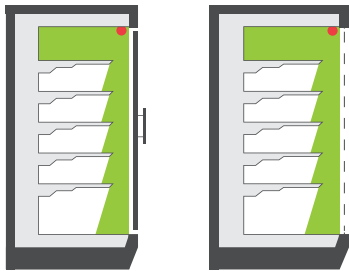
pos.	article no.:	description
1	9100763	LCR Connection cable with plug male grey 4,0m (for LCR-SCL-SML)
2	9100759	LCR Connection cable with angled plug grey 4,0m (for LCR-SCL-SML)
3	9100762	LCR Connection cable Y-plug grey 4,0m (for LCR, SCL-G2, SML-G2)
4	9100764	LCR Connection cable with female plug, grey 4,0m (for LCR, SCL-G2, SML-G2)
5	9100766	LCR Double plug male grey 0,15m (for LCR, SCL-G2, SML-G2)
6	9100765	LCR Strip connector grey
7	9100768	LCR Strip lock for strip connector
8	9100767	LCR Strip lock transparent
9	9100769	LCR Hollow plug end cap grey (for LCR, SCL-G2, SML-G2)
10	9100779	LCR Doubleclip 2 pcs set (for LCR-VC)
11	9100760	LCR Clip transparent 2 pcs set
12	9100761	LCR Clip transparent with magnet 2 pcs set
13	9100780	LCR Strip lock for connection cable male/female 2 pcs set (for LCR, SCL-G2, SML-G2)



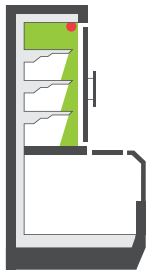
LCR - application

LCR-C / CD

refrigerated multideck cabinet (opened / closed) / freezer - mounting in the canopy

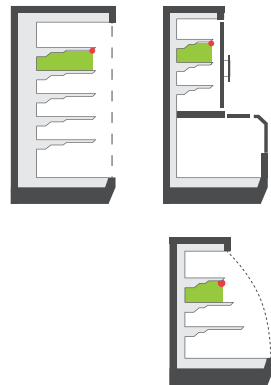


combi freezer - mounting in the canopy

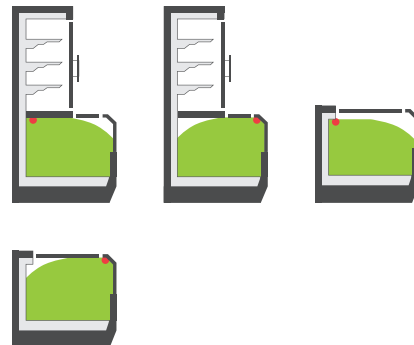


LCR-H asym

refrigerated multideck cabinet (opened / closed) / freezer / combi freezer/ semi verticals - mounting at the bottom of the shelf

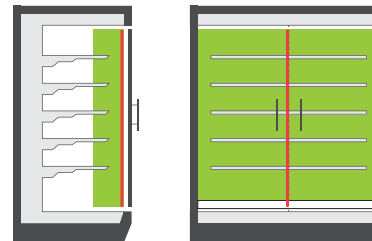


refrigerated multideck cabinet (closed) / freezer / refrigerated multideck cabinet opened) / combi freezer / semi verticals - Attachment to the handrail or to the tub

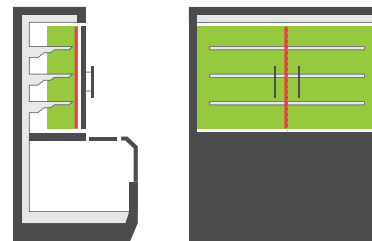


LCR-VC

refrigerated multideck cabinet (closed) / freezer / combi freezer - attached to the door frame (centered)

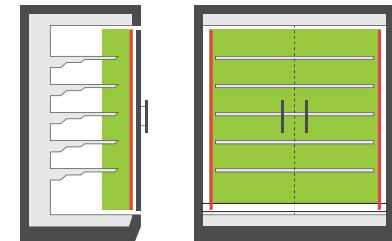


combi freezer - attachment to the door frame (centered)

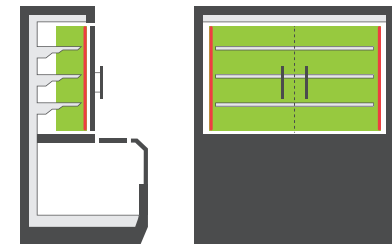


LCR-VLR

refrigerated multideck cabinet (closed) / freezer / combi freezer - attached to the door frame (left or right)



combi freezer - attachment to the door frame (left and right)



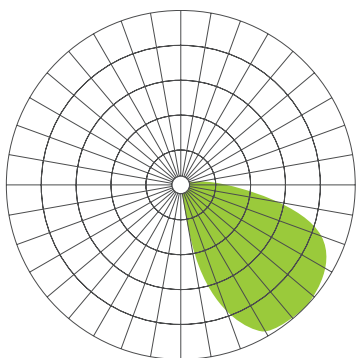
LCR - C

Technical Data

Power	6,3 W - 10,5 W
Operating Voltage	24 V DC
Type of luminaire	light strip
LED type	SMD
Control	PWM
Light efficiency	up to 140 lm / W
Color consistency	3 SDCM
Lifetime	L80 B10 50.000 h @ 10°C
Ambient temperature	-30°C up to +10°C
Material	PC / aluminium
Cascading	no



Beam angle



Art. number	Product code	Power	Light colour	CRI	Luminous flux	Beam characteristic	Length
9100770	LCR-L900-940-C	6,3 W	4000K	90	880 lm	Canopy	L 900 mm
9100771	LCR-L900-957-C	6,3 W	5700 K	90	880 lm	Canopy	L 900 mm
9100772	LCR-L900-FM-C	6,3 W	Fresh meat	90	620 lm	Canopy	L 900 mm
9100773	LCR-L1200-940-C	8,4 W	4000 K	90	1170 lm	Canopy	L 1200 mm
9100774	LCR-L1200-957-C	8,4 W	5700 K	90	1170 lm	Canopy	L 1200 mm
9100775	LCR-L1200-FM-C	8,4 W	Fresh meat	90	820 lm	Canopy	L 1200 mm
9100776	LCR-L1500-940-C	10,5 W	4000 K	90	1470 lm	Canopy	L 1500 mm
9100777	LCR-L1500-957-C	10,5 W	5700 K	90	1470 lm	Canopy	L 1500 mm
9100778	LCR-L1500-FM-C	10,5 W	Fresh meat	90	980 lm	Canopy	L 1500 mm

Scope of delivery: LCR light with 1 pc hollow plug end cap

LCR - CD

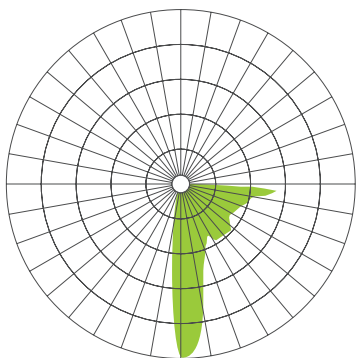
Technical Data

Power	15 W - 28 W
Operating Voltage	24 V DC
Type of luminaire	light strip
LED type	SMD
Control	PWM
Light efficiency	up to 111 lm / W
Color consistency	3 SDCM
Lifetime	L80 B10 50.000 h @ 10°C
Ambient temperature	-30°C up to +10°C
Material	PC / aluminium
Cascading	no

IP65



Beam angle



Numer art.	Product code	Power	Light colour	CRI	Luminous flux	Beam characteristic	Length
9100677	LCR-L900-940-CD	15 W	4000K	90	1665 lm	Canopy Doublebeam	L 900 mm
9100678	LCR-L900-957-CD	15 W	5700 K	90	1665 lm	Canopy Doublebeam	L 900 mm
9100679	LCR-L900-FM-CD	15 W	Fresh meat	90	1355 lm	Canopy Doublebeam	L 900 mm
9100680	LCR-L1200-940-CD	20 W	4000 K	90	2220 lm	Canopy Doublebeam	L 1200 mm
9100681	LCR-L1200-957-CD	20 W	5700 K	90	2220 lm	Canopy Doublebeam	L 1200 mm
9100682	LCR-L1200-FM-CD	20 W	Fresh meat	90	1895 lm	Canopy Doublebeam	L 1200 mm
9100683	LCR-L1500-940-CD	28 W	4000 K	90	3108 lm	Canopy Doublebeam	L 1500 mm
9100684	LCR-L1500-957-CD	28 W	5700 K	90	3108 lm	Canopy Doublebeam	L 1500 mm
9100685	LCR-L1500-FM-CD	28 W	Fresh meat	90	2720 lm	Canopy Doublebeam	L 1500 mm

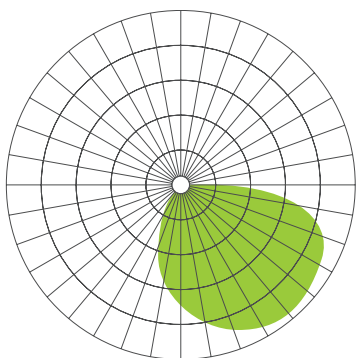
LCR - H asym

Technical Data

Power	2,1 W - 8,4 W
Operating Voltage	24 V DC
Type of luminaire	light strip
LED type	SMD
Control	PWM
Light efficiency	up to 117 lm / W
Color consistency	3 SDCM
Lifetime	L80 B10 50.000 h @ 10°C
Ambient temperature	-30°C up to +10°C
Material	PC / aluminium
Cascading	yes



Beam angle



Art. number	Product code	Power	Light colour	CRI	Luminous flux	Beam characteristic	Length	Cascading
9100686	LCR-L300-940-ASYM	2,1 W	4000K	90	243 lm	Shelf	L 296 mm	15
9100687	LCR-L300-957-ASYM	2,1 W	5700 K	90	243 lm	Shelf	L 296 mm	15
9100688	LCR-L300-FM-ASYM	2,1 W	Fresh meat	90	189 lm	Shelf	L 296 mm	15
9100689	LCR-L900-940-ASYM	6,3 W	4000 K	90	730 lm	Shelf	L 900 mm	7
9100690	LCR-L900-957-ASYM	6,3 W	5700 K	90	730 lm	Shelf	L 900 mm	7
9100691	LCR-L900-FM-ASYM	6,3 W	Fresh meat	90	568 lm	Shelf	L 900 mm	7
9100692	LCR-L1200-940-ASYM	8,4 W	4000 K	90	975 lm	Shelf	L 1200 mm	5
9100693	LCR-L1200-957-ASYM	8,4 W	5700 K	90	975 lm	Shelf	L 1200 mm	5
9100694	LCR-L1200-FM-ASYM	8,4 W	Fresh meat	90	757 lm	Shelf	L 1200 mm	5

Scope of delivery: LCR light with 1 pc hollow plug end cap

LCR - VLR

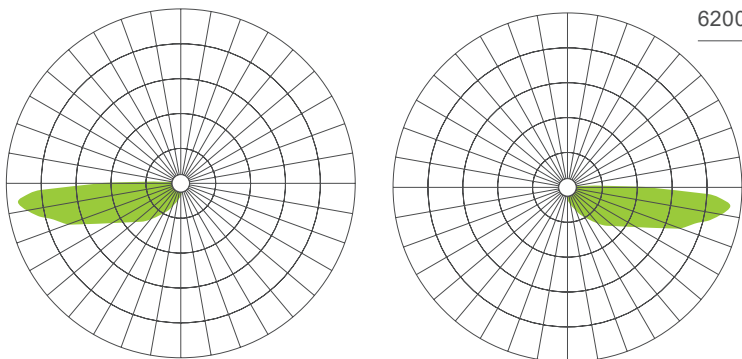
Technical Data

Power	7,5 W - 17 W
Operating Voltage	24 V DC
Type of luminaire	light strip
LED type	SMD
Control	PWM
Light efficiency	up to 105 lm / W
Color consistency	3 SDCM
Lifetime	L80 B10 50.000 h @ 10°C
Ambient temperature	-30°C up to +10°C
Material	PC / aluminium
Cascading	no

IP65



Beam angle



Art. number	Product Datasheet	Power	Light colour	CRI	Luminous flux	Beam characteristic	Length
9100698	LCR-L750-940-VLR	7,5 W	4000 K	90	788 lm	door frame single	L 752 mm
9100699	LCR-L750-957-VLR	7,5 W	5700 K	90	788 lm	door frame single	L 752 mm
9100700	LCR-L750-FM-VLR	7,5 W	Fresh meat	90	675 lm	door frame single	L 752 mm
9100740	LCR-L950-940-VLR	9,5 W	4000 K	90	1005 lm	door frame single	L 952 mm
9100741	LCR-L950-957-VLR	9,5 W	5700 K	90	1005 lm	door frame single	L 952 mm
9100742	LCR-L950-FM-VLR	9,5 W	Fresh meat	90	855 lm	door frame single	L 952 mm
9100743	LCR-L1350-940-VLR	13,5 W	4000 K	90	1420 lm	door frame single	L 1352 mm
9100744	LCR-L1350-957-VLR	13,5 W	5700 K	90	1420 lm	door frame single	L 1352 mm
9100745	LCR-L1350-FM-VLR	13,5 W	Fresh meat	90	1215 lm	door frame single	L 1352 mm
9100701	LCR-L1500-940-VLR	15 W	4000 K	90	1575 lm	door frame single	L 1502 mm
9100702	LCR-L1500-957-VLR	15 W	5700 K	90	1575 lm	door frame single	L 1502 mm
9100703	LCR-L1500-FM-VLR	15 W	Fresh meat	90	1350 lm	door frame single	L 1502 mm
9100704	LCR-L1700-940-VLR	17 W	4000 K	90	1785 lm	door frame single	L 1702 mm
9100705	LCR-L1700-957-VLR	17 W	5700 K	90	1785 lm	door frame single	L 1702 mm
9100706	LCR-L1700-FM-VLR	17 W	Fresh meat	90	1530 lm	door frame single	L 1702 mm
6200123	LCR-L1570-950-VLR	16,5W	5000K	90	1730 lm	door frame single	L 1570mm
6200128	LCR-L1570-965-VLR	16,5W	6500K	90	1730 lm	door frame single	L 1570mm
6200129	LCR-L1350-950-VLR	13,5 W	5000K	90	1420 lm	door frame single	L 1352 mm
6200130	LCR-L1350-965-VLR	13,5 W	6500K	90	1420 lm	door frame single	L 1352 mm

Scope of delivery: LCR light with 1 pc hollow plug end cap

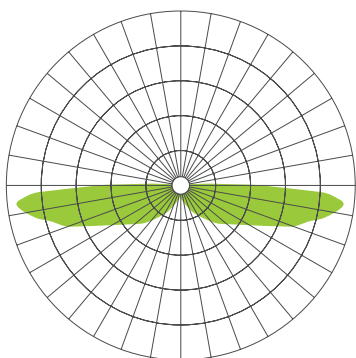
LCR - VC

Technical Data

Power	15 W - 34 W
Operating Voltage	24 V DC
Type of luminaire	light strip
LED type	SMD
Control	PWM
Light efficiency	up to 105 lm / W
Color consistency	3 SDCM
Lifetime	L80 B10 50.000 h @ 10°C
Ambient temperature	-30°C up to +10°C
Material	PC / aluminium
Cascading	no



Beam angle



Art. number	Product code	Power	Light color	CRI	Luminous flux	Beam characteristic	Length
9100722	LCR-L750-940-VC*	15 W	4000 K	90	1575 lm	door frame / center	L 752 mm
9100723	LCR-L750-957-VC*	15 W	5700 K	90	1575 lm	door frame / center	L 752 mm
9100724	LCR-L750-FM-VC*	15 W	Fresh meat	90	1350 lm	door frame / center	L 752 mm
9100752	LCR-L950-940-VC*	19 W	4000 K	90	2010 lm	door frame / center	L 952 mm
9100753	LCR-L950-957-VC*	19 W	5700 K	90	2010 lm	door frame / center	L 952 mm
9100754	LCR-L950-FM-VC*	19 W	Fresh meat	90	1710 lm	door frame / center	L 952 mm
9100755	LCR-L1350-940-VC*	27 W	4000 K	90	2835 lm	door frame / center	L 1352 mm
9100756	LCR-L1350-957-VC*	27 W	5700 K	90	2835 lm	door frame / center	L 1352 mm
9100757	LCR-L1350-FM-VC*	27 W	Fresh meat	90	2430 lm	door frame / center	L 1352 mm
9100725	LCR-L1500-940-VC*	30 W	4000 K	90	3150 lm	door frame / center	L 1502 mm
9100726	LCR-L1500-957-VC*	30 W	5700 K	90	3150 lm	door frame / center	L 1502 mm
9100727	LCR-L1500-FM-VC*	30 W	Fresh meat	90	2700 lm	door frame / center	L 1502 mm
9100728	LCR-L1700-940-VC*	34 W	4000 K	90	3570 lm	door frame / center	L 1702 mm
9100729	LCR-L1700-957-VC*	34 W	5700 K	90	3570 lm	door frame / center	L 1702 mm
9100730	LCR-L1700-FM-VC*	34 W	Fresh meat	90	3060 lm	door frame / center	L 1702 mm

Scope of delivery: 2 pcs of LCR-VLR + 2 pcs of hollow plug end cup

LCR - VLR - Topper

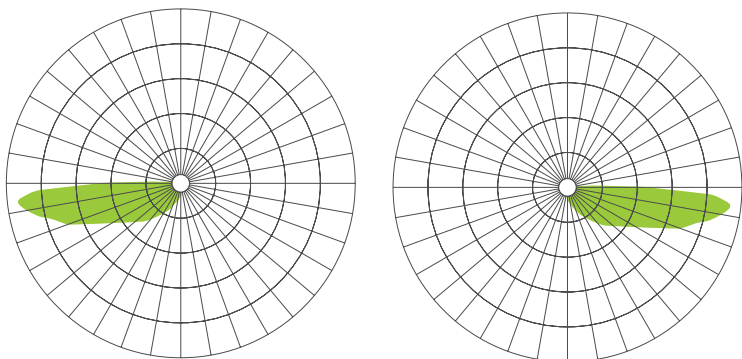
Technical Data

Power	16,5 W
Operating Voltage	24 V DC
Type of luminaire	light strip
Type of luminaire	SMD
Control	PWM
Light efficiency	up to 105 lm / W
Color consistency	3 SDCM
Lifetime	L80 B10 50.000 h @ 10°C
Ambient temperature	-30°C up to +10°C
Material	PC / aluminium
Cascading	no

IP65



Beam angle



LCR VLR Topper

Vertical lighting in door frame

- » up to 30% more light in the upper part
- » no need to use an additional lamp in the canopy
- » **save energy, materials and money!**

Art. number	Product code	Power	Light color	CRI	Luminous flux	Beam characteristic	Length
6200192	LCR-L1500-VL-Topper	16,5 W	3000K	90	1730 lm	door frame	L1502 mm
6200193	LCR-L1500-VL-Topper	16,5 W	4000K	90	1730 lm	door frame	L1502 mm
6200194	LCR-L1500-VL-Topper	16,5 W	5700K	90	1730 lm	door frame	L1502 mm
6200195	LCR-L1500-VL-Topper	16,5 W	Fresh meat	90	1730 lm	door frame	L1502 mm
6200199	LCR-L1500-VR-Topper	16,5 W	3000K	90	1730 lm	door frame	L1502 mm
6200200	LCR-L1500-VR-Topper	16,5 W	4000K	90	1730 lm	door frame	L1502 mm
6200201	LCR-L1500-VR-Topper	16,5 W	5700K	90	1730 lm	door frame	L1502 mm
6200202	LCR-L1500-VR-Topper	16,5 W	Fresh meat	90	1730 lm	door frame	L1502 mm

Scope of delivery: LCR light with 1 pc hollow plug end cap

LCR-series

Important notes

All technical parameters apply to the entire product. Due to the complex manufacturing process of light emitting diodes, the specified typical LED parameters are only purely statistical values and may deviate. The specified type of use must be strictly adhered to. Deviations may affect the stability of the product. Please observe the information in the mounting instructions before using the products.

Mercury content	0,0 mg
Mercury-free	yes
Professional disposal according to WEEE	yes

Notes to the lifetime

Decisive factors for the life time are the ambient temperature and the operating temperature (Tc). Exceeding the permissible limits results in a substantial reduction of the life time and can even lead to the destruction of the products. The specified life time represents a statistical quantity.

Notes to electrical and photometric data

Colour coordinates according to CIE 1931

Rated ambient temperature: $t_a = 25^\circ$

Measuring tolerance colour coordinates (x/y) +/- 0,005

Tolerance range of electrical / photometric data: +/- 10%

Disclaimer

Due to the continuous development of all products, technical and design changes can occur at any time. Make sure that you always use the latest version of the data sheet.

Further product data as well as current information can be found at www.lxpro.pl