

LCS



LCS PRODUCTS

LCS

lighting core solutions



www.luglightfactory.com

LCS Lighting Core Solutions

Light that works for you

Welcome to the world of LCS Lighting Core Solutions – a new brand from LUG Light Factory, created for those who need reliable, functional, and accessible lighting solutions. It is a response to the real challenges of the market – where time, precision, and quality matter.

Contemporary spaces – offices, halls, stores, and technical facilities – need light that not only illuminates, but also truly supports everyday work. LCS is light that understands the user's needs: easy to install, durable in operation, ready when it is most needed.

Discover a range of products designed with architects, installers, and investors in mind. These are solutions that work. And that...

...work for you.



Core pillars of the solution

- Efficiency and energy savings – luminaires with high luminous efficacy up to 195 lm/W.
- Simple and quick installation – products designed for efficient installation.
- Availability – short delivery times, even for larger orders.
- Durability – service life of up to 100,000 hours. 5-year warranty as standard
- Flexibility of the offer – standard and DALI-2 powered versions.

Best value for money – competitive price while maintaining the highest technical parameters.

APPLICATIONS

Lighting Core Solutions products are ideal for spaces:

-  office
-  commercial and service
-  industrial and technical
-  architectural (e.g., halls, corridors, back rooms)
-  spaces with increased moisture resistance (IP66)



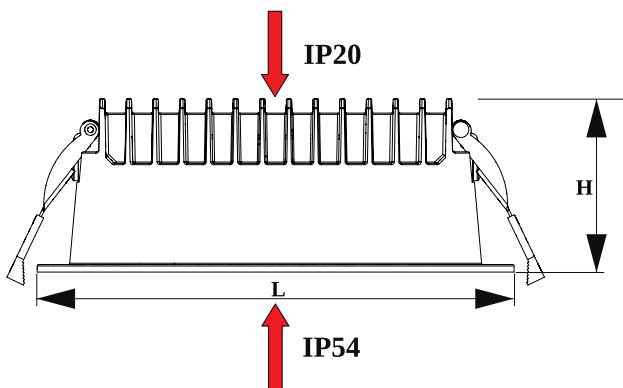
LCS DOWNLIGHT

220-240V
50/60 HzCE
IP
20/54

Decorative downlight fixture for installation in suspended ceilings with IP20/54 protection rating for LED light sources.

- A perfect combination of aesthetics and ergonomics
- Easy and quick installation
- Modern design
- Reliability
- Simple one-person installation
- High efficiency up to 156 lm/W

Luminaire power	106 - 156 [W]
Luminaire beam	1200 - 5100 [lm]
Efficacy	106 - 156 [lm/W]
Color temperature	3000, 4000
ULOR/DLOR	0/100
Power supply	220-240V 50/60Hz
CRI	≥80
Lifespan L80B10	100 000 h
Body	aluminum
Colour	white
Operating temperature range	0 ... +35



Dimensions	
LxH	110x50
	165x60
	220x69

Installation	in the ceiling
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**5-YEAR WARRANTY**



Accessories

Colorful matte rings



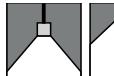
Black



Golden matt



LCS WATERPROOF



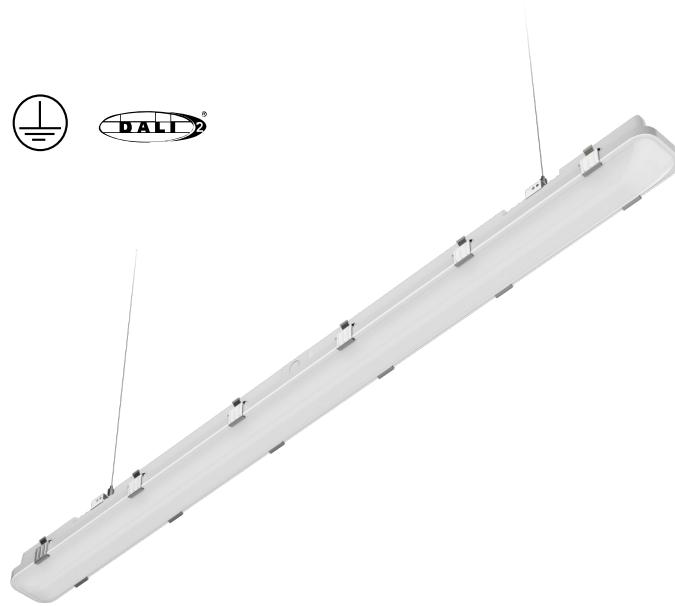
220-240V
50/60 Hz



CE

IP
66

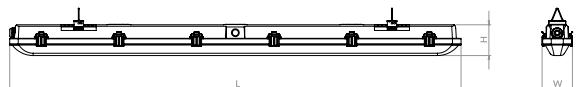
IK
08



Hermetic luminaire for LED light sources, splash-proof, designed for installation inside industrial or architectural facilities.

- The perfect combination of aesthetics and ergonomics
- Ideal luminaire for harsh working conditions
- Easy and quick installation
- Reliability
- Simple one-person installation
- High efficacy up to 167 lm/W

Luminaire power	38/50 [W]
Luminaire beam	6350/8350 [lm]
Efficacy	167 [lm/W]
Color temperature	4000
ULOR/DLOR	0/100
Power supply	220-240V 50/60Hz
CRI	80
Lifespan L80B10	107 000 h
Body	polycarbonate
Colour	light gray
Operating temperature range	-25 ... +45



Dimensions
LxWxH
1165x76x81
1465x76x81

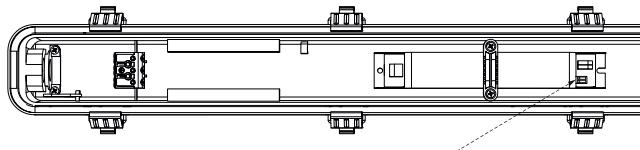
Installation
suspended, on chains,
surface-mounted, using
brackets (included)

Weight
1,4 - 1,6 [kg]



5-YEAR WARRANTY

EASY SET



DIP-SWITCH - luminaire power adjustment

1500mm

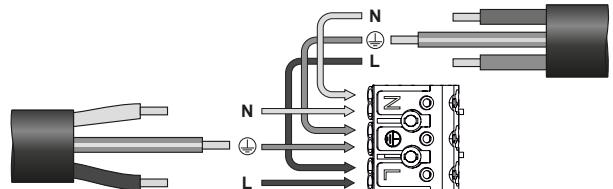
1200mm

30 - 50 [W]

22 - 38 [W]

5000 - 8350 [lm]

3750 - 6350 [lm]



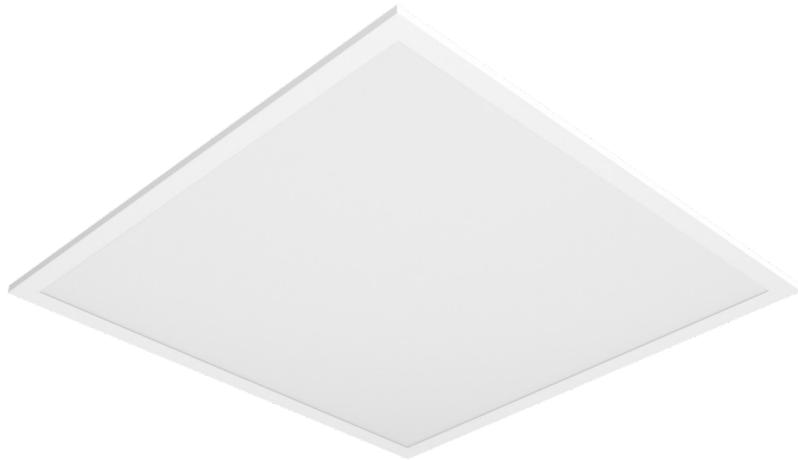
Through-wiring



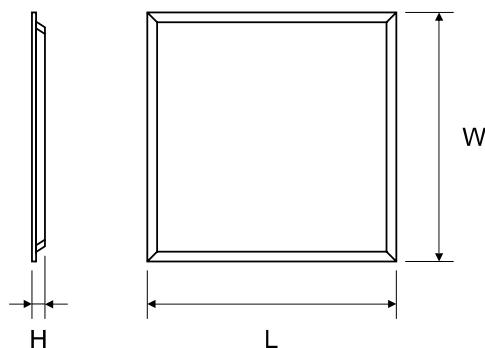
LCS PANEL

220-240V
50/60 Hz

CE

IP
20IK
03Recessed luminaire compatible
with modern LED light sources.

Luminaire power	28 [W]
Luminaire beam	4200 [lm]
Efficacy	150 [lm/W]
Color temperature	4000
ULOR/DLOR	0/100
Power supply	220-240V 50/60Hz
CRI	≥80
Lifespan L80B10	100 000 h
Body	powder-coated steel sheet
Colour	white
Operating temperature range	0 ... +35



Dimensions LxWxH	595x595x35
Installation	in the ceiling
Weight	1,8 [kg]

**5-YEAR WARRANTY**



LCS ROAD

LCS Road is an infrastructure lighting fixture from the Public Lighting segment, designed to operate in demanding conditions. The aluminum body with a powder-coated finish ensures high resistance to corrosion, mechanical damage, and weather conditions, guaranteeing a long product lifespan.

The modern design makes the luminaire aesthetically fit into the urban space, and the adjustable installation bracket and a wide selection of light beams and optical systems allow for precise adaptation to various applications – from main roads and residential streets to bike paths and parking lots.



- Modern design
- Aluminum body
- Dedicated LED sources
- High efficacy up to 162 lm/W

Luminaire power

19-45 [W]

Luminaire beam

2800 - 6900 [lm]

Efficacy

do 163 [lm/W]

Color temperature

2200-6500

ULOR/DLOR

0/100

Power supply

220-240V 50/60Hz

CRI

>70

Lifespan L90B10

100 000 h

Body

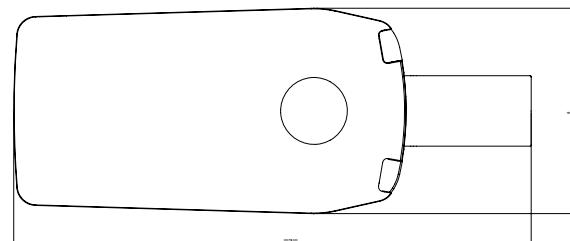
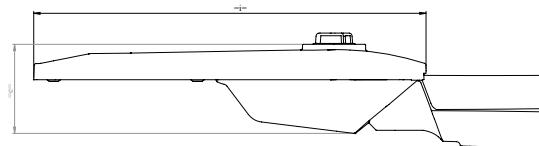
high-pressure die-cast aluminum, tempered glass

Colour

gray

Operating temperature range

-40 ... +35



Dimensions

LxWxH

410x215x92x543

Installation

on a pole with a diameter of Ø 48–60 mm, on a bracket with a diameter of Ø 48–60 mm, using brackets (included)

Weight

3.4 [kg]



5-YEAR WARRANTY

LCS ROAD M

Luminaire power	11 - 97 [W]
Luminaire beam	1600 - 15 200 [lm]
Efficacy	do 179 [lm/W]
Color temperature	2200-6500
ULOR/DLOR	0/100
Power supply	220-240V 50/60Hz
CRI	>70
Lifespan L90B10	100 000 h
Body	high-pressure die-cast aluminum, tempered glass
Colour	gray
Operating temperature range	-40 ... +35



Installation	on a pole with a diameter of Ø 48–60 mm, on a bracket with a diameter of Ø 48–60 mm, using brackets (included)
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5-YEAR WARRANTY

LCS ROAD L

Luminaire power	50 - 150 [W]
Luminaire beam	3500 - 23 000 [lm]
Efficacy	do 180 [lm/W]
Color temperature	2200-6500
ULOR/DLOR	0/100
Power supply	220-240V 50/60Hz
CRI	>70
Lifespan L90B10	COMING SOON
Body	high-pressure die-cast aluminum, tempered glass
Colour	gray
Operating temperature range	-40 ... +35



Installation	on a pole with a diameter of Ø 48–60 mm, on a bracket with a diameter of Ø 48–60 mm, using brackets (included)
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5-YEAR WARRANTY

LCS HIGHBAY ROUND



CE

220-240V
50/60 HzIK
08IP
65

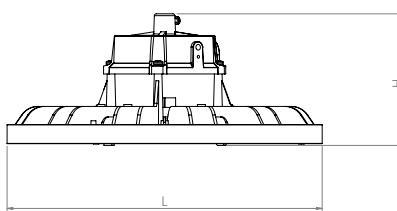
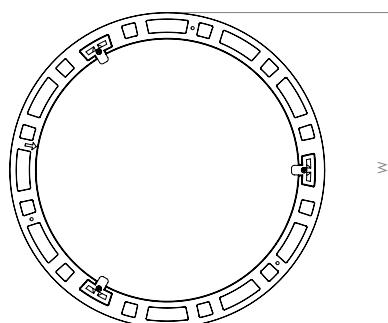
Industrial luminaire designed for lighting large areas. Intended for applications requiring single suspended installation.

Unique design with adjustable light output, color temperature, and light distribution angle.



- Standard 3-pole quick connector – maximum simplicity during installation
- Perfect combination of aesthetics and ergonomics
- Easy and quick installation
- Modern design
- Reliability
- Passive cooling system
- Simple one-person installation
- High efficacy up to 195 lm/W

Luminaire power	113 - 198 [W]
Luminaire beam	22 000 – 34 700 [lm]
Efficacy	175 - 195 [lm/W]
Color temperature	DIP-SWITCH 3000/4000/5000 [K]
ULOR/DLOR	0/100
Power supply	220-240V 50/60Hz
CRI	80
Lifespan L80B10	100 000 h
Body	high-pressure die-cast aluminum, tempered glass
Colour	gray
Zakres temperatury roboczej	-40 ... +50
Dimensions	330x330x140
Weight	2,6 kg

**5-YEAR WARRANTY**





LUG Light Factory

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