



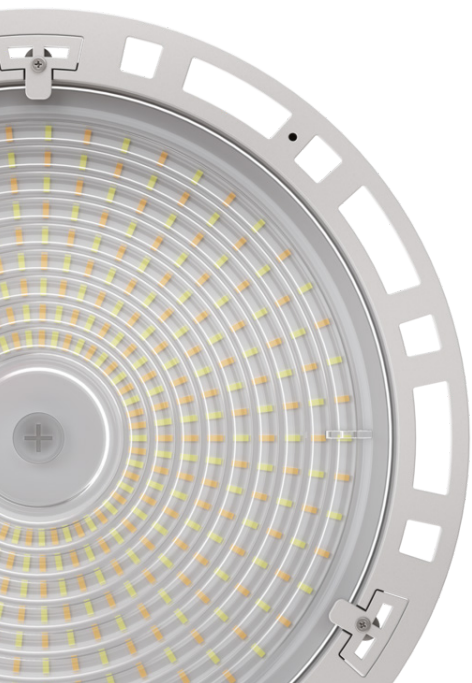
LCS



LCS PRODUCTS

# LCS

lighting core solutions



[www.luglightfactory.com](http://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)



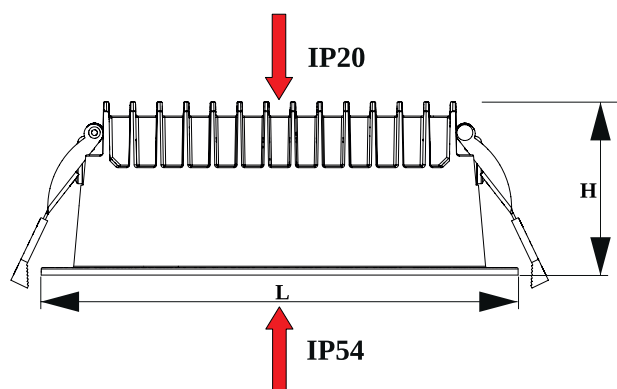
# LCS DOWNLIGHT



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



**5-YEAR WARRANTY**





## Accessories

Colorful matte rings

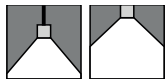


Black

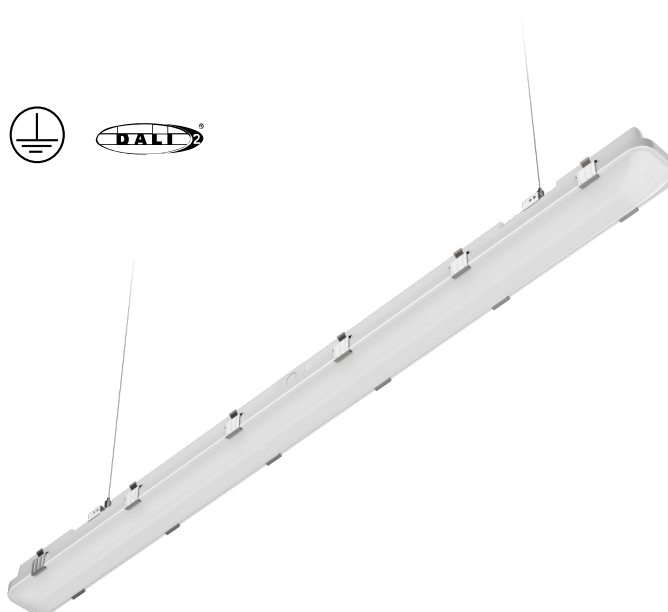


Golden matt

# LCS WATERPROOF



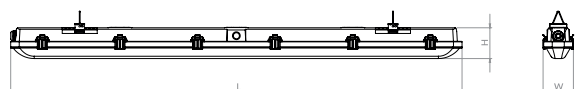
220-240V  
50/60 Hz



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

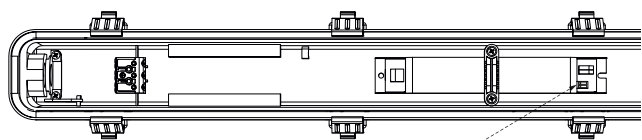


Dimensions	
LxWxH	1165x76x81 1465x76x81
Installation	suspended, on chains, surface-mounted, using brackets (included)
Weight	1,4 - 1,6 [kg]



**5-YEAR WARRANTY**

## EASY SET



DIP-SWITCH - luminaire  
power adjustment

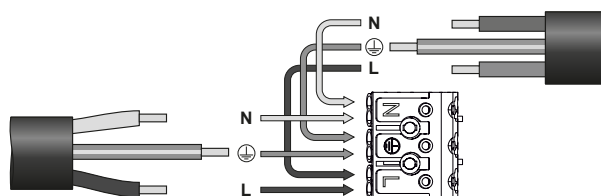
**1500mm****1200mm**

30 - 50 [W]

22 - 38 [W]

5000 - 8350 [lm]

3750 - 6350 [lm]



Through-wiring



# LCS PANEL



220-240V  
50/60 Hz

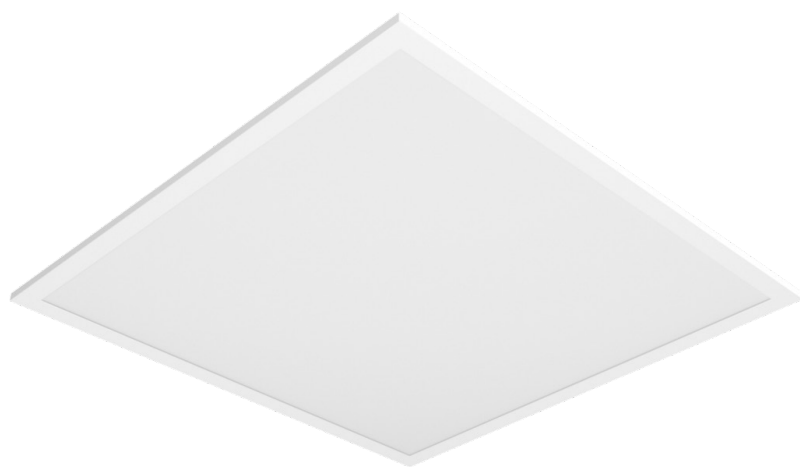


IP  
20

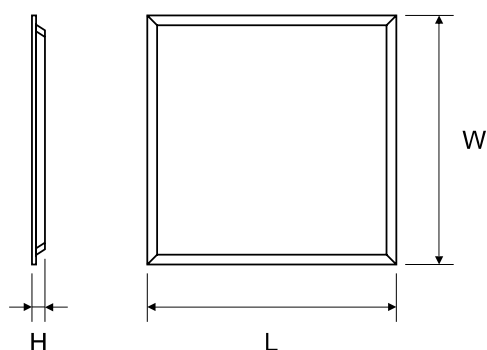
IK  
03



Recessed 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**





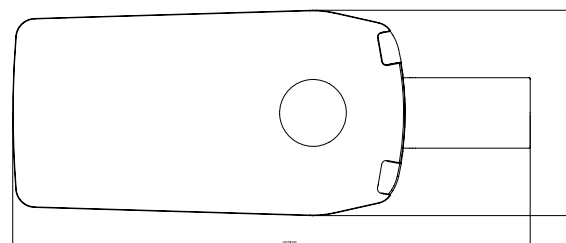
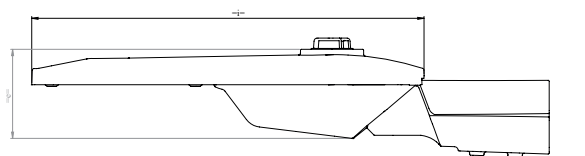
# LCS ROAD

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

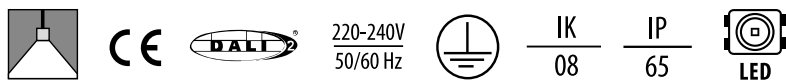


Installation	on a pole with a diameter of Ø 48–60 mm, on a bracket with a diameter of Ø 48–60 mm, using brackets (included)
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**5-YEAR WARRANTY**

# LCS HIGHBAY ROUND



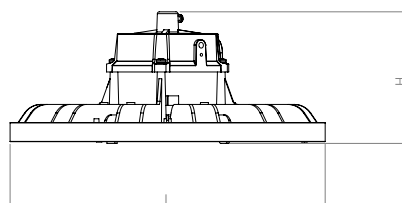
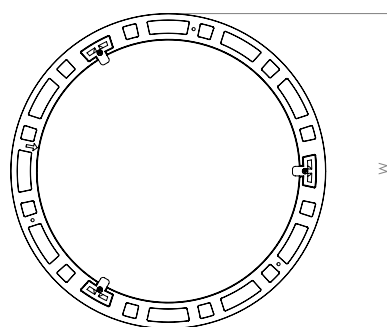
Industrial luminaire designed for lighting large areas. Intended for applications requiring single suspended installation.

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**

ul. Gorzowska 11  
65-127 Zielona Góra  
e-mail: [lug@lug.com.pl](mailto:lug@lug.com.pl)  
tel.: + 48 68 45 33 200