

# OUTDOOR

# LIGHT

VOL X



DGOSL1000



DGOSL1001



DGOSL1002



DGOSL1003



DGOSL1004



DGOSL1005



DGOSL1006



DGOSL1007

up to  
193 lm/W IP66 IK09



LED is the most versatile product in the Lighting's range of road luminaires.

These luminaires can be used on motorways, expressways and express roads, as well as on national, municipal, local and residential roads. With various optics available they can also be used to illuminate pedestrian crossings, pavements and bicycle paths.



Available options:

- Mounting bracket with a diameter of 76 mm
- NEMA ANSI C136.41 and ZHAGA D4i connectors
- Dusk sensor, motion sensor (RCR), remote control available
- Capability to program a 5-step autonomous power reduction
- Luminaires available in I and II class of protection
- Functions for maintaining constant luminous flux values over time with CLO available
- Protection against accidental overheating of the NTC luminaire
- Anti-condensation vapour filter
- Coating in any colour from the RAL palette
- A safety knife switch that disconnects voltage in the event of accidental opening of the luminaire
- Permanent, anti-vandal protection of the luminaire incorporating screws or a seal available as option
- The luminaire can come with a quick-connect cable
- Additional SP10kV protection separate from the luminaire's power supply



Tilt adjustment

The mounting bracket is attached to the housing with two screws, by loosening these screws we can adjust the tilt of the luminaire from -30° to +30°.



Fast, innovative mounting

Easy maintenance with tool-free access to the interior of the Tiara luminaire.



More efficient  
LED light sources

Applying newer

and more efficient LED light sources translates directly into higher energy efficiency of the luminaire.



Robust body

Tiara 2 LED luminaires are made from the highest quality materials. They are reliable and resistant to extreme weather conditions.



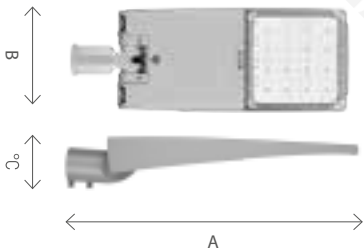
DGOSL1000

Rated power [W]:	8 - 175
Luminous flux [lm]:	900 - 22925
Mounting method:	to the pole -30°+30° on the bracket -30°+30°
Body material:	high-pressure aluminium powder coated

Distinguishing features:

- Tool-free and quick access to the electrical equipment compartment
- Compatible with the modern ClueCITY control system (additional NEMA and ZHAGA connectors)
- Protection against overheating of the luminaire's LED NTC module.
- Easy and quick disassembly of the optical-electrical parts
- LED lifespan L90B10 100 000h
- Permanent, anti-vandal protection of the luminaire incorporating screws or a seal available as option

up to 193 lm/W IP66 IK09



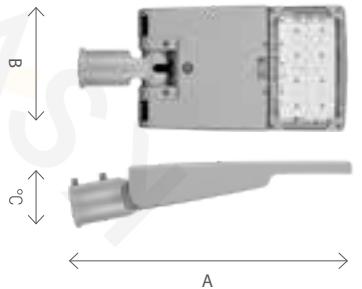
DGOSL1001

Rated power [W]:	8 - 109
Luminous flux [lm]:	900 - 13200
Mounting method:	to the pole -30°+30° on the bracket -30°+30°
Body material:	high-pressure aluminium powder coated

Distinguishing features:

- Tool-free and quick access to the electrical equipment compartment
- Compatible with the modern ClueCITY control system (additional NEMA and ZHAGA connectors)
- Protection against overheating of the luminaire's LED NTC module.
- Easy and quick disassembly of the optical-electrical component without the need to demount the luminaire from the pole.
- LED lifespan L90B10 100,000h
- Permanent, anti-vandal protection of the luminaire incorporating screws or a seal available as option

up to 193 lm/W IP66 IK09



# Optimised design

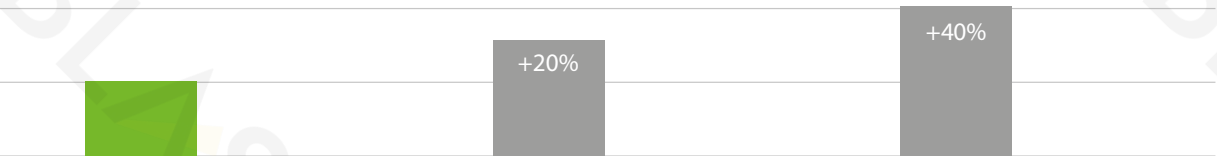
DGOSL1002 features an optimised design and compact size, enabling more efficient lighting of common road scenarios – resulting in reduced CAPEX and OPEX. The combination of high efficiency, optimal urban lighting distributions, and proven technical solutions packaged in an optimal housing results in decreased total costs for infrastructure upgrades and a substantial reduction in carbon footprint. It pays off!



DGOSL1002



luminaire sizes



materials needed for production

DGOSL1002

up to 158 lm/W IP66 IK09

Rated power [W]:	8 - 55	Body colour:	grey
Luminous flux [lm]:	1250 - 7500	Diffuser material:	tempered glass
Mounting method:	on a pole -30 to +120 on a bracket -120 to +30	Types of optics:	transparent lens
Body material:	high-pressure aluminium powder coated	Dimensions A/B/C [mm]:	424/186/105


- Distinguishing features:
- Tool-free and quick access to the electrical equipment compartment
  - Compatible with the modern ClueCITY control system (additional NEMA and ZHAGA connectors)
  - Protection against overheating of the luminaire's LED NTC module.
  - Easy and quick disassembly of the optical-electrical component without the need to demount the luminaire from the pole.
  - LED lifespan L90B10 100,000h
  - Permanent, anti-vandal protection of the luminaire incorporating screws or a seal available as option







DGOSL1003

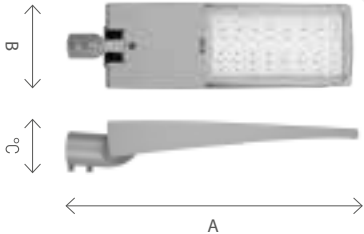
max.  
169 lm/W    IP66    IK09     

Rated power [W]:	8 - 330
Luminous flux [lm]:	900 - 42275
Mounting method:	Side to bracket or top to pole
Body material:	high-pressure aluminium powder coated

Body colour:	grey
Diffuser material:	glass, tempered glass
Types of optics:	transparent lens
Dimensions A/B/C [mm]:	870/262/122

Distinguishing features:

- The luminaire is ENEC, ENEC+, CE and Zhaga (Zd4i) certified
- Very wide range of light distributions
- Very high luminous efficiency
- Tool-free and quick access to the electrical equipment compartment
- Compatible with the modern ClueCITY control system (additional NEMA and ZHAGA connectors)
- Long LED lifetime – 100,000 h L90B10



Road lighting in Środa Wielkopolska



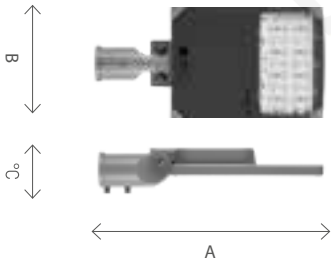
DGOSL1004

up to 165 lm/W IP66 IK09

Rated power [W]:	8 - 109	Body colour:	grey
Luminous flux [lm]:	900 - 13200	Diffuser material:	tempered glass
Mounting method:	on a pole, on a bracket	Diffuser type:	transparent
Body material:	powder-coated aluminium	Dimensions A/B/C/ø [mm]:	385/265/60

Distinguishing features:

- It features cutting-edge LED panels and components sourced from reputable manufacturers
- It incorporates multi-lens arrays crafted from PMMA material
- Fully programmable with DALI driver
- Functions for maintaining constant luminous flux values over time with CLO available
- Capability to program a 5-step autonomous power reduction
- Protection against LED module overheating – NTC
- Quick connector available as standard
- Adjustable bracket within the range of -20° +20°



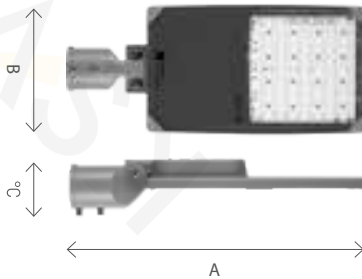
DGOSL1005

up to 165 lm/W IP66 IK09

Rated power [W]:	8 - 157	Body colour:	grey
Luminous flux [lm]:	900 - 20125	Diffuser material:	tempered glass
Mounting method:	on a pole, on a bracket	Diffuser type:	transparent
Body material:	powder-coated aluminium	Dimensions A/B/C/ø [mm]:	505/265/60

Distinguishing features:

- It features cutting-edge LED panels and components sourced from reputable manufacturers
- It incorporates multi-lens arrays crafted from PMMA material
- Fully programmable with DALI driver
- Functions for maintaining constant luminous flux values over time with CLO available
- Capability to program a 5-step autonomous power reduction
- Protection against LED module overheating – NTC



Excellent parameters  
for illuminating municipal  
and access roads.

up to  
151 lm/W

IP66

IK08



DGOSL1006-7-8LED is a cutting-edge road luminaire featuring a state-of-the-art, energy-efficient integrated LED lighting module. Thanks to the use of a sealed quick connector and the pre-attached power cable, it ensures a speedy installation process.

Recommended for use in open areas to illuminate: streets, local roads, bicycle paths, alleys, pavements, parking lots and squares.



AVAILABLE OPTIONS:

- RCR motion sensor
- Mounting bracket with a diameter of 76 mm
- The 12-24V version is specifically tailored for power sourcing from photovoltaic panels, wind turbines or alternative sources producing an output voltage of 12-24V DC.



Quick installation

The use of a sealed quick connector and a power cable connected to the luminaire makes the assembly more efficient.



Self-cleaning body

Self-cleaning, uniform body made of glass fibre-reinforced polypropylene (GF-PP), providing protection against UV radiation.



Lenticular arrays

The luminaire features directional lens arrays made of polycarbonate (PC).



Simple tilt adjustment

bracket allows the luminaire to be set at an angle of: -5° to +15° (mounted on a top, on a pole), -15° to +5° (on a side, on a bracket).





DGOSL1006

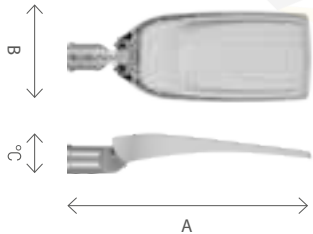
Basic version and VD budget version with sequential power supply available

Rated power [W]:	17 - 104
Luminous flux [lm]:	2100 - 12800
Mounting method:	Side to bracket or top to pole
Body material:	PP+FG

Body colour:	grey
Diffuser material:	PC
Types of optics:	transparent lens
Dimensions A/B/C/ø [mm]:	640/233/113/60 (76)

- Distinguishing features:
- Compact dimensions and low weight
  - SP10kV surge protection
  - H07RN-F cable, 0,7 m long
  - The use of a sealed IP66 quick connector enables quick and easy installation
  - Self-cleaning body made of glass fibre-reinforced polypropylene (FG)

up to 151 lm/W IP66 IK08

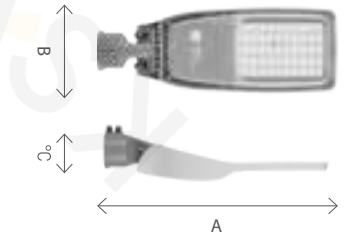


DGOSL1007

Rated power [W]:	12 - 34
Luminous flux [lm]:	1700 - 5300
Mounting method:	Side to bracket or top to pole
Body material:	PP+15% GF


Body colour:	grey
Diffuser material:	PC
Types of optics:	transparent lens
Dimensions A/B/C [mm]:	500/175/75

- Distinguishing features:
- Self-cleaning body made of polypropylene
  - Integrated handle, adjustable in 5-degree increments, enables adjustment in the range of: -5° to +15° (top, on a pole), -5° to +15° (side, on a bracket).
  - H07RN-F cable, 0,7 m long





DGOSL1008ALU

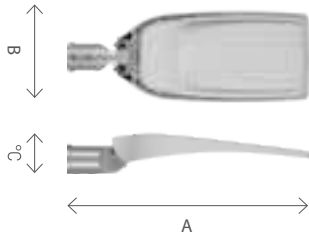
up to 151 lm/W    IP66    IK08     

Rated power [W]:	17 - 125
Luminous flux [lm]:	2100 - 15500
Mounting method:	Side to bracket or top to pole
Body material:	Powder-coated aluminium

Body colour:	grey
Diffuser material:	PC
Types of optics:	transparent lens
Dimensions A/B/C/ø [mm]:	640/233/113/60 (76)

Distinguishing features:

- Compact dimensions and low weight
- SP10kV surge protection
- H07RN-F cable, 0,7 m long
- The use of a sealed IP66 quick connector enables quick and easy installation
- Self-cleaning body made of aluminium





# Park and urban lighting



## Skver LED family

### Innovative approach to lighting design

up to  
152 lm/W IP66 IK10



Replaceable lighting modules

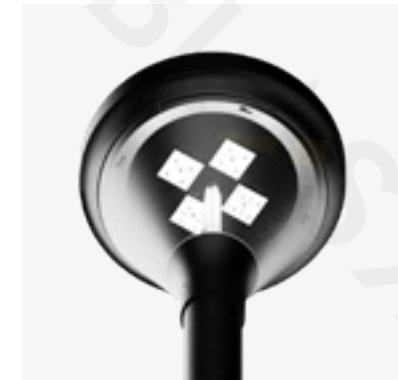
The innovative line of Skver LED park and urban lighting luminaires revolutionises the approach to outdoor lighting. Excellent parameters, elimination of light pollution, unique modular construction and creative design make it the perfect luminaire for the most demanding urban spaces.

Here, the designers have applied a range of modern solutions, which significantly enhance the capabilities of park and urban luminaires. These luminaires can be customised using a variety of light distribution hoods and designs. With its modular design, daily servicing and maintenance have never been easier!



Tool-free access  
to electrical accessories

Accessing electrical and optical components simply requires unscrewing two screws and opening the luminaire cover without any tools.



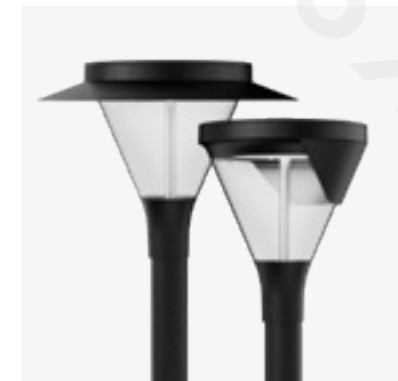
Omnidirectional  
and lenticular versions

The Skver LED luminaire can be equipped with both omnidirectional lighting modules and directional matrices fitted with lenses.



Knife switch

In certain versions, a knife switch is used to disconnect power to a specific luminaire upon opening its cover. This ensures that the person making modifications is fully protected.



No effect  
of light pollution

Skver luminaires, with  $ULOR < 1$ , are inspired by the Nature Centric Lighting concept, focusing on the ecology and safety of both people and animals.





# Quality confirmed by certifications

The Skver LED luminaires were developed in full compliance with Zhaga Book 13, 15, and 18, which set standards for the positioning and installation of the power supply, LEDs, and Zhaga connectors, making it easier to replace these components in the future. This significantly extends the product's lifespan, ensuring that the city benefits from this standardised modularity.

Confidence that the future development of urban infrastructure is limitless!

The Skver range includes C5+ models, which are not only resistant to harsh weather conditions but also to corrosion. Therefore, they can be successfully installed in locations such as promenades, bridges, or piers – anywhere there is direct contact with bodies of water with various degrees of salinity.

## — Luminaire modularity

The modular Skver luminaire allows users to customise its configuration according to their needs and preferences. They can add or remove modules depending on actual lighting requirements. But there is much more! The added modules will define the ultimate appearance of the luminaire, which can be uniquely tailored to each individual location. Modularity has a significant impact on both the aesthetics of the luminaire itself and the surrounding environment.

Modularity also translates to better economy and savings. As lighting demands change with technological advancements or changes in land use, administrators can simply add or replace individual modules instead of replacing the entire luminaires.

The ecological aspect remains crucial as well. The ability to replace and upgrade modules makes modular luminaires more environmentally friendly by reducing the need to discard the entire products when only one module is damaged or needs replacement.



**Lena C5+**



**Book 13**

**Book 15**

**Book 18**





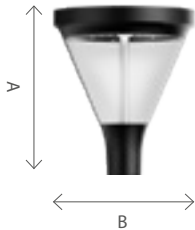
DGOSL1009

Rated power [W]:	19 - 50
Luminous flux [lm]:	2850 - 7100
Mounting method:	pole mounted
Body material:	Powder-coated aluminium

Body colour:	black
Diffuser material:	PC
Types of optics:	lens with PMMA
Dimensions A/B/C [mm]:	427/360

- Distinguishing features:
- The luminaires are designed to work in very low and high temperatures from -30°C to +50°C and in difficult weather conditions
  - No light pollution effect

up to 152 lm/W IP66 IK10







DGOSL1010

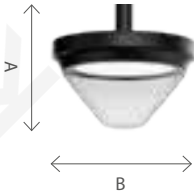
up to 152 lm/W IP66 IK10

Rated power [W]:	19 - 50
Luminous flux [lm]:	2850 - 7100
Mounting method:	suspended
Body material:	Powder-coated aluminium

Body colour:	black
Diffuser material:	PC
Types of optics:	lens with PMMA
Dimensions A/B/C [mm]:	360/360

Distinguishing features:

- The luminaires are designed to work in very low and high temperatures from -30°C to +50°C and in difficult weather conditions
- No light pollution effect



DGOSL1009

DGOSL1010

Park and urban luminaires combine high light efficiency and unprecedented functionality with innovative, modular design. This feature allows for easy and quick implementation of structural and visual changes in the luminaire. With all this available, together we will design and manufacture your own LED urban park luminaire!

It's easier than you think! Your customised LED luminaire will be created using one of our specially designed accessories or entirely from scratch – just for your city! Tailored to individual lighting needs, unique identification, and urban elegance bringing out the true beauty of urban spaces based on the best and tailored lighting solutions!



Example 2



Example 3



Example 4



Example 2



Example 3



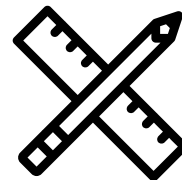
Example 4



Example 5



Example 6



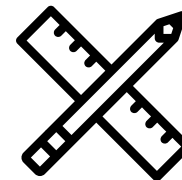
Your unique design!



Example 5

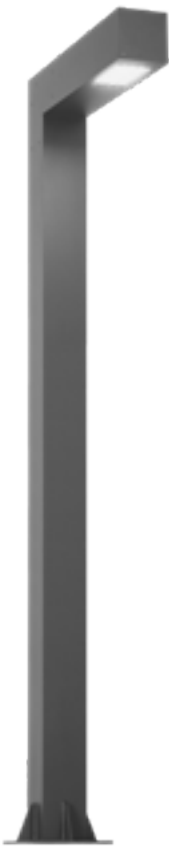


Example 6



Your unique design!





DGOSL1011

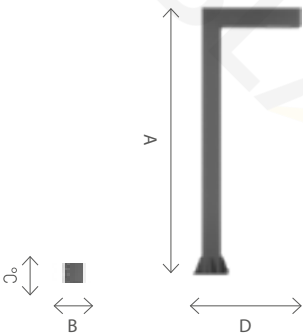
110° light beam angle versions available

Rated power [W]:	32 - 82
Luminous flux [lm]:	3600 - 10700
Mounting method:	on a foundation
Body material:	aluminium

Body colour:	graphite
Diffuser material:	PC
Types of optics:	transparent lens
Dimensions A/B/C [mm]:	2500, 3000, 3500, 4000, 5000/150/150/800

- Distinguishing features:
- A wide range of power, luminous flux and light distribution
  - The luminaires are designed to work in very low and high temperatures from -30°C to +50°C and in difficult weather conditions
  - Versions with two, three, and four lighting modules, mounted on different sections of the pole – at the same or varying heights – are available

up to 122 lm/W IP65 IK09



DGOSL1012

110° light beam angle versions available

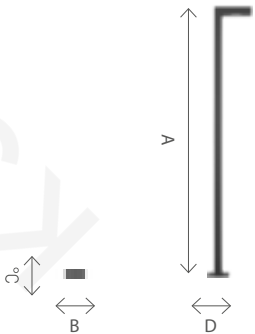
Rated power [W]:	6 - 12
Luminous flux [lm]:	650 - 1400
Mounting method:	on a foundation
Body material:	aluminium

Body colour:	graphite
Diffuser material:	PC
Types of optics:	transparent lens
Dimensions A/B/C [mm]:	600, 900, 1200, 1500/100/40/200

up to 117 lm/W IP65 IK09



- Distinguishing features:
- A wide range of luminous flux and light distribution
  - The luminaires are designed to work in very low and high temperatures from -30°C to +50°C and in difficult weather conditions
  - Versions with two, three, and four lighting modules, mounted on different sections of the pole – at the same or varying heights – are available





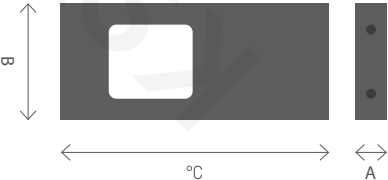
DGOSL1013

up to 130 lm/W IP65 IK08

Rated power [W]:	5
Luminous flux [lm]:	600 - 650
Mounting method:	on building's façade
Body material:	aluminium

Body colour:	graphite
Diffuser material:	PC
Types of optics:	lens with PMMA
Dimensions A/B/C [mm]:	40/100/250

- Distinguishing features:
- The luminaires are designed to work in very low and high temperatures from -30°C to +50°C and in difficult weather conditions
  - No light pollution effect





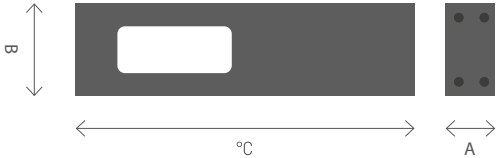
DGOSL1014

up to 130 lm/W    IP65    IK08   

Rated power [W]:	40
Luminous flux [lm]:	4600 - 5200
Mounting method:	on building's façade
Body material:	aluminium

Body colour:	graphite
Diffuser material:	PC
Types of optics:	lens with PMMA
Dimensions A/B/C [mm]:	40/100/250

- Distinguishing features:
- The luminaires are designed to work in very low and high temperatures from -30°C to +50°C and in difficult weather conditions
  - No light pollution effect





DGOSL1015

up to 109 lm/W    IP65    IK09    

Rated power [W]:	10 - 42
Luminous flux [lm]:	1100 - 4000
Mounting method:	on a foundation
Body material:	aluminium

Body colour:	graphite
Diffuser material:	PC
Types of optics:	transparent lens
Dimensions A/B/C [mm]:	150/150/600, 150/150/900, 150/150/1200, 150/150/1500, 150/150/2000, 150/150/2500, 150/150/3000

Distinguishing features:

- They can operate in very low and high temperatures
- The lighting module consists of highly durable LEDs with a robust polycarbonate screen
- They are suitable for parks and gardens to illuminate small architecture



DGOSL1016

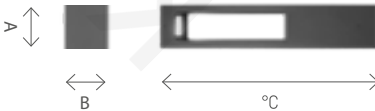
up to 96 lm/W    IP65    IK08    

Rated power [W]:	8 - 13
Luminous flux [lm]:	850 - 1200
Mounting method:	on a foundation
Body material:	aluminium

Body colour:	graphite
Diffuser material:	PC
Types of optics:	transparent lens
Dimensions A/B/C [mm]:	120/120/600, 120/120/900, 120/120/1200, 120/120/1500

Distinguishing features:

- They can operate in very low and high temperatures
- The lighting module consists of highly durable LEDs with a robust polycarbonate screen
- They are suitable for parks and gardens to illuminate small architecture











DGOSL1017

max.  
123 lm/W

IP65

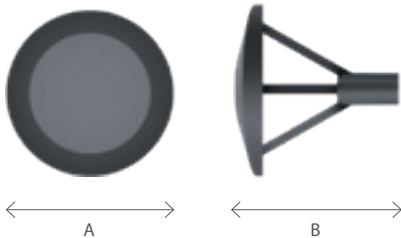
IK07

□

Rated power [W]:	30 - 48
Luminous flux [lm]:	3200 - 5400
Mounting method:	top, to the pole
Body material:	aluminium

Body colour:	anthracite grey
Diffuser material:	PMMA
Types of optics:	transparent lens
Dimensions A/B [mm]:	ø400/430

- Distinguishing features:
- High degree of impact resistance
  - Round, compact aluminium body
  - Available types of light distribution: ASM1; RM2; SM1



DGOSL1018

up to  
132 lm/W

IP66

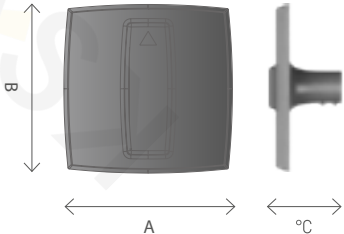
IK07

⬇ □

Rated power [W]:	13 - 62
Luminous flux [lm]:	1550 - 7250
Mounting method:	top, to the pole
Body material:	PP + FG

Body colour:	grey
Diffuser material:	PC
Types of optics:	transparent lens
Dimensions A/B/C [mm]:	398/398/175

- Distinguishing features:
- Two types of diffuser – opalescent and transparent
  - Very high degree of IP66 ingress protection
  - IK07 mechanical impact protection
  - Surge protection (SP10kV)
  - H07RN-F cable, 0,6 m long
  - Smooth, dirt-resistant surface
  - Quick assembly due to a tight IP66 quick connector



# Complementary lighting





DGOSL1019

— The Resist version with thermal resistance available

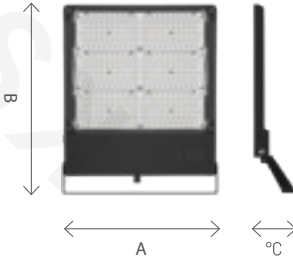
max.  
158 lm/W IP66 IK09

Rated power [W]:	27 - 243
Luminous flux [lm]:	3600 - 30900
Mounting method:	surface mounted
Body material:	powder-coated aluminium

Body colour:	anthracite grey
Diffuser material:	tempered glass
Diffuser type:	transparent
Dimensions A/B/C [mm]:	436/472/79, 437/378/79

Distinguishing features:

- Very high ingress protection
- Durable aluminium body
- 5 types of light distribution
- Quick connector – mounting is faster and cheaper
- Very high efficiency
- Slim aluminium body without heat sink fins – not collecting dirt and easy to clean







DGOSL1020

max.  
158 lm/W    IP66    IK09    

Rated power [W]:	101 -1124
Luminous flux [lm]:	14600 - 150800
Mounting method:	on a pole, construction barriers, flat surfaces or a bracket
Body material:	powder-coated aluminium

Body colour:	anthracite grey
Diffuser material:	PC, tempered glass
Diffuser type:	lenticular arrays, transparent
Dimensions A/B/C [mm]:	191/425/217, 385/425/340, 580/425/340, 774/425/340

Distinguishing features:

- Very high luminous efficiency
- High ingress protection (IP66) and impact resistance (IK09)
- Passive cooling system
- Capable of performing in high-temperature conditions

