

NEW

# STREET LIGHT LUMINAIRE IN LED TECHNOLOGY

# VIA



IMPROVES YOUR LIFE





MILOO-ELECTRONICS Sp. z o. o.

MILOO-ELECTRONICS is a Polish manufacturer of electronics, LED lighting under MILOO LIGHTING brand, control automation and STERYLIS air disinfection and surface sterilisation systems.

We entered the market in 2002 and ever since been offering proprietary solutions and innovative products working along with independent research and scientific institutions as well as our business partners.

Today MILOO-ELECTRONICS employs more than 100 specialists, has its own Research and Development Department and a state-of-the-art machinery, along with a colorimetry and electromagnetic compatibility research laboratory.

Our company holds international patents, including on the US market.

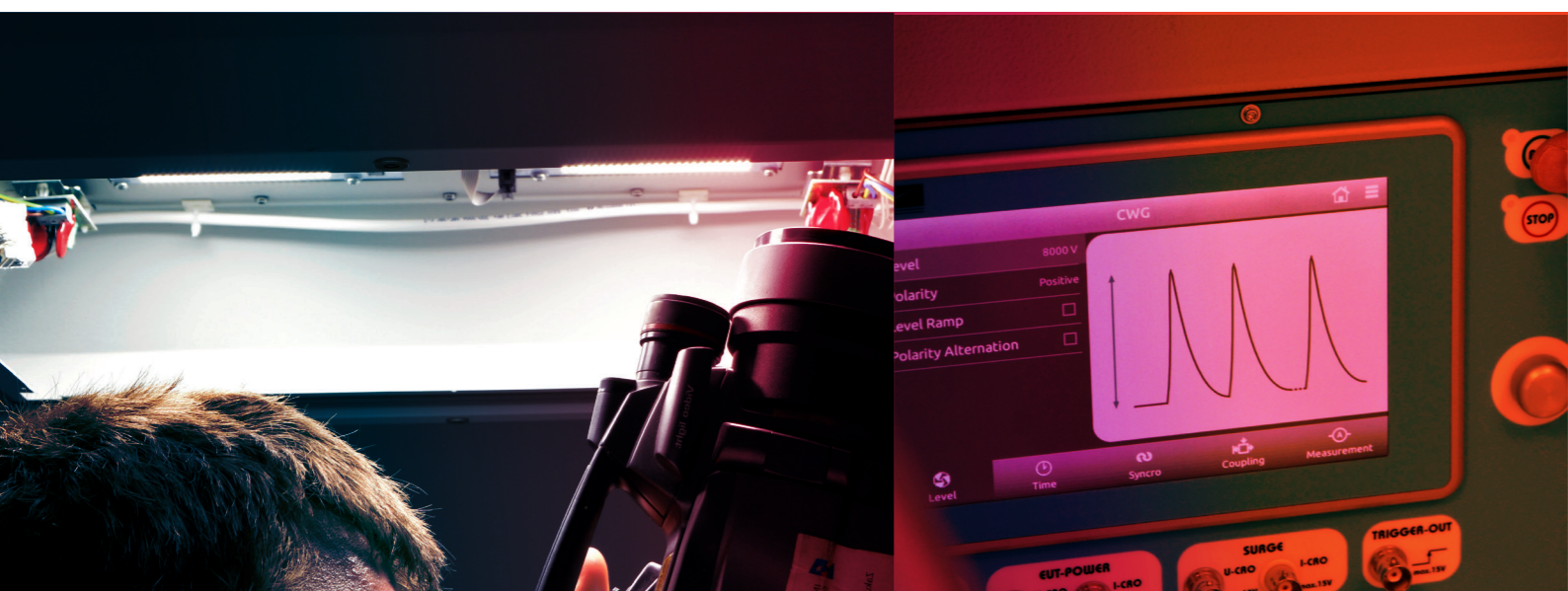
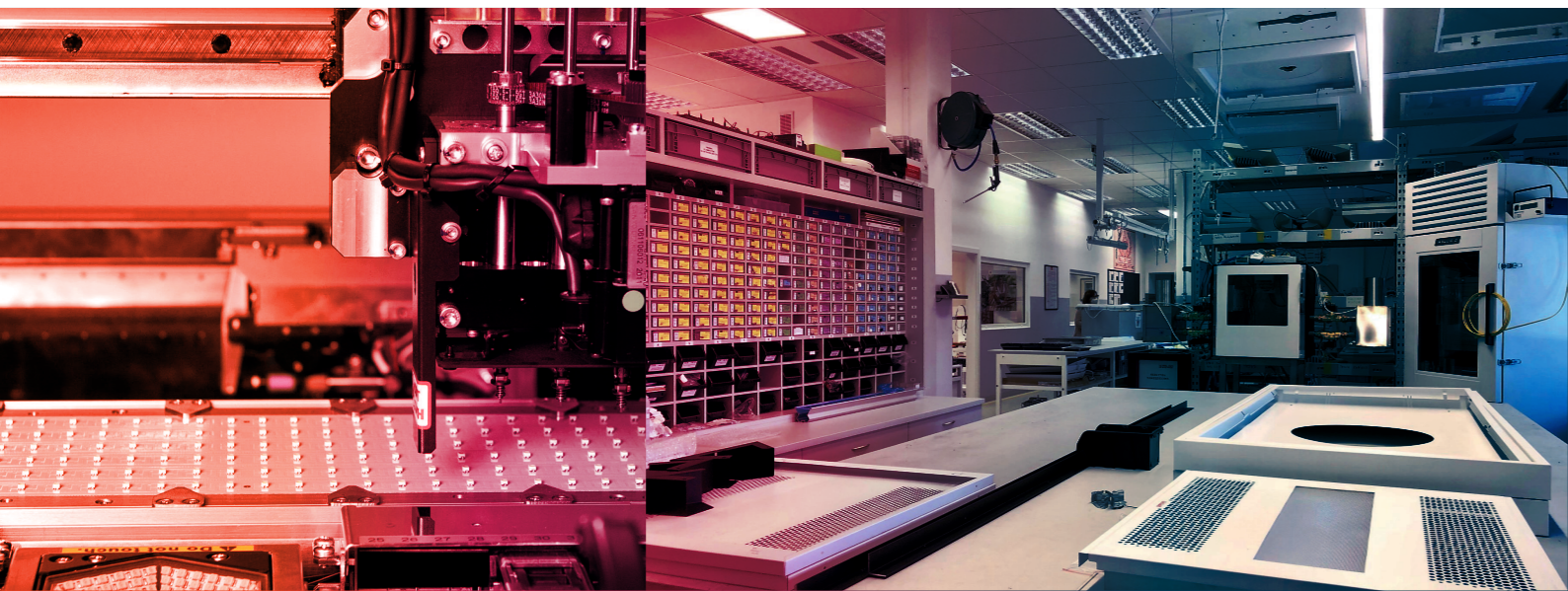
MILOO-ELECTRONICS range of products meets the highest European quality and safety standards, confirmed by the ISO certification.

The company has a unique NCAGE code to provide solutions to NATO forces. In 2020 MILOO-ELECTRONICS launched STERYLIS, a range of air disinfection and surface sterilisation equipment, whose effectiveness in eliminating viruses, including the SARS-CoV-2 virus was confirmed by independent scientific studies conducted in covid wards of hospitals in Małopolska by a team of the Collegium Medicum at the Jagiellonian University.

Our mission is to provide the market with solutions that improve the quality of our lives.

MILOO-ELECTRONICS has carried out internationally projects for companies such as: IKEA, KGHM, EUROCASH, TESCO, ABB, 3M, PKP CARGO, MAN, SCANIA, PKN ORLEN, BP, MOYA, LOTOS, IGLOO, ZEPTER, WAWEL, PROCTLE & GAMBLE, Jagiellonian University, AGH University of Science and Technology as well as a great number of health care facilities throughout the country.

We are looking forward to working with you.





# VIA

STREET LIGHT LUMINAIRE  
MADE IN POLAND

**VIA** is an LED luminaire designed and manufactured exclusively in Poland. It is designed for Polish cities and municipalities, where reducing energy costs as well as improving safety and aesthetics are particularly important.

The product features high performance, is energy efficient and meets the highest standards in terms of lighting performance and safety. An additional advantage of VIA luminaires is ease of installation and versatility.

VIA luminaire will perfectly illuminate any road, street or avenue, offering a wide range of available optics and power variants. VIA can also work with any lighting control system available on the market.



ENEC PLUS certificate confirms the reliability of the functional parameters of the VIA luminaire



SMART  
LIGHTING



## Discover the advantages of **VIA** - a street luminaire made in Poland



### HIGH LUMINOUS EFFICACY

A lenticular light system and optics dedicated to each type of road for more efficient and precise illumination of any road.



### LIFESPAN OF MORE THAN 20 YEARS

100 000 hours of operation (L90B10) means more than 20 years of effectively lit streets in your municipality or city.



### SMART CITY READY

Ready to work with any control system available on the market. VIA luminaire is compatible with ZHAGA standards and NEMA sockets as well as with an astronomical timer and other control systems.



### SAFETY

VIA luminaire features 6kV surge protection as a standard (10kV optional) and meets the requirements of protection class II.



### EASY ASSEMBLY AND INSTALLATION

A wide range adjustable handle and properly routed electrical connections combined with a convenient housing design for quick and trouble-free installation.



### PRODUCT MADE IN POLAND

VIA street luminaire is a product designed and manufactured exclusively in Poland by a company with 100% Polish capital.

# VIA

STREET LIGHT LUMINAIRE  
MADE IN POLAND

## Technical solutions

**Cable gland**  
with integrated breather

**Level-bar** for easier and quicker  
adjustment of the luminaire

**Safety disconnect**  
so-called scissor connector

**WAGO quick-connect coupling** for quick and  
easy connection of power cables

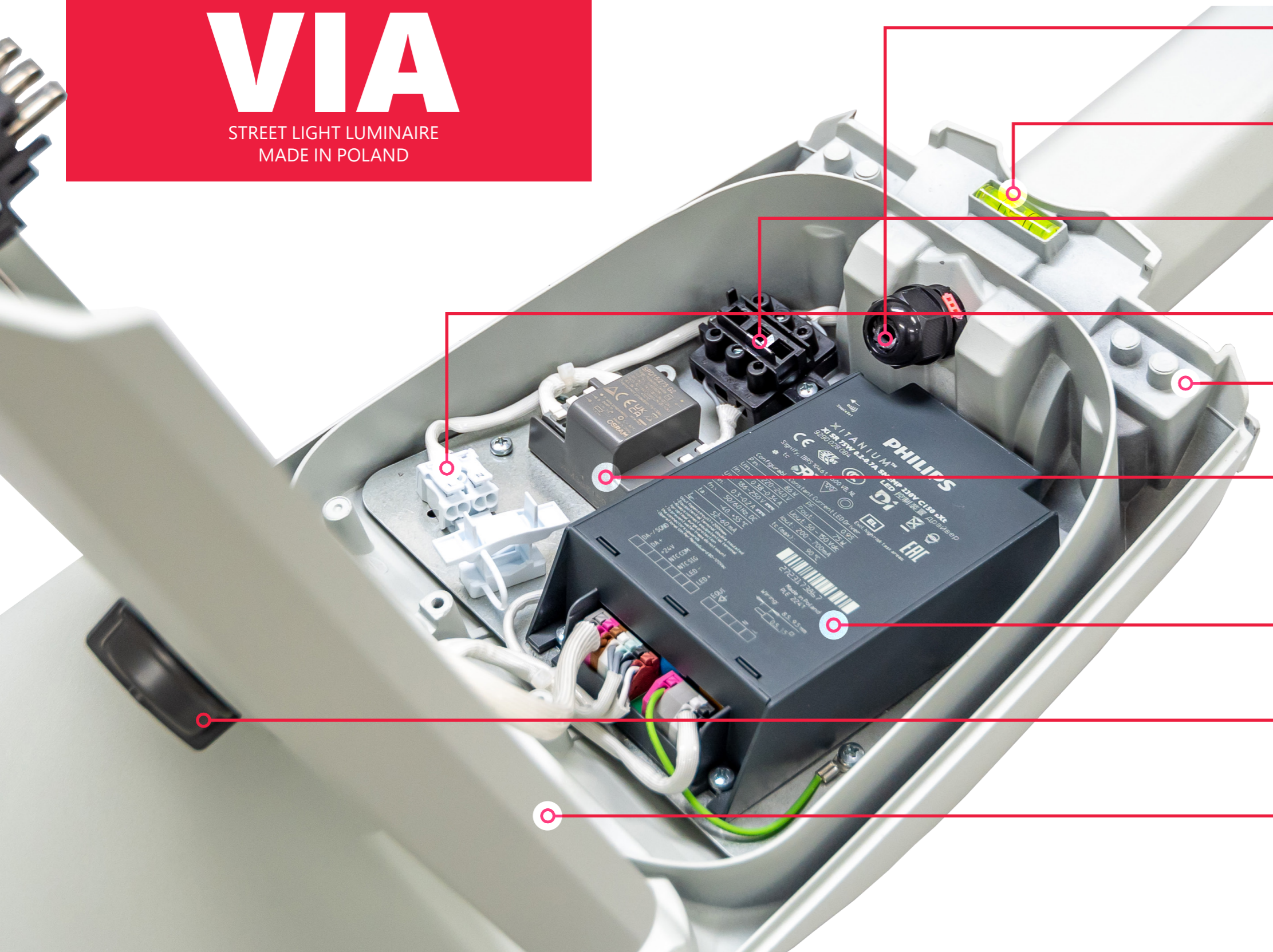
**Tool-free access** to the inside of the luminaire

**SPD module** - surge protection  
6kV, 10kV

**CLO function** - maintaining constant luminous  
efficacy over time  
**AstroDIM function** - dimming  
at pre-set times

**Zhaga-D4i** certified luminaire

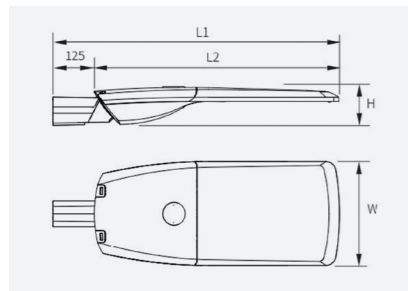
**Luminaire body opened from the top**  
for simple and easy access on the pole





# VIA

POLISH STREET  
LIGHT LUMINAIRE



## TECHNICAL SPECIFICATIONS:

|       | L1[mm] | L2[mm] | W[mm] | H[mm] | [kg] |
|-------|--------|--------|-------|-------|------|
| VIA M | 625    | 500    | 240   | 108   | 5,2  |
| VIA L | 725    | 600    | 300   | 113   | 7,4  |



APPLICATION:  
highways, streets, parking lots, plazas, outdoor sites and more.



|                                  |  |
|----------------------------------|--|
| Installation method:             | <b>on a ø60/48 mm pole</b>                                       |
| Housing:                         | <b>die-cast aluminium</b>  |
| LED:                             | <b>3 MacAdam ellipse (SDCM 3)</b>                                |
| Power supply voltage:            | <b>220-240 V / 50 Hz</b>   |
| Power factor (PF):               | <b>0,98</b>  |
| Protection class:                | <b>II</b>  |
| CRI(Ra) colour rendering index:  | <b>&gt;70</b>  |
| Impact protection rating:        | <b>IK09</b>  |
| Ingress protection rating:       | <b>IP66</b>  |
| EPA (Effective Projective Area): | <b>Via M: 0.027 m<sup>2</sup><br/>Via L: 0.034 m<sup>2</sup></b> |
| Ambient temperature:             | <b>between -35 °C and +45 °C</b>                                 |
| Ambient humidity:                | <b>20-80%</b>  |
| Durability:                      | <b>100 000 h (L90B10)</b>  |

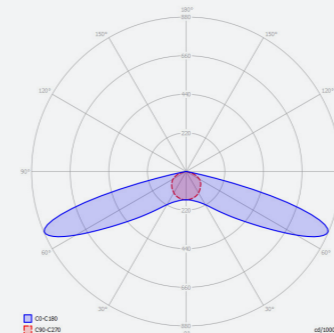
This innovative VIA road luminaire uses a state-of-the-art power supply system with excellent functional features.

The modern design of the luminaire and the fact that it is made of high-quality aluminium (die-cast powder-coated) ensure supreme durability and aesthetics. Easy access to luminaire's electronics for trouble-free maintenance and service operations.

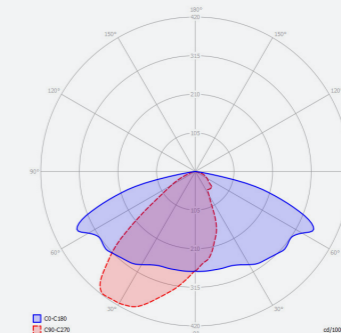
The luminaire uses high-performance lenticular LED modules with luminous efficacy >100 000 hours (L90B10), featuring low glare and protection by a tempered glass shade.



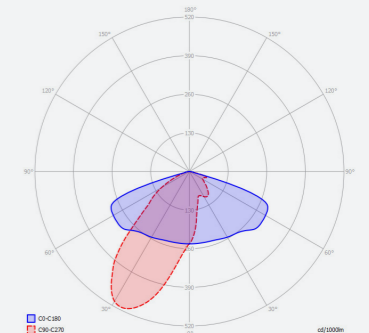
## PHOTOMETRY



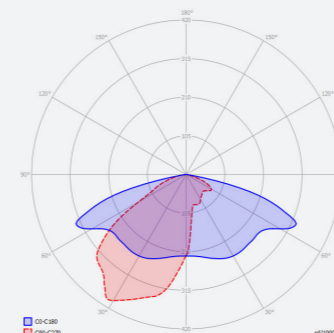
OP1 - dual carriageways, pavements, footpaths, pedestrian areas



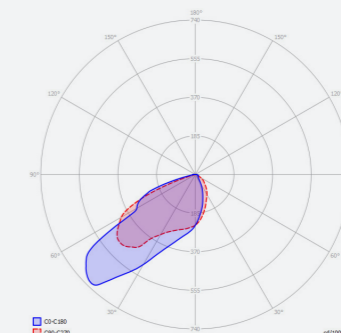
OP2 - roads of class M where the width of the road is equal to or greater than the pillar height



OP3 - roads of class M where the width of the road is equal to or less than the pillar height



OP4-IESNA Type III roads equal to or wider than height of pillar, polycarbonate

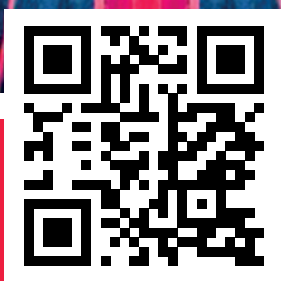


OP5 - pedestrian crossings





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[www.emiloo.pl](http://www.emiloo.pl)

**POLISH MANUFACTURER OF PROFESSIONAL LED LIGHTING**



MILOO-ELECTRONICS Sp. z o. o.  
Stary Wiśnicz 289  
32-720 Nowy Wiśnicz, Poland



+48 14 662 19 55  
+48 14 662 19 12



[biuro@emiloo.pl](mailto:biuro@emiloo.pl)