

LED street lamps

# KALIOPE KL3



Highest efficiency – up to 175 lm/W

Corrosion-resistant LEDs

A wide selection of optical systems

Various control systems available

Tool-free access to the power supply compartment

Safety knife connector

Production in Poland



# APPLICATIONS:

Street lighting fixtures  
Energy-saving solutions for lighting roads, streets,  
highways and squares, can be used as floodlights

## Maximum savings

- Highest efficiency up to 175 lm/W
- High luminous flux
- Versions with control options enable cooperation with LMS lighting management systems.

## Durability and safety

- Production in Poland
- Designed for long life
- Resistance to weather conditions
- Surge protection
- 5-year warranty with option to extend.

## Simple installation and easy maintenance

- Vertical and horizontal mounting
- Wide range of luminaire tilt angle adjustment
- Tool-free access to the power supply compartment
- Safe knife-edge power connector
- Optional standard connectors Zhaga 18
- Low operating costs.

## Standard equipment

- Power supply with protection 6/10kV surge protector
- Knife joint
- Pressure equalization valve

## Additional options

- Enhanced surge protection
- NTC thermal protection (temperature sensor on the LED module)
- Zhaga 18 connectors for communication and sensors
- Power cord



luminaire with ZD4i controller



luminaire with ZD4i sensor

## Technical parameters, dimensions and weight

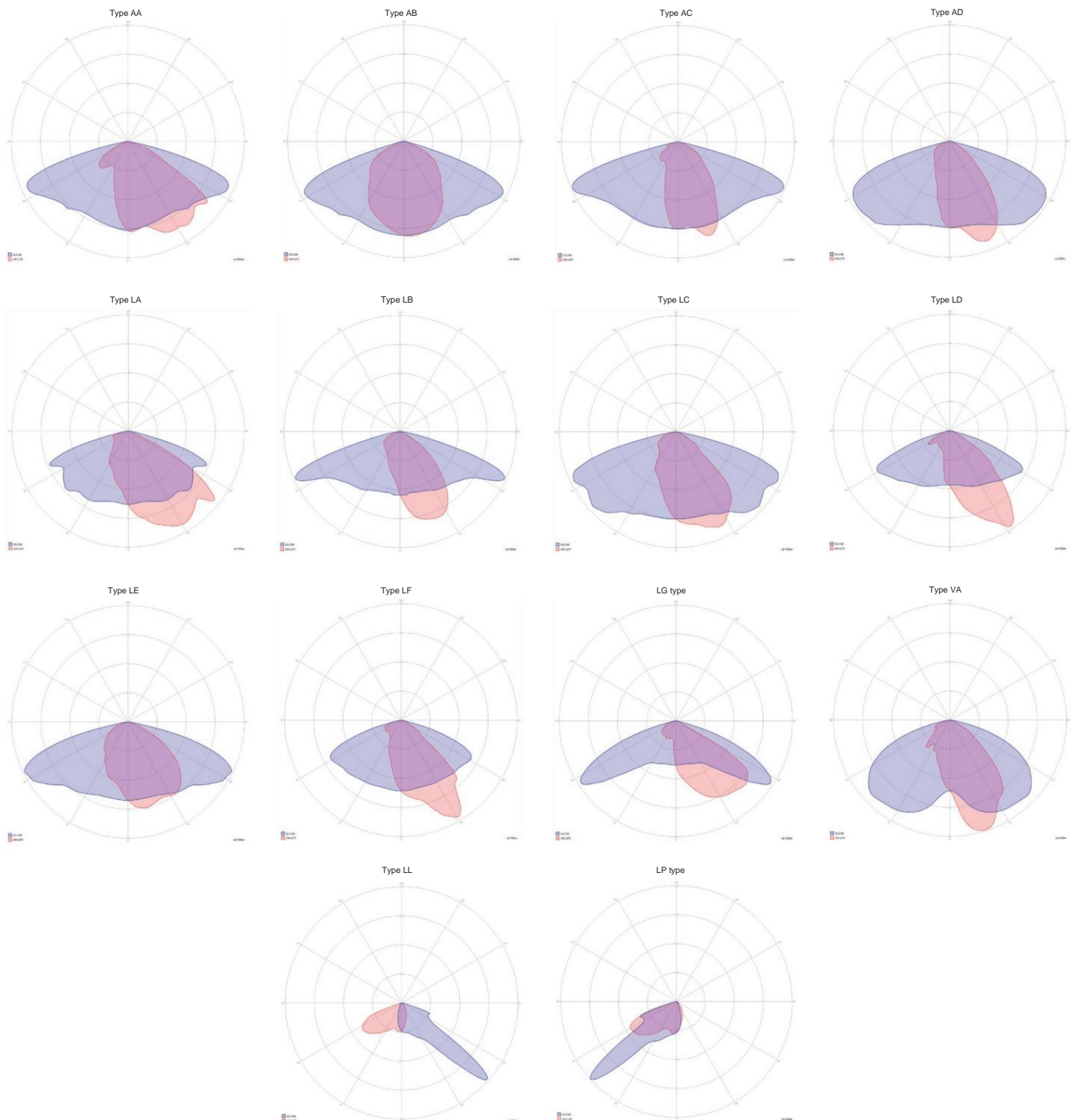
Name of the fixture	Kaliopé KL3 B	Kaliopé KL3 M	Kaliopé KL3 S	Kaliopé KL3 D
Housing material	High-pressure injected aluminum body, tempered glass cover			
Luminaire power (maximum)	10-20 W	15-40 W	20-65 W	50-120 W
Light source color temperature CCT	4000K, options: 2200K, 2700K, 3000K, 5000K, 5700K			
Luminaire luminous flux (max. power, 3000-5000 K, Ra 70)	3,200 lm	6,600 lm	11,050 lm	21,000 lm
Luminaire luminous flux (max. power, 2700 K, Ra 70)	3,000 lm	6,200 lm	10,700 lm	19,200 lm
Class of protection against electric shock	I, II			
Supply voltage	220-240V AC			
Network frequency	50/60 Hz			
Power factor (max power)	PF > 0.95			
Control	D4i, DALI, 1-10V, none			
Color rendering index	Ra > 70, Ra > 80			
Operating temperature range	-40°C to +50°C			
LED lifespan (Ta = 25 °C) L90B10	>100,000 hours			
IP housing protection class	IP66			
The degree of mechanical resistance of the IK housing	IK09			
Mounting pole diameter	Ø60, Ø50, Ø76 mm			
The range of the lamp angle adjustment	± 15°			
Luminaire mounting height	4 – 6 m	4 – 6 m	5 – 10 m	6 – 12 m
Frame weight	3.1 kg	3.7 kg	5.0 kg	7.5 kg
L (mm)	545	577	627	768
In (mm)	185	233	271	301
H (mm)	103	103	103	104

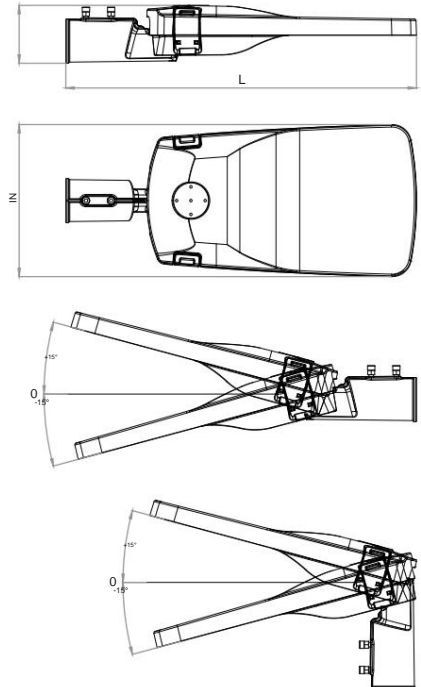
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# KALIOPE KL3

## Light distribution curve configuration

Examples of light distribution curves for lenses:





## Coding of the KALIOPE luminaire series

KL3- PSP b ER f TC - OO hj xx	
<b>KL3</b> product code - Kaliope KL3 fixture	
<b>PSP</b> power supply power [W]	010 - 10 W 015 - 15 W ... 115 - 115 W 120 - 120 W
<b>b</b>	method of controlling the power supply N – no control "- " – 1-10 V control D – DALI control K – D4i Zhaga 18 communication connector M – D4i Zhaga 18 sensor connector R – D4i 2x Zhaga 18 communication and sensor connectors
<b>E</b>	Class of protection against electric shock 1 – Protection class I 2 – Protection class II
<b>R</b>	Frame size B – very small L = 546 mm M – small L = 577 mm S – medium L = 627 mm D – large L = 768 mm
<b>f</b>	Surge protection "- " – built-in 6/10 kV H – additional 10/10 kV

<b>T</b>	color temperature of light [K] A – 2200 K      2 – 2700 K 3 – 3000 K      4 – 4000 K 5 – 5000 K      E – 5700 K
<b>C</b>	color rendering index [CRI] 7 – Ra > 70    8 – Ra > 80
<b>OO</b>	optics type: AA-AD, LA-LG, LL, LP, VA
<b>h</b>	NTC thermistor 0 - none 1 – thermistor on the LED module
<b>j</b>	mounting bracket size 6 – 60 mm 5 – 50 mm 7 – 76 mm
<b>xx</b> internal code (optional)	

















**Coding example**  
**KL3-065N1M-47-AA06**

**KL3** Kaliope KL3 **065**  
power supply power: 65 W  
**N** without control  
Class I protection against electric shock  
1 housing size – medium, L = 627 mm  
**S** surge protection 6/10kV  
**4** color temperature 4000 K  
**7** CRI > 70  
**AA** optics type AA  
**0** no NTC thermistor  
**6** mounting bracket 60 mm

Technical specifications are subject to change  
240417V03

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# KALIOPE KL3

 MADE IN POLAND CE	KALIOPE	 20/40/ 65/120 W	 B/M/S/D	 / 	 4000 K	
	KL3 230 VAC	 100,000 hours	 3.7 - 7.2 kg	 IP66	 70	
		 .. 175 lm/W	 NS/r1-10 V/ DALI/D4i	 IK09	 -40° .. +50°C	T.GLASS

## Company

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