



Street luminaires

KALIOPE

Class-leading efficacy – over 175 lm / W

Corrosion-resistant LEDs

Wide selection of optics

Various control systems available

Tool-free power supply compartment access

Safe pin connector

Manufactured in Poland



Highly efficient
street luminaires.
Energy-saving lighting
solutions for streets, roads
motorways and squares,
with extra floodlight
functionality



Maximum savings

- Class-leading efficacy > 175 lm / W
- High luminous flux
- Luminosity control options available for lighting management systems.

Durability and safety

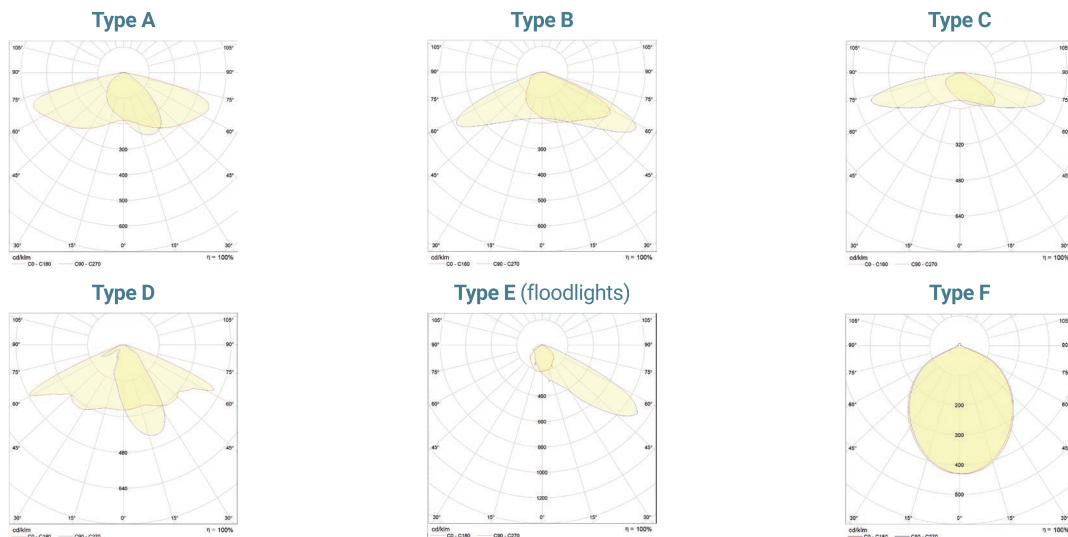
- Manufactured in Poland
- Long life operation
- Resistance to weather conditions
- Breather valve for pressure equalization
- Overvoltage protection
- 5 years (opt. 7 years) warranty.

Simple installation and easy maintenance

- Vertical and horizontal mounting
- Adjustable mounting angle
- Tool-free power supply compartment access
- Safe pin power connector
- Low operating costs.

Light distribution curve configuration

Example light distribution curves for lenses:



Technical parameters, dimensions and weight

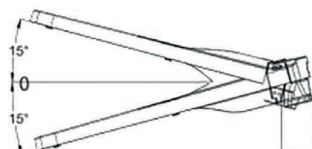
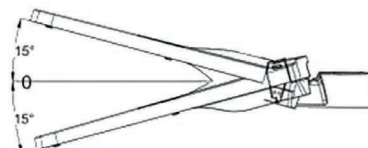
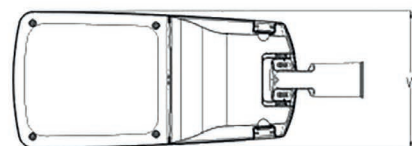
Luminaire name	Kaliope M	Kaliope S	Kaliope D
Housing material	Pressure-injected aluminum body, tempered glass diffuser		
Luminaire power (maximum)	40 W	65 W	120 W
Color temperature of the CCT light source	3000 K, 4000 K, 5000 K		
Luminous flux (max power, 4000 K, Ra 70)	6680 lm	11180 lm	20640 lm
IEC protection class	I, II		
Supply voltage	190-265 V ac		
Network frequency	50/60 Hz		
Power factor	PF > 0.95		
Control (options)	DALI, PWM, 0 – 10 V, astronomical clock		
Color rendering index	Ra > 70, Ra > 80		
Working temperature	-40°C to +50°C		
LED lifetime (Ta = 25 °C) L90B10	120.000 hours		
IP class	IP66		
The degree of mechanical strength of the casing IK	IK09		
Mounting pole diameter	Ø60 mm		
Adjustment range of the luminaire angle	± 15°		
Luminaire mounting height	4 – 6 m	6 – 10 m	8 – 12 m
Weight	3,7 kg	5,0 kg	7,2 kg
L (mm)	577l	627	768
W (mm)	233	271	301
H (mm)	103	103	104

Standard equipment

- Power supply with overvoltage protection
6 kV (L-N) / 10 kV (L/N-PE)
- Pin connector

Additional options

- 10 kV overvoltage protection
- NTC thermal protection (temperature sensor on the LED module)
- Dusk sensor
- NEMA connector for wireless communication



Name coding of the KALIOPE luminaire series

KL1-PSPbERfTC-0000

KL1	product code – Kaliope luminaire
PSP	PSU power [W]: 40 W 65 W 120 W
b	Power control N – no control Z – 0-10 VD control D – DALI control C – astronomical clock K – wireless communication (NEMA connector)
E	IEC Protection class 1 – class I 2 – class II
R	Luminaire size M – small L = 577 mm S – medium L = 627 mm D – large L = 768 mm
f	Overvoltage protection „-“ – 6 kV (L-N) / 10 kV (L/N-PE) H – 10 kV (L-N) / 10 kV (L/N-PE)
T	color temperature [K] 3 – 3000 K 4 – 4000 K 5 – 5000 K
C	color rendering index [CRI] 7 – Ra > 70 8 – Ra > 80
0000	optics A000 – type A B000 – type B C000 – type C D000 – type D E000 – type E F000 – type F

Coding example

KL1-040N1MH47-A000

KL1	Kaliope version 1
040	power supply: 40 W
N	No control
1	IEC class 1
M	luminaire size – small, L = 577 mm
H	overvoltage protection 10 kV (L-N) / 10 kV (L/N-PE)
4	color temperature 4000 K
7	CRI > 70
A000	type A optics

Technical specification is subject to change
200720V03



Tool-free power supply
compartment access

Safe pin connection

Mounting to pipes diam. 60 mm