

46 KUNGSLYKTA 24-LED

Construction:

The unit consist of a body. A shade is mounted to the luminary body with a frame. A disk separating electrical compartment from lighting compartment, is attached to a luminary body. A LED light sources radiator is settled to the disk. LED modules are mounted to the radiator with a set of lenses, by screws. The modules are powered with a power supply. The luminary cover is mounted to the luminary body with a hinge and closed with a screw so no additional tools are necessary. The luminary is sealed with a gasket. As an option, we equip the luminary with a ZHAGA socket.

Mounting instructions:

- *) - Mount the shade to the body with a frame. Tighten mounting bolts.
- *) - Screw the LED light sources with a lenses to the radiator, mount a disk to the body
- *) - Connect the electrical cables according to the scheme.
- Close the cover, screw the bolt using hand.
- Luminary is mounted to the lantern depending on the pole construction - either hanging on M20 thread or mounted on the top of the pole on $\varnothing 45\text{-}\varnothing 90$ diameter.

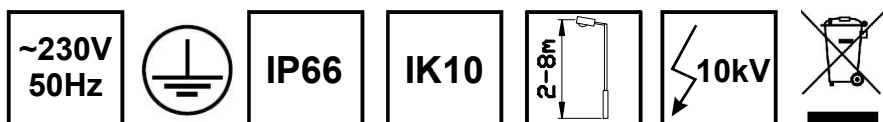
If any lantern elements are supplied factory-mounted, the mounting stages marked with *) should be omitted (as this has already been done by the manufacturer).

Technical data:

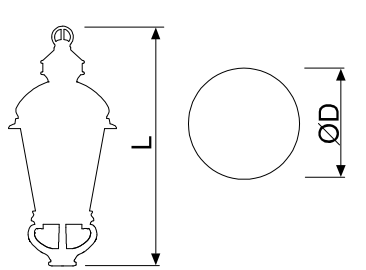
- Power: **~220-240V / 50-60Hz**
- Ambient/work temperature : **-35°C do +35°C**
- Protective class: **I**
- Ingress protection code: **IP66**
- Mechanical impact protection code: **IK10**
- Surge protection: **to 10kV**
- Life time: **L90, B10 >100 000h**
- Controls method: **1-10V, DALI, Ampdim, Dynadimmer,**
as an option - **socket ZHAGA with SR driver (D4i),**

Application:

Lighting: roadways, pavements, bicycle paths, markets, parks, parkings,



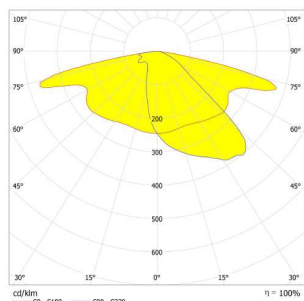
Product equipped with a replaceable light source LED - options:

Symbol	Light source	Luminous flux [lm]			Pn [W]	If [mA]	Weight [kg]	Luminary dimensions	
		2700K (827)	3000K (830)	4000K (840)					
46 L-25W	24-LED G5	2641	2781	2940	25	300	11,0	 Pole nawiewu A = 0,23m² L/D 1080/485	
46 L-32W	24-LED G5	3434	3615	3822	32	400	11,0		
46 L-39W	24-LED G5	4196	4417	4670	39	500	11,0		
46 L-46W	24-LED G5	4931	5191	5488	46	600	11,0		
46 L-54W	24-LED G5	5643	5940	6281	54	700	11,0		
46 L-61W	24-LED G5	6335	6668	7051	61	800	11,0		

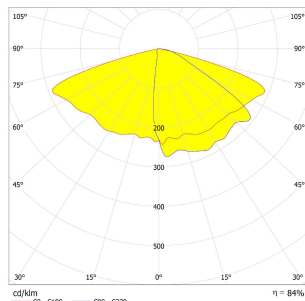
Luminous flux values shall be declared for ambient temperature 25°C. The class of modules used assumes 5% tolerance of the declared luminous flux value. The weight of the unit may slightly differ for individual production batches.

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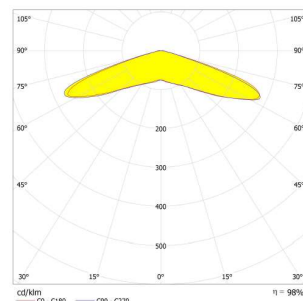
Available lenses - Photometry (polar plot) :



1. Basic lens ME

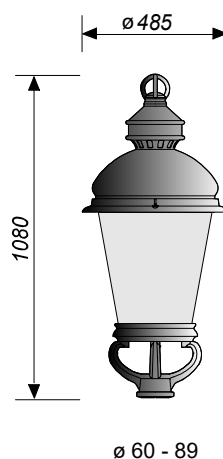


2. As an option lens T3

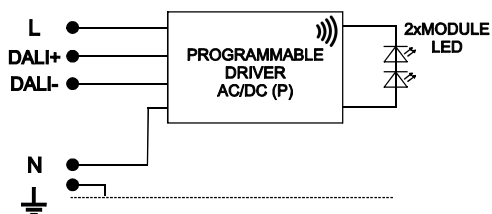
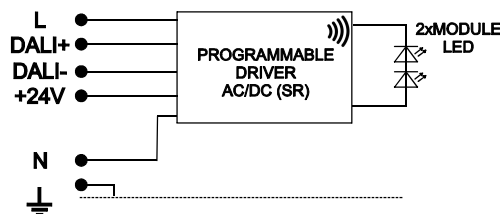


3. As an option lens VSM

Versions/assembling:



Electrical diagrams:


 1. Light source LED
(basic version - programmable driver)

 2. Light source LED
(version as an option - Sensor Ready driver)

-programmable driver (P) enables programming of a five-steps power reduction, surge protection to 10kV

-programmable driver (SR) enables to be powered wireless communication devices, via a ZHAGA socket, surge protection to 10kV

-detailed specifications of the power supplies include catalogue cards of their manufacturers, which we provide on request