

29 TECHNO 24-LED

Construction:

The unit consists of a body (1) closed on the top with a bonnet (2) with hinge. Tools are not necessary, to open a luminaire unfasten buckles (3). The body is mounted to the pole with adjustable joint (4) which enables to regulate its position. Optical part of the luminaire with LED modules (5) and lenses (6) is tightly closed by shade (7) with a frame (8). Power supply (9) is placed in a separate, hermetic compartment. The tightness of the luminaire ensure theseals (10). As an option, we equip the luminaire with a ZHAGA socket (11)

Mounting instructions:

- Lead the cable through the joint and place a luminaire on the pole or arm (diameter $\varnothing 60\text{-}\varnothing 76\text{ mm}$)

*) - Make electrical connections in accordance with the markings. Tighten the cable glands.

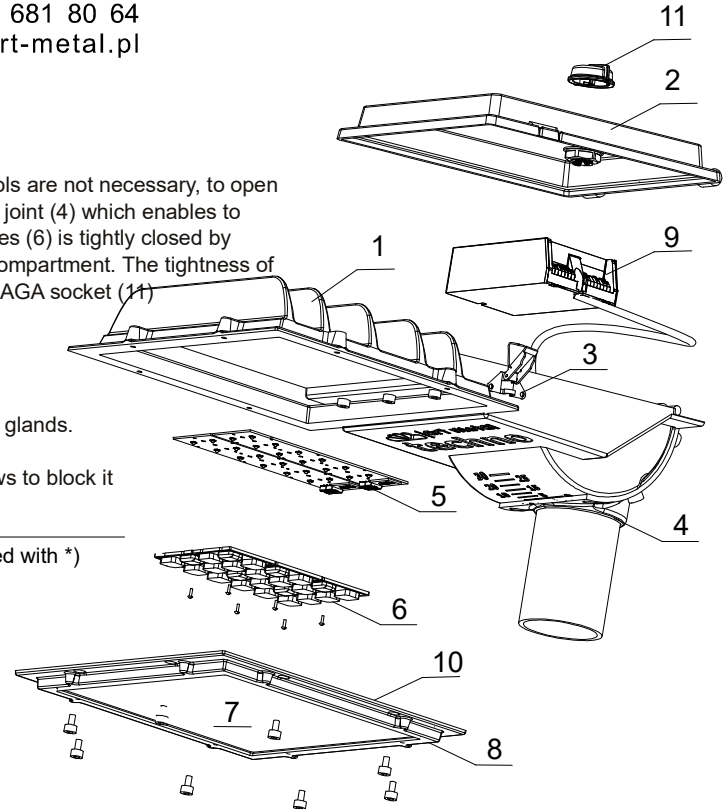
- Close the bonnet (2), fasten to the body (1) with buckles (3).

- Angle of the luminaire is regulated with a scale on the joint (4). Tighten the screws to block it on the correct position.

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 : **-30°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),**

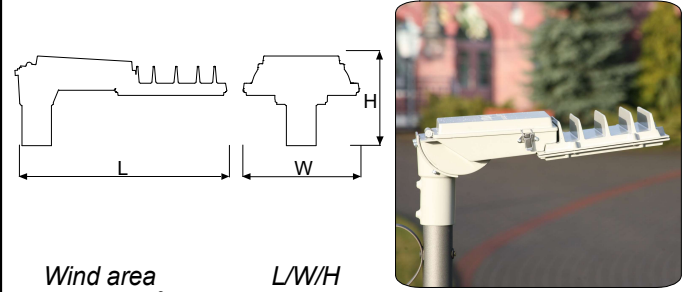


Application:

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



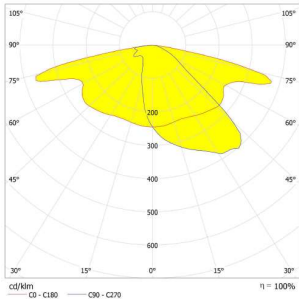
Product equipped with a replaceable light source LED - options:

Product Symbol	Light source	Luminous flux [lm]			Pn [W]	If [mA]	Weight [kg]	Luminaire dimensions
		2700K (827)	3000K (830)	4000K (840)				
29 L-25W	24-LED G5	2641	2781	2940	25	300	5,5	 <p>Wind area A = 0,14m²</p> <p>L/W/H 495/275/210</p>
29 L-32W	24-LED G5	3434	3615	3822	32	400	5,5	
29 L-39W	24-LED G5	4196	4417	4670	39	500	5,5	
29 L-46W	24-LED G5	4931	5191	5488	46	600	5,5	
29 L-54W	24-LED G5	5643	5940	6281	54	700	5,5	
29 L-61W	24-LED G5	6335	6668	7051	61	800	5,5	

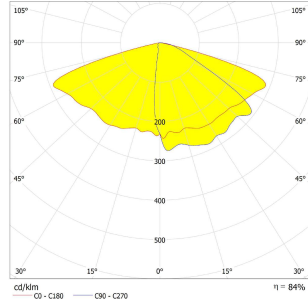
Luminous flux values shall be declared for ambient temperature 25°C. The class of modules used assumes 5% tolerance of the declared luminous flux value. The weight of the unit may slightly differ for individual production batches.

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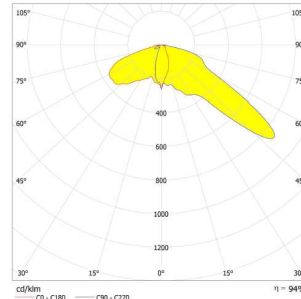
Available lenses - Photometry (polar plot) :



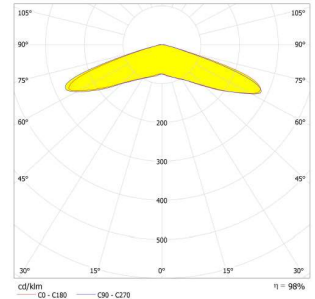
1. Basic lens ME



2. As an option lens T3

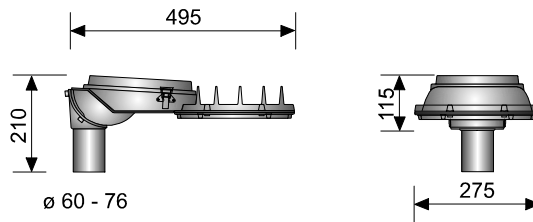


3. As an option lens PX

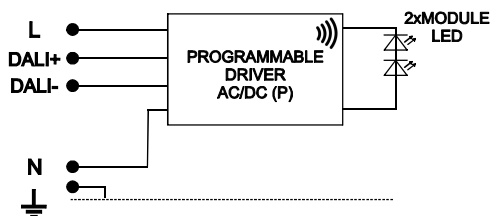


4. As an option lens VSM

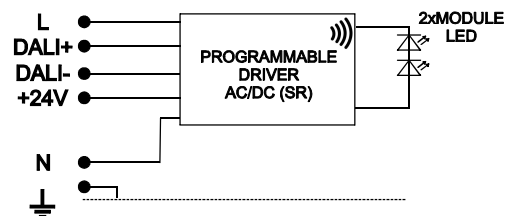
Versions/assembling:



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