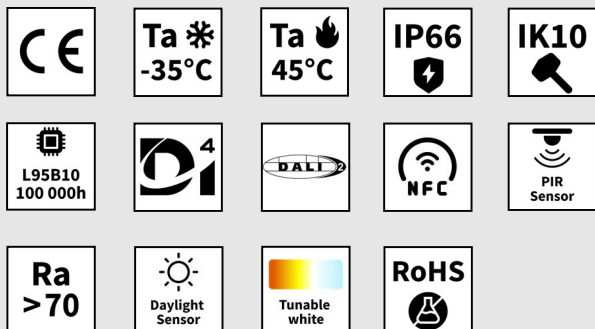


KIRA – ZHAGA D4i READY | PHOTOCCELL | IoT RF NODE



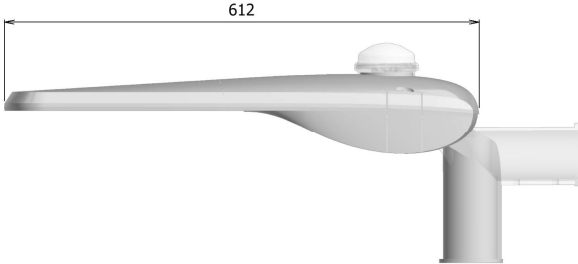
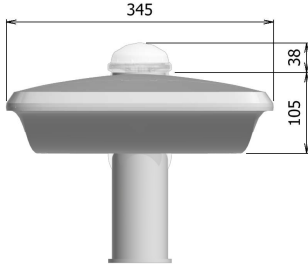
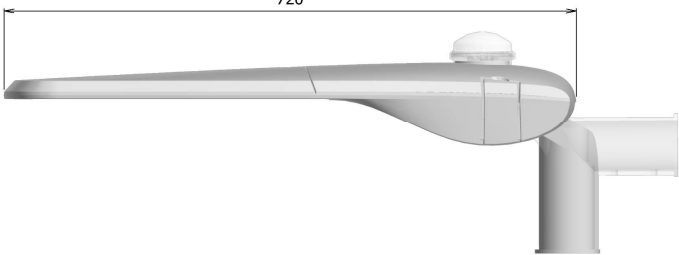
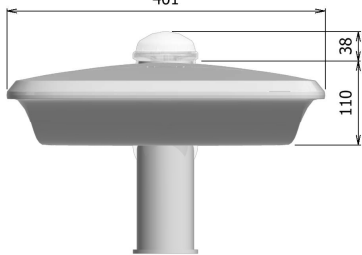
MAIN CHARACTERISTIC

Variable LED road luminaire with high efficiency designed for roads and areas of all types where minimal maintenance and long service life are important.



STANDARD VERSION		MODIFICATION OPTIONS	
CCT	2 700 K, 3000 K	CCT	PC Amber, 4 000 K, 5 700 K
CRI	Ra>70	CRI	Ra>80
Ingress protection	IP66, approved for normal operation within a relative humidity range of 10–90%	Ingress protection	IP67
Impact protection	IK10	Power range	11–180 W
Power factor	≥ 0.97	Optics for pedestrian crossing	Right-hand traffic
Luminous efficiency	≥ 90%	Controls and connectivity	Virtual midnight, CLO, 1–10V, DALI, ZHAGA socket, NEMA socket, chronoSTEP-VM, Bluetooth control module (allows control, configuration and diagnostics the luminaire via a smart device), equipped with a GPS and a communication module with two-way data transmission for communication with the control management system (CMS), equipped with a PhotoCell sensor reaction to daylight, equipped with a PIR sensor responsive to motion and light
Ta (Ambient temperature)	From -35 °C to 45 °C	Colour	According to RAL
Efficiency	Luminaire: up to 162 lm/W (for CCT 2 700 K) LED: up to 212 lm/W (for CCT 2 700 K)	Electrical protection	Against overvoltage 12kV/6kA, overload, short circuit, undervoltage and load disconnection
Working temperature	≤ 70 °C	Protection class	Class II
Lifespan (LED)	L95B10>100 000 hours	Safety	Equipped with a fuse when mounted on the pole, eliminating inrush current
Ballast life	≥ 100 000 hours	QR code	Possibility of applying a QR code with a technical parameters of the luminaire
Optical system	Optical lens on each LED chip More than 60 beam types		
Housing	All-aluminium (pressure die-cast certified aluminium alloy)		
Body surface finish	Powder coating		
Colour	Grey, RAL		
ULOR	0%		
Rated voltage	195–264 V, 50 Hz		
Electrical protection	Against surges 10kV		
Protection class	Class I		
Safety	Automatic disconnection of electrical components when opening the luminaire		
Fixture mounting	Adjustable bracket for arm/pole up to ± 10° (ø 48–60 mm)		
Luminaire design	Tool-free opening of the luminaire Separate ballast and optical part of the luminaire All components (ballast, optical part, module) can be replaced without removing the luminaire from the pole No external fins and cooling gaps, self-cleaning effect		

SCHEME

 KIRA M	 6,8 Kg
 KIRA L	 11 Kg

MODIFICATION

 ZHAGA D4i READY	 PHOTOCELL	 IoT RF NODE
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OPTICS (selection of the most used types)

