



Luminaire parameters



Power consumption	8 – 150 W
Chromaticity temperature	2200K, 2700K, 3000K, 4000K, 5700K
Luminaire light output	at least 130 lm/W
Light output diode	at least 160 lm/W
CRI color rendering index	Ra > 70 (Ra > 80)
Luminous efficacy	≥ 90%
LED lifetime	100,000 hours - L90B10 120,000 hours - L80B50 150,000 hours - L70B50
Optical part	PMMA optics on each LED (> 25 types of optics)
Limiting distracting light	the option of installing a BACKLIGHT screen
ULOR	0.00%
Ballast	electronic fully programmable, DALI, SMART CITIES support
Regulating and dimming	AstroDim, ChronoSTEP, Midnight, CLO settings included in the price of the lamp
Governance, Smart Cities	the possibility of fitting a ZHAGA/NEMA socket for communication modules LoraWan, NB-IoT, GSM, LTE support
Rated voltage	100-277V, 50 Hz
Energy efficiency	>93.5%
Ambient operating temperature	-40° to +60°C
Effector PF	0.98/0.97
Overvoltage protection	10kV / 5kA (IP67)
Electrical insulation class	I. / II.
Working temperature of the lamp	≤ 70°C
Degree of coverage	IP66
Mechanical durability	IK10
Ballast life	≥ 100,000 hours
Luminaire body	from die-cast aluminum certified alloy
Diffuser	tempered glass 4 mm
Surface finish	powder dye
Color	grey-silver, RAL, AKZO
Attachment	integrated tilting boom / mast holder ± 20° (ø48-60 mm)
Safety connector	disconnection of the power supply when opening the lamp cover
Construction of the lamp	smooth and clean without ribbing, self-cleaning effect separate upstream and optical part opening without tools (clips) bushing (diaphragm) for equalizing pressure replacement of parts of the light fixture (ballast, LED module, optics, diffuser) is possible on the mast ballast exchange without the use of tools
QR code	the light is marked with a QR code (TESLOC application)
Guarantee	60 months
Certification	ENEC+, ENEC, CE, CB, RoHS, EMC, LVD, IK, IP



LED street lighting fixture

Lamp variant:	20W	30W	40W	50W	60W
Catalog number:	TVO60SQ20N	TVO60SQ30N	TVO60SQ40N	TVO60SQ50N	TVO60SQ60N
Luminous Flux:	3063lm	4621lm	5938lm	7315lm	8577lm
Fixture mounting:	Ø48-60mm	Ø48-60mm	Ø48-60mm	Ø48-60mm	Ø48-60mm
Tilt Bracket:	integrated	integrated	integrated	integrated	integrated
	-20° - +20°	-20° - +20°	-20° - +20°	-20° - +20°	-20° - +20°
Electrical insulation class:	I/II.	I/II.	I/II.	I/II.	I/II.
Weight:	4,5kg	4,5kg	4,5kg	4,5kg	4,5kg
Dimensions:	613 x 240 x 109 mm	613 x 240 x 109 mm	613 x 240 x 109 mm	613 x 240 x 109 mm	613 x 240 x 109 mm

Lamp variant:	75W	90W	120W	150W
Catalog number:	TVO60SQ75N	TVO60SQ90N	TVO60SQ120N	TVO60SQ150N
Luminous Flux:	10291lm	12151lm	15709lm	18727lm
Fixture mounting:	Ø48-60mm	Ø48-60mm	Ø48-60mm	Ø48-60mm
Tilt Bracket:	integrated	integrated	integrated	integrated
	-20° - +20°	-20° - +20°	-20° - +20°	-20° - +20°
Electrical insulation class:	I/II.	I/II.	I/II.	I/II.
Weight:	4,5kg	5,9kg	5,9kg	5,9kg
Dimensions:	613 x 240 x 109 mm	683 x 260 x 109 mm	683 x 260 x 109 mm	683 x 260 x 109 mm

ZHAGA ready



Backlight cover



Integrated spirit level



IP66

IK10

TRIDONIC
DRIVER

LUMILEDS
CHIP

ECG
ASTRODIM

CE

MEANWELL
DRIVER

NEMA
READY

DALI

OSRAM
CHIP

PLUS
ENEC
+

