

STREET LIGHTING FOR TOMORROW



TERA E



Electrical connection CLASS II :
Neutral /Phase are connected to
safety switch; for Class I earth
wire to be connected on earth
stud in housing. 1-10V or DALI
incoming wiring is connected to
a separate termination block.

Closing clip made of very corrosion
resistant die-cast aluminium, fixed
to the frame with stainless steel
spring, for easy and tool-less
operation.

Gear tray made in high thermal
and mechanical resistance steel or
thermoplastic material (30%
fibreglass), tool free removable
after disconnecting the plug.

Gasket IP66 for
complete luminaire .

Fall protection

Cable connection M20
cable gland with strain
relief, for cable ϕ 10-
14mm.

Entry for ϕ 60mm.

Flat toughened glass to
prevent upward light. Fixed to
the frame with metal clips for
easy replaceability. Very high
light transmission to optimise
the light output ratio.

Housing is made of very
corrosion resistant die-cast
aluminum. Polyester powder
coated painting after
chemical washing treatment.

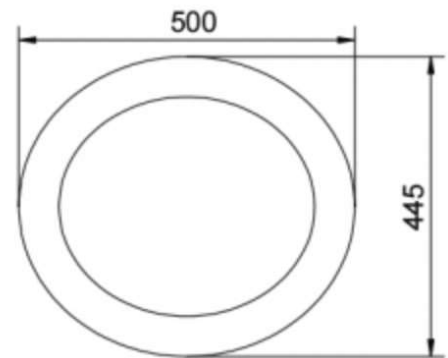
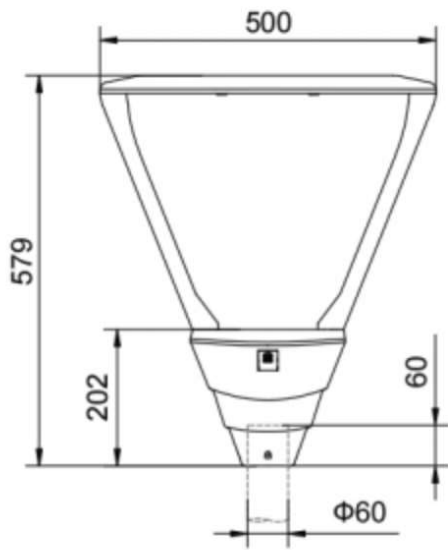
OSRAM or INVENTRONICS
driver, optional programmable,
1-10V or DALI. SPD and EMI
as per request.

Mounting with four stainless
steel M8 bolts (extra long
bolts for small column can
be ordered with luminaire).

Dark Grey Metal Grey Matt Black Matt White



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TECHNICAL DATA

TERA E	
weight	6,5 kg with spigot
rated power (input)	up to 60W depends on type and settings
number of LEDs	36 or 64 LEDs depends on type
assembly height	4÷10m
power factor (PF)	$\phi > 0,95/0,90$ - full load at 230 V/half load at 230 V
LED type	OSRAM OSLONIQ
colour temperature	4000° K (optional 3000°÷6500°K)
colour rendering index	typ. CRI >72 up to 82 depends on type
luminaire's efficiency	>124lm/W in all operations modes
service life	100.000 hours LED and electronics
ambient temperature	-40°C ÷ +60°C
rated voltage	170÷264VAC, 50÷60Hz
IP protection	IP66
protection class	Class II, Class I
surge protection	DM 6kV, CM 10kV optional additional SPD 10kV or 20kV
attachment dimension	on mast, 40 – 60mm
warranty	10 years mechanical parts, up to 7 years electronics
luminaire colour finish	RAL7024 different colours on request

FEATURES

AstroDIM for autonomous dimming (astro, time mode)
MainsDIM function for dimming via reduction of line voltage amplitude
Isolated DALI interface for bidirectional telemanagement system
Isolated 0-10 V interface for unidirectional telemanagement systems
Constant lumen function
Overtemperature protection via external NTC
Standby power consumption: < 0.2 W
Protection through double isolation between mains input and LED output
NEMA C136.41 or Zhaga book 18 socket
Always-on Auxiliary Power
full remote control functionality with command module (ISM band)

