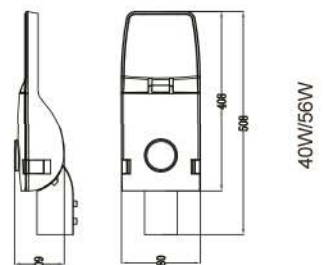
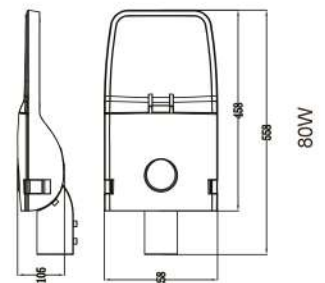
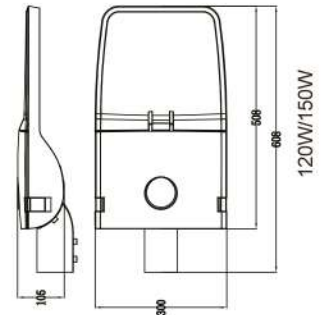


**LED Streetlight  
T68 Nero - Specification Sheet**

Model	T68
Nominal Wattages (W)	40W / 56W / 80W / 120W / 150W
Nominal Voltage	AC10 0~2 77V - 50~60 Hz
Rated luminous efficacy (lm/w)	140±10
Nominal luminous flux	5600±400/7000±500/11200±800/16800±1200/21000±1500
Beam Angle	T2-S - T3-M
LED Quantity	16pcs 5W /36pcs 5W/48pcs 5W/64pcs 5W EMC5050
CRI	>70Ra
Operating frequency	47- 63H z
Type of current	AC 100~277V
Power factor	>0.9
Efficiency in %	>92%
Start time ( 0.2s / 0.5s / ... )	0.1 S
Warm-up time to 60%	0.5 S
Available light colors	Warm white / Natural white / Daylight white
Available color temperatures	3000K / 4000K / 5000K / 6000K
Color rendering index Ra	>70
Standard deviation of color	<5
UGR (Unified Gl are Rating)	<27
Available beam angles	T2-S T3-M
Type of protection	IP66
Tested dielectric strength	3.75KVac
Safety features	Open circuit protection/Short circuit protection/Overvoltage protection
Certificates	ENEC, TUV, GS, CB, CE, RoHS SAA, C-Tick,RCM
Energy efficiency class	A++
Heatsink temperature	- 20 ~+ 69°
Ambient temperature	- 30 ~+ 40°
Storage temperature	- 40 ~+ 80°
Rated nominal Lifetime	100.000 hours
Switching cycles	100.000 times
Lumen maintenance at e.o.l	80%
LED Device Lifetime	L70 / B50
Base / Socket	Directly wired
Dimmable	1-10V dimmable, DALI dimmable
Model 2	T68-40W/56W / T68-80W / T68-120W / T68-150W
Dimensions	508*180*109MM / 558*258*105MM / 608*300*105MM / 608*300*105MM
CTN SIZE(CM)	67*28.5*22.5 / 67*34.5*22.5 / 72*39.5*22.5
QTY / CTN	1PCS
Net Weight / pcs (kg)	5 / 6.7 / 8.2 / 8.4
Gross Weight / CTN (kg)	6.6 / 8.5 / 9.2 / 9.4

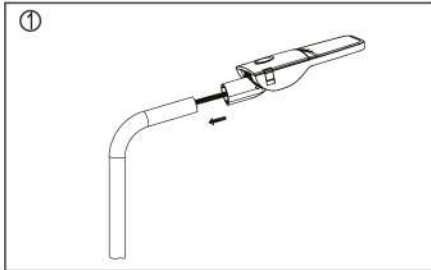


**Size drawing**

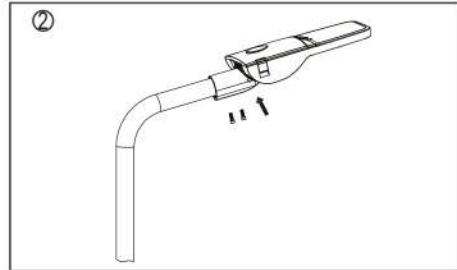


**Instructions**

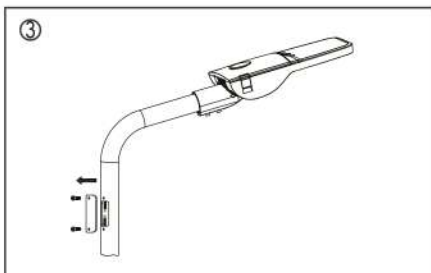
- Mount the fixture on the pole; first inserting the cable into the pole and then place the slip-fitter on the pole
- Secure the fixture by tightening the two screws
- Open the maintenance opening at the bottom of the pole
- Connect the cable to the power line



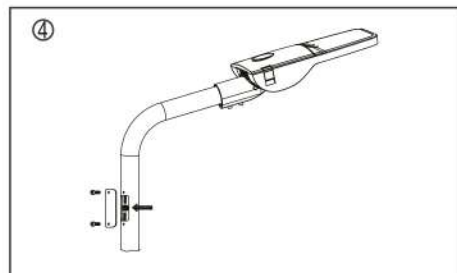
Mount the fixture on the pole



Secure the fixture by tightening the two screws



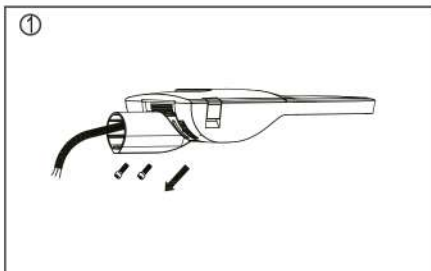
Open the poles maintenance opening



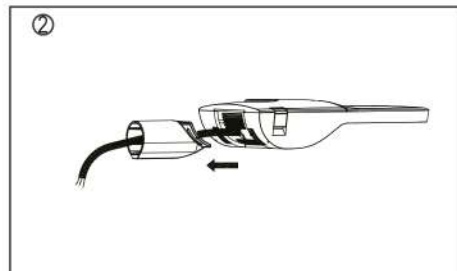
Connect the fixture to the power line

**Vertical Installation Instruction**

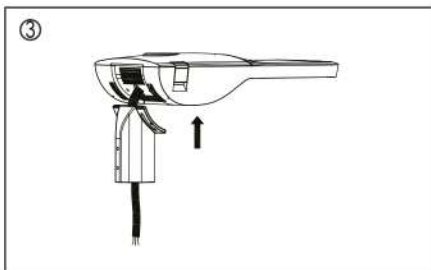
- Remove the screws holding the slip-fitter and then remove the slip-fitter
- Turn the slip-fitter around and secure it in the new position



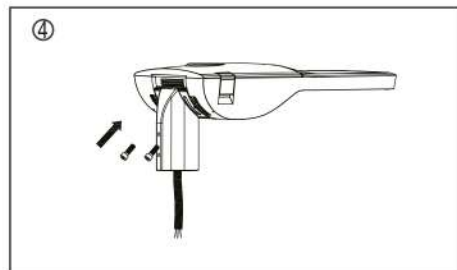
Remove the screws holding the slip-fitter



Remove the slip-fitter

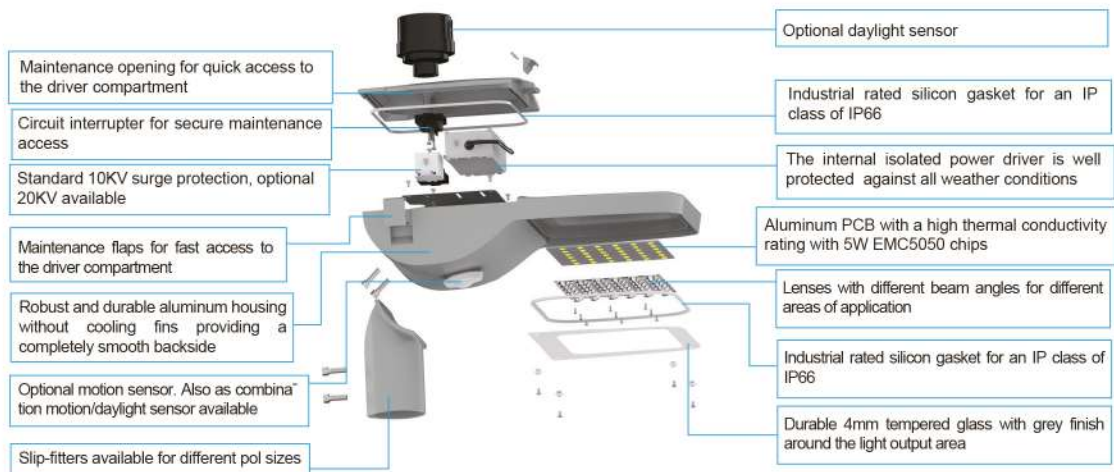


Turn the slip-fitter around and fit it to the fixture



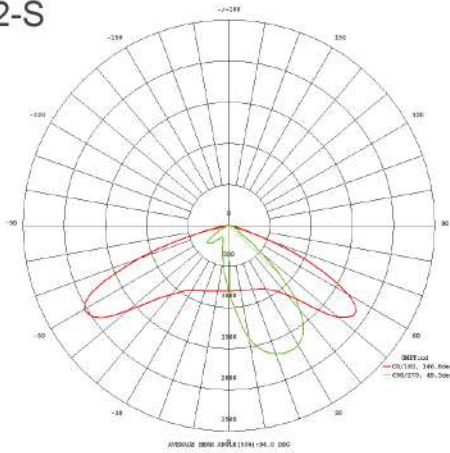
Screw the slip-fitter to the fixture

**Exploded drawing**

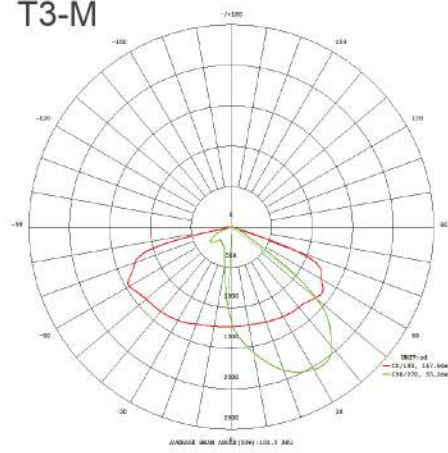


**Light distribution curve**

**T2-S**



**T3-M**



**Accessories**



Slip-Fitters for different pole diameters are available



Optional daylight sensor available



Optional motion sensor or daylight/motion sensor combination available



Optional 20KV surge protection available



NEMA base



Electrical disconnect

**Maintenance**

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- To avoid injuries, disconnect power to the fixture and allow the unit to cool down before performing maintenance.
- Perform visual, mechanical and electrical inspections on a regular basis. We recommend routine checks to be made on an annual basis. Frequency of use and environment should determine this.
- The glass cover should be cleaned periodically as needed to ensure continued photometric performance. Clean the cover with a damp, non-abrasive, lint-free cloth. If not sufficient, use mild soap or a liquid cleaner. Do not use an abrasive, strong alkaline or acid cleaner as damage may occur.
- Inspect the topside on the luminaire to ensure that it is free of any obstructions or contamination (i.e. excessive dust-build-up). Clean with a non-abrasive cloth if needed.