



ST34 STREET LIGHT SPECIFICATION



Type A



Type B



Type C



Type D



Type E



Main Features

- High pressure diecast aluminium alloy housing from 30W to 300W.
- Anti-corrosion with electrophoresis process.
- Adopt multi-chips package 5050 LED source. Stable performance, low light failure and NO dead lights.
- The light transmittance of lens up to 98%. System efficacy up to 160lm/w.
- Type II, III, IV, V, 120x50°, 145x100° optional. Uniform lighting distribution apply to different lighting projects.
- 5 kinds of brackets optional. Type A, B, C, D, E bracket nearly meet all installation environment.
- Excellent operating temperature -40°C ~ 50°C.
- Replaceable and upgradable modular design easy assembly easy installation and easy maintenance.
- Green product, no UV, IR radiation or mercury pollution. Passed IEC62471.
- With excellent housing design reach IP66/IK10 rating.
- Dimming and smart lighting system available upon request.
- ISO9001 ISO14001 ENEC TUV ROHS IP66 IK10 LM80 approved
- Life-span over 50,000 hours, 5 years warranty.

Parameters

Electric Data

Model	ST34-30WS	ST34-50WS	ST34-60W	ST34-100W	ST34-150W	ST34-200W	ST34-240W	ST34-300W
Power	30W	50W	60W	100W	150W	200W	240W	300W
Power Efficiency	88%	88%	88%	90%	90%	90%	90%	90%
Power Factor	>0.95							
Power Supply	MEANWELL/INVENTRONICS							
Input Voltage	100-305V/249-528V AC,50/60Hz							

Photometric Specifications

LEDs	5050 LED							
CRI	>70(>80,>90 optional)							
Beam angle	Type II,V (30W,50W)		Type II,III,IV,V,120x50°,145x100° (70-300W)					
Efficiency (Type II,145x100°)	150-160lm/w	140-150lm/w	150-160lm/w	140-150lm/w	150-160lm/w	140-150lm/w	150-160lm/w	140-150lm/w
Efficiency (Type III,IV,V,120x50°)	145-155lm/w	135-145lm/w	150-160lm/w	130-140lm/w	140-150lm/w	130-140lm/w	140-150lm/w	130-140lm/w
LEDs Qty	28pcs	28pcs	42pcs	42pcs	84pcs	84pcs	126pcs	126pcs
CCT	3000K/4000K/5000K/6000K							

Mechanical Specifications

IP/IK Rate	IP66/IK10							
Lifespan	>50,000 Hours							
Bracket Optional	Type A,B,C,D,E							
Housing Material	ADC#12							
Lens Material	PC							
N.W.(KG)	2.5	2.5	4.6	4.6	5.6	5.6	6.5	6.5
Light size (mm)	481x312x93	481x312x93	524x312x93	651x312x93	651x312x93	651x312x93	778x312x93	778x312x93
Working Temperature	-40°C~50°C, 20%~90% RH							
Storage Temperature	-45°C~55°C,10%~90% RH							
Compression strength	1500VAC/10mA							
Insulation resistance	≥10MΩ 500VDC							
Leakage current	<1mA @220VAC							
Ground resistance	<0.1Ω , 10A							
Surge protection	5KV line-line, 10KV line-earth							
Temperature rise of lamp	≤50°C @25°C							
Certificates/Test	ISO9001 ISO14001 ENEC TUV ROHS IP66 IK10 LM80							



External Design Features



Product Details



LED Chip

Use customized chip from TOP 5 LED chip manufacturer, delivering high luminous efficiency up to 200lm/w.



Lens

Type II,III,IV,V, 125x50°, 145x100° optional beam angle upon requirements.



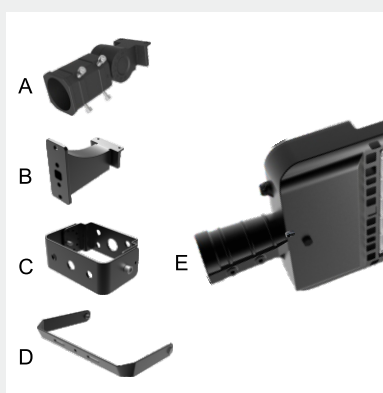
Power Supply

Meanwell, Moso, Sosen driver optional, with 5 years warranty.



Heat Sink

Fashionable housing design with great heat dissipation die cast aluminum.



Multiple Bracket

Type A,B,C,D,E brackets apply to round pole, square pole and wall mounting.

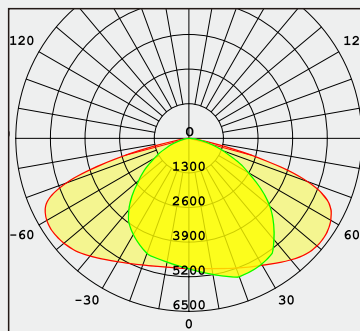


Driver box

With rubber seal ring IP66 waterproof driver cabinet design

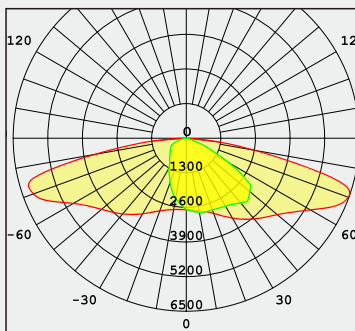
Distribution Curve

TYPE II



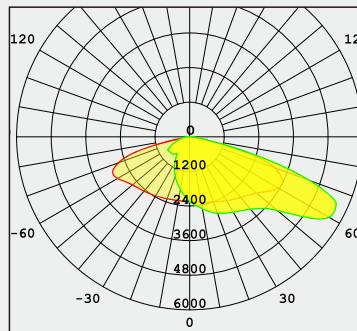
AVERAGE BEAM ANGLE (50%):197.5 DEG
UNIT:cd — C0/180,149.9° — C90/270,62.9°

TYPE III



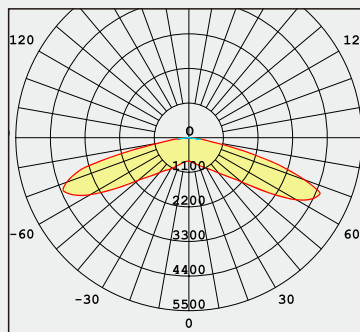
AVERAGE BEAM ANGLE (50%):101.9 DEG
UNIT:cd — C0/180,168.0° — C90/270,81.3°

TYPE IV



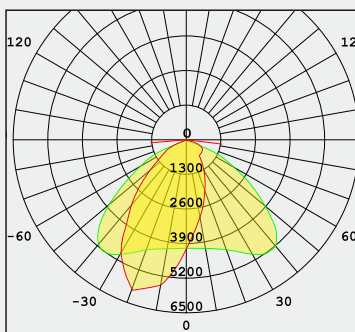
AVERAGE BEAM ANGLE (50%):83.4 DEG
UNIT:cd — C0/180,153.7° — C90/270,65.9°

TYPE V



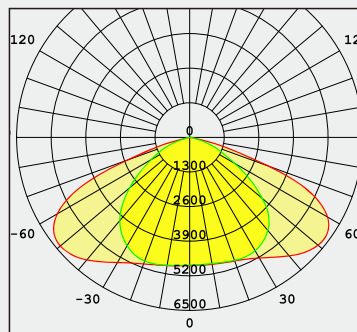
AVERAGE BEAM ANGLE (50%):166.0 DEG
UNIT:cd — C0/180,166.8° — C90/270,164.1°

120x50°



AVERAGE BEAM ANGLE (50%):118.9 DEG
UNIT:cd — C0-C180 — C90-C270

145X100°



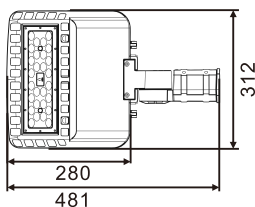
AVERAGE BEAM ANGLE (50%):124.0 DEG
UNIT:cd — C0/180,143.4° — C90/270,97.2°

Case

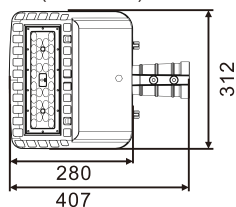


Dimension(mm)

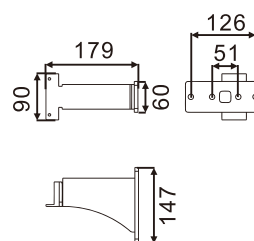
Type A
ST34S (30W-50W)



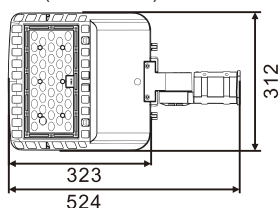
Type E
ST34S (30W-50W)



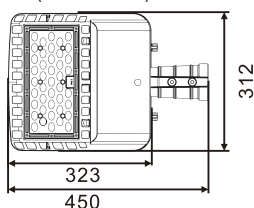
Type B



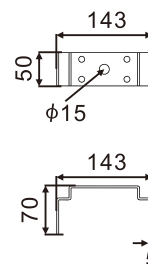
Type A
ST34 (60W-100W)



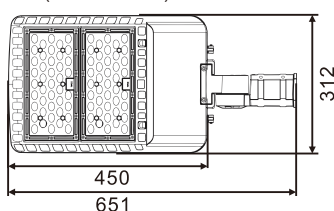
Type E
ST34 (60W-100W)



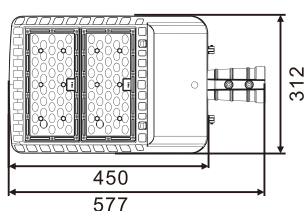
Type C



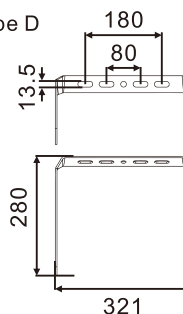
Type A
ST34 (150W-200W)



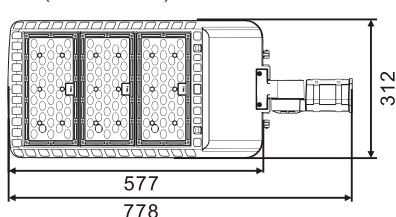
Type E
ST34 (150W-200W)



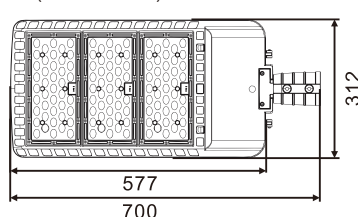
Type D



Type A
ST34 (240W-300W)

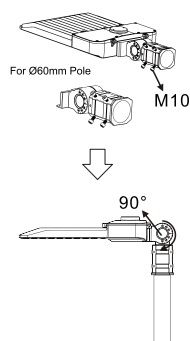


Type E
ST34 (240W-300W)

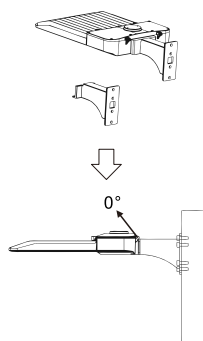


Installation

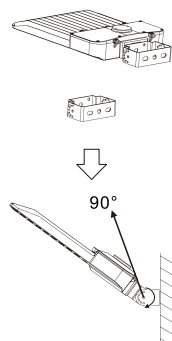
Slip Fitter Bracket (Type A)



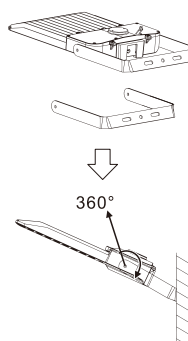
Straight Bracket (Type B)



Wall Mounted Bracket (Type C)



Wall Mounted Bracket (Type D)



Inseparable Bracket (Type E)

