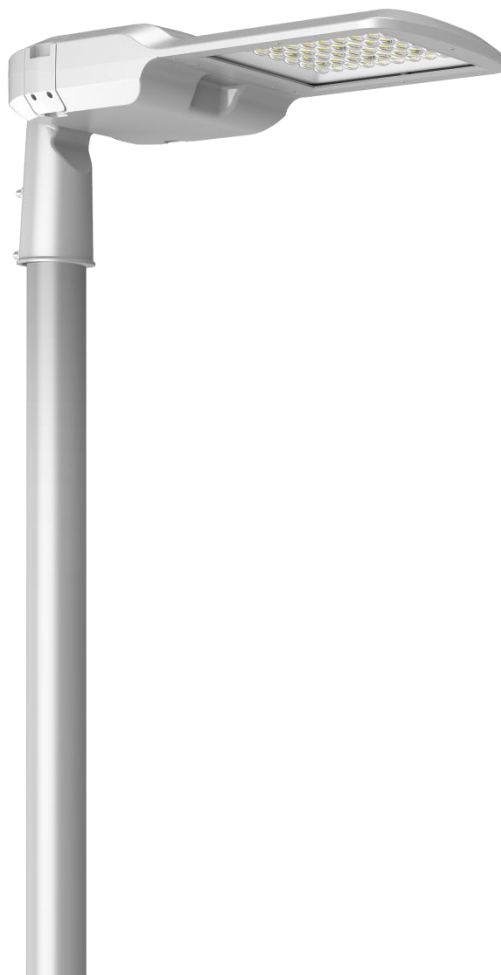


**190LM/W 25W-280W EAGLE GEN4 SERIES LED STREET LIGHT
SPECIFICATION**



Product Name	EAGLE GEN4 SERIES IP66 IK08 LED STREET LIGHT (IK09 optional)
Power Consumption	25W-280W
Version	4.0
Date	20/03/2024

Product Features**25W-280W 190lm/W Eagle Gen4 series LED street light**

TUV ENEC, ENEC+, CB, SAA, CE, RETILAP, RoHS certified.

Smart and modern design, free-tool maintenance, the minimalist design puts the focus squarely on the product itself and the buckle design on the cover of the lamp enables you to open the luminaires without tools.

Excellent heat dissipation design, sleek appearance design decreases the dust falling on the fixture.

Power-off automatically, built-in power-off protection device, luminaires will automatically and immediately cut off the power when the luminaires opened, to ensure safety maintenance.

System lumens output up to 190lm/W, powered by TYF / GUANGYOU 5050 LED, high efficacy and superior robustness in a multi-die, high power package, enabling cost-effective system design.

Provide 5/7/10 year warranty, provide standard 5 year warranty, optional 7/10 year warranty for the luminaires.

A variety of drivers are available, such as SOSEN, MOSO, INVENTRONICS, UPOWERTEK, MEAN WELL, TRIDONIC, PHILIPS.

3 pin, 5 pin, 7 pin NEMA socket with photocell sensor or shorting cap, photocell sensor working method: 10LX (sun set/dark) turn on and 50LX (sun rise) turn off automatically, the level could be adjusted according to customers' requirement, the lamps operate depends on the ambient luminance, the lamps will lighten with a suitable illumination automatically when it is dark.

5 pin and 7 pin NEMA socket to extend for the 0-10V dimming or DALI control

DALI control. Luminaires can be controlled by a computer.

0/1-10V dimming. Luminance can be divided into 10 level, set it upon your specific requirements.

Anti-ultraviolet radiation optical PC lens (PMMA lens optional)

Anti-ultraviolet radiation PC optical lens with high light transmittance and secondary light dissipation technology, optional light distribution curve, available with optics Type II (S/M), Type III (S/M)

No light pollution for residential areas.

Support built-in 10KV / 20KV /40KV SPD (surge protection device), extends the lifetime of the product while protecting the driver and the luminaires from thunder too.

Adjustable bracket 0°-90°, adjustable bracket for horizontal or vertical installation.

High product reliability by applying 13 steps painting process, high efficiency coating. Paint and metal parts successfully passed the 500 hours salt spray test.

Optional C5-M grade, chromic treatment for the housing, luminaires come with TUV C5-M test report.

Cost-effective and efficient lighting solution for a fast return of investment.



25W-50W



60W-80W



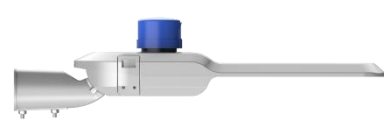
100W-120W



150W-180W



200W-280W



Product data sheet 25W-280W 190lm/W Eagle Gen4 series LED street light

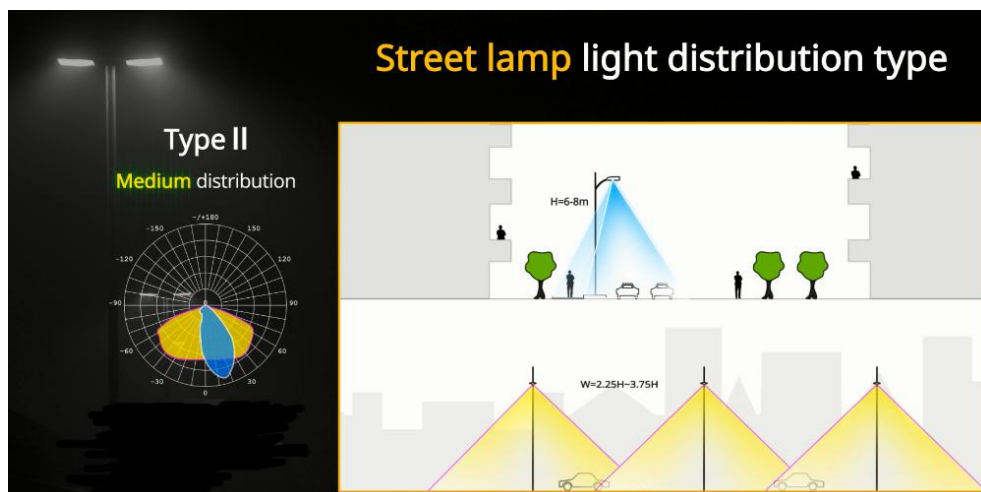
Product Code	SL-ST3 0WxxE 4SGH	SL-ST50 WxxE4S GH	SL-ST6 0WxxE4 SGH	SL-ST8 0WxxE4 SGH	SL-ST1 00WxxE 4SGH	SL-ST1 20WxxE 4SGH	SL-ST15 0WxxE4 SGH	SL-ST1 80Wxx E4SGH	SL-ST2 00WxxE 4SGH	SL-ST28 0WxxE4 SGH
Power	30W	50W	60W	80W	100W	120W	150W	180W	200W	280W
Luminous Efficacy	190lm/W (@4000K / 5000K)									
Insulation class	Class I									
Input Voltage	AC100-277V									
LED Type	GUANGYOU 5050 / TYF 5050 / LUMILEDS 5050									
Driver Brand	 SOSEN									
Surge Protection	Support built-in 10KV/20KV SPD									
Ral code	RAL9006									
CRI	>70Ra									
CCT	1800K-6500K									
PF	≥0.98									
Beam Angle	Type II S, Type II M, Type III S, Type III M									
Material	ADC12, anti-UV optical PC lens or PMMA lens, IK08 tempered glass (optional IK09)									
Life Span	≥120,000 hours (L70)									
L90B10	100,000 hours									
IP Grade	IP66									
Operating Tem.	-40~50°C									
THD	<12%									

IP66



CB

CE

RoHS



Product data sheet 25W-280W 190lm/W Eagle Gen4 series LED street light

Product Code	SL-ST3 0WxxE 4IGH	SL-ST50 WxxE4I GH	SL-ST6 0WxxE4 IGH	SL-ST8 0WxxE4 IGH	SL-ST1 00WxxE 4IGH	SL-ST1 20WxxE 4IGH	SL-ST15 0WxxE4I GH	SL-ST1 80Wxx E4IGH	SL-ST2 00WxxE 4IGH	SL-ST28 0WxxE4I GH
Power	30W	50W	60W	80W	100W	120W	150W	180W	200W	280W
Luminous Efficacy	190lm/W (@4000K / 5000K)									
Insulation class	Class I									
Input Voltage	AC100-277V									
LED Type	GUANGYOU 5050 / TYF 5050 / LUMILEDS 5050									
Driver Brand	 INVENTRONICS									
Surge Protection	Support built-in 10KV/20KV SPD									
Ral code	RAL9006									
CRI	>70Ra									
CCT	1800K-6500K									
PF	≥0.98									
Beam Angle	Type II S, Type II M, Type III S, Type III M									
Material	ADC12, anti-UV optical PC lens or PMMA lens, IK08 tempered glass (optional IK09)									
Life Span	≥120,000 hours									
L90B10	100,000 hours									
IP Grade	IP66									
Operating Tem.	-40~50°C									
THD	<12%									

IP66



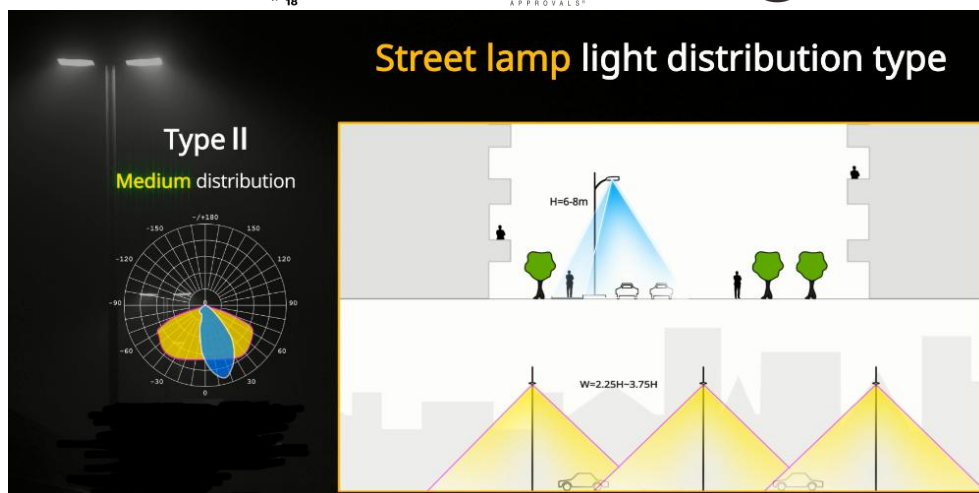
CB



CE



RoHS



Features **25W-280W 190lm/W Eagle Gen4 series LED street light**

Smart and modern design, free-tool maintenance

The minimalist design puts the focus squarely on the product itself and the buckle design on the cover of the lamp enables you to open the luminaires without tools.



Anti-ultraviolet radiation optical PC / PMMA lens, 6 in 1 lens, 8 in 1 lens and 10 in 1 lens

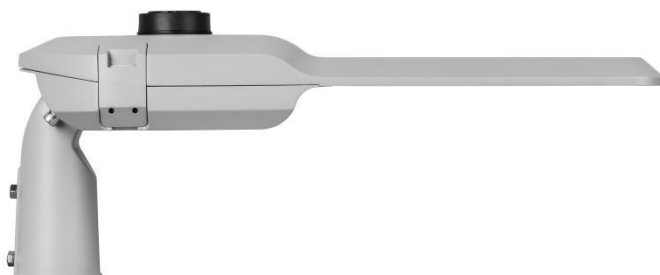
Anti-UV optical PC / PMMA lens with high light transmittance and secondary light dissipation technology.

More accurate lighting distribution curve, to improve the effective illumination by 26%, optional light distribution, available with optics Type II (S/M/L), Type III (S/M/L), Type IV, Type V.



Excellent heat dissipation design

Sleek appearance design to decrease the dust falling on the fixture, pure ADC12 die-casting aluminium heat sink to guarantee the perfect heat dissipation.



Package 25W-280W 190lm/W Eagle Gen4 series LED street light

Power	Part number	N.W.	G.W.	Package (1 unit/carton)
30W	SL-ST30WxxE4SGH	2.50 KG	3.30 KG	513*199*149 mm
50W	SL-ST50WxxE4SGH	2.60 KG	3.40 KG	513*199*149 mm
60W	SL-ST60WxxE4SGH	3.30 KG	3.90 KG	582*225*149 mm
80W	SL-ST80WxxE4SGH	3.40 KG	4.00 KG	582*225*149 mm
100W	SL-ST100WxxE4SGH	4.30 KG	4.90 KG	626*265*149 mm
120W	SL-ST120WxxE4SGH	4.40 KG	5.00 KG	626*265*149 mm
150W	SL-ST150WxxE4SGH	5.10 KG	5.80 KG	700*285*149 mm
180W	SL-ST180WxxE4SGH	5.20 KG	5.90 KG	700*285*149 mm
200W	SL-ST200WxxE4SGH	6.60KG	7.50 KG	785*325*149 mm
240W	SL-ST240WxxE4SGH	6.70KG	7.60 KG	785*325*149 mm
280W	SL-ST280WxxE4SGH	6.90KG	7.80 KG	785*325*149 mm