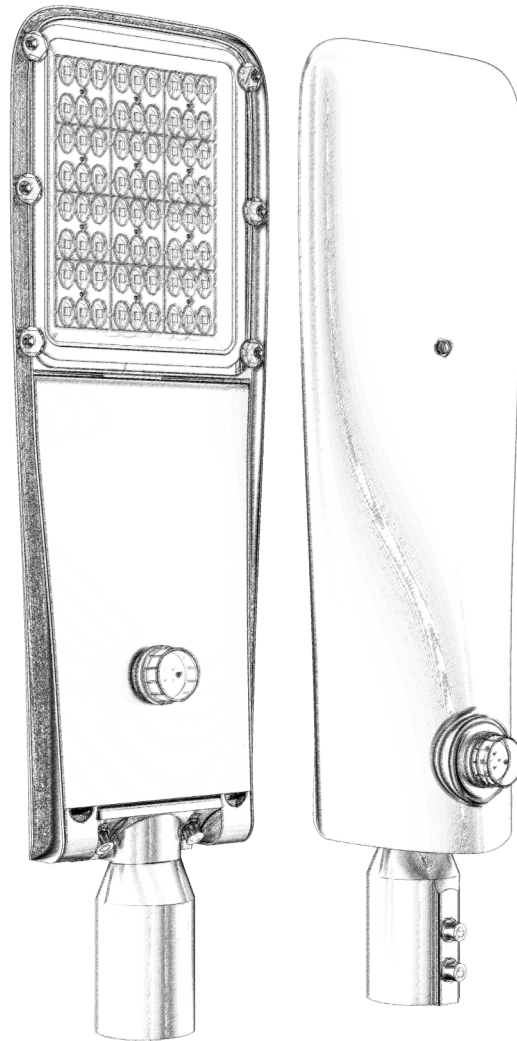
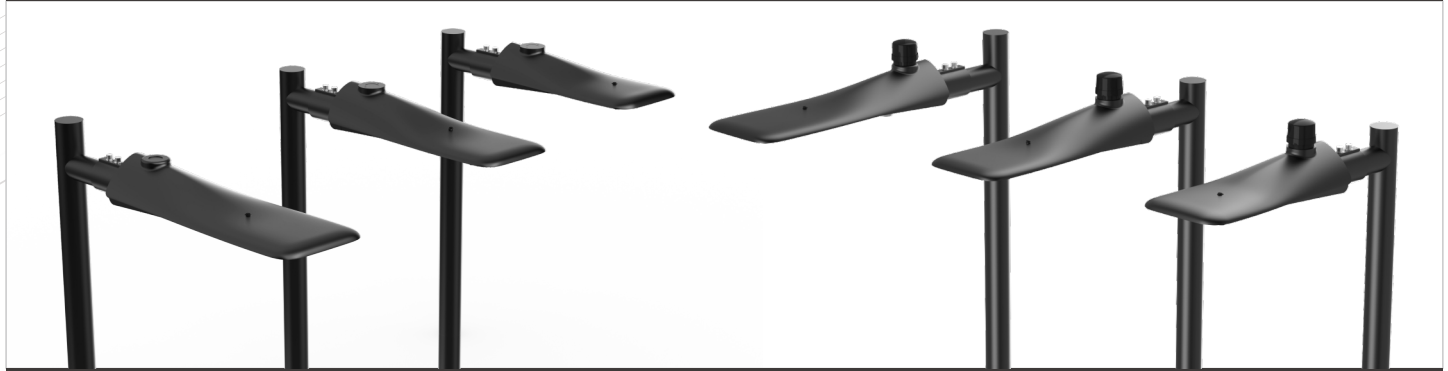


# TECHNICAL SPECIFICATION



<b>Specification Revision:</b>		
RevA0	Primary Released	Date: 15-Sep-2023
RevA1 or B0	Updated Notes	Date:
Approved By	Verified By	Drafted By
Mike Lee	Lista Lee	Tyler Hou

**Model** **SL13-JL-GW**



**Electrical Specification**

POWER	30W	50W	70W	100W	120W	150W	200W
Driver Brand	INVENTRONICS						
Input Voltage	100 ~ 277 VAC						
POWER FACTOR	>0.95						
Dimmable	N/A (Option of NEMA / ZHAGA)						
Intelligent Control	N/A (Option of PHOTOCCELL / DALI )						
SPD	4KV Line-Line, 6KV Line-Earth						
Working Temperature	-40°C - 70°C						

**Photometrical Specification**

Luminous Efficacy	160Lm/W						
LED CHIP	SANAN 2835						
Color Temperature	Option of 4000K / 5000K/ 5700K						
Color Rendering Index	>80						
Beam Angle	Type II (m) Options of Type I (m)						
THD	<20%						

**Mechanical Specification**

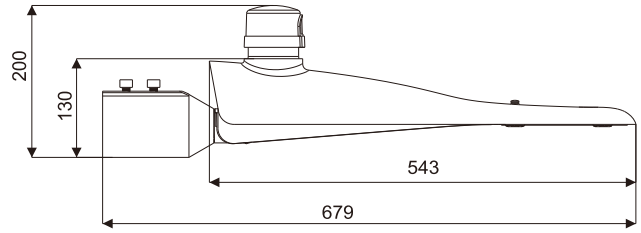
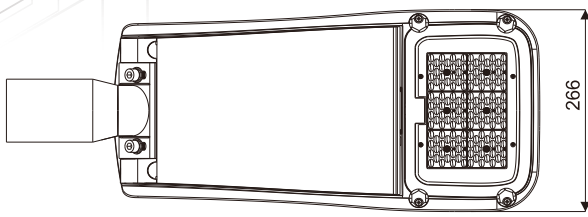
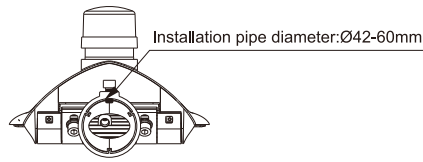
Body Material	Die Cast Aluminium Housing						
Housing Color	Black						
Mounting Type	Wall / Pole						
Mounting Location	40-60mm						
Cable Length	300mm (input)						

**Standards & Certificates**

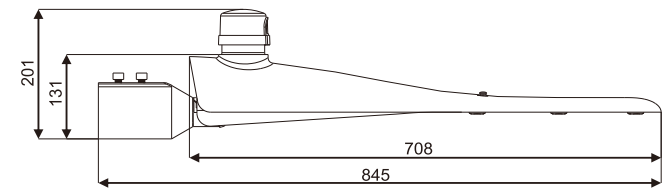
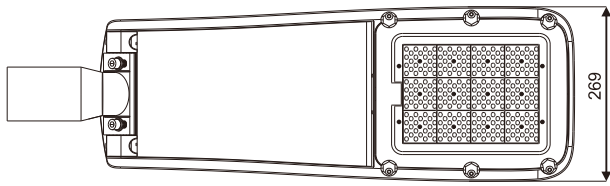
Ingress Protection	IP66						
IK	IK08						
Certificates	CE, ROHS						
Warranty							

**Dimension & Weight**

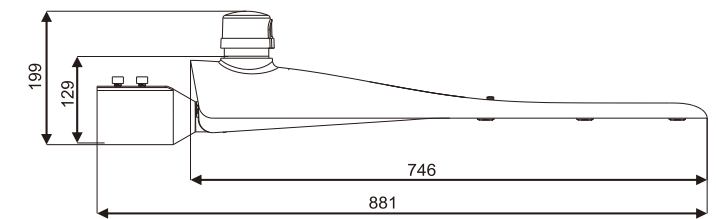
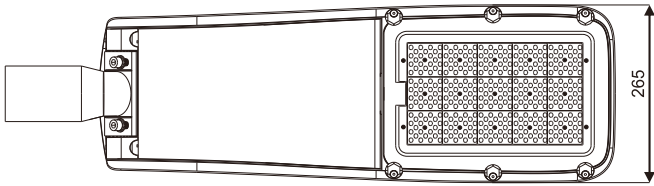
Fixture Dimension (mm)	679*266*130		845*269*131		881*265*129		
Fixture Weight (kg)	5.38		/		6.18		
Packing	1		2		1		
Carton Dimension(mm)	715*325*200		882*270*320		882*325*200		
Gross Weight (Kg)	6.16		/		7.4		



80W

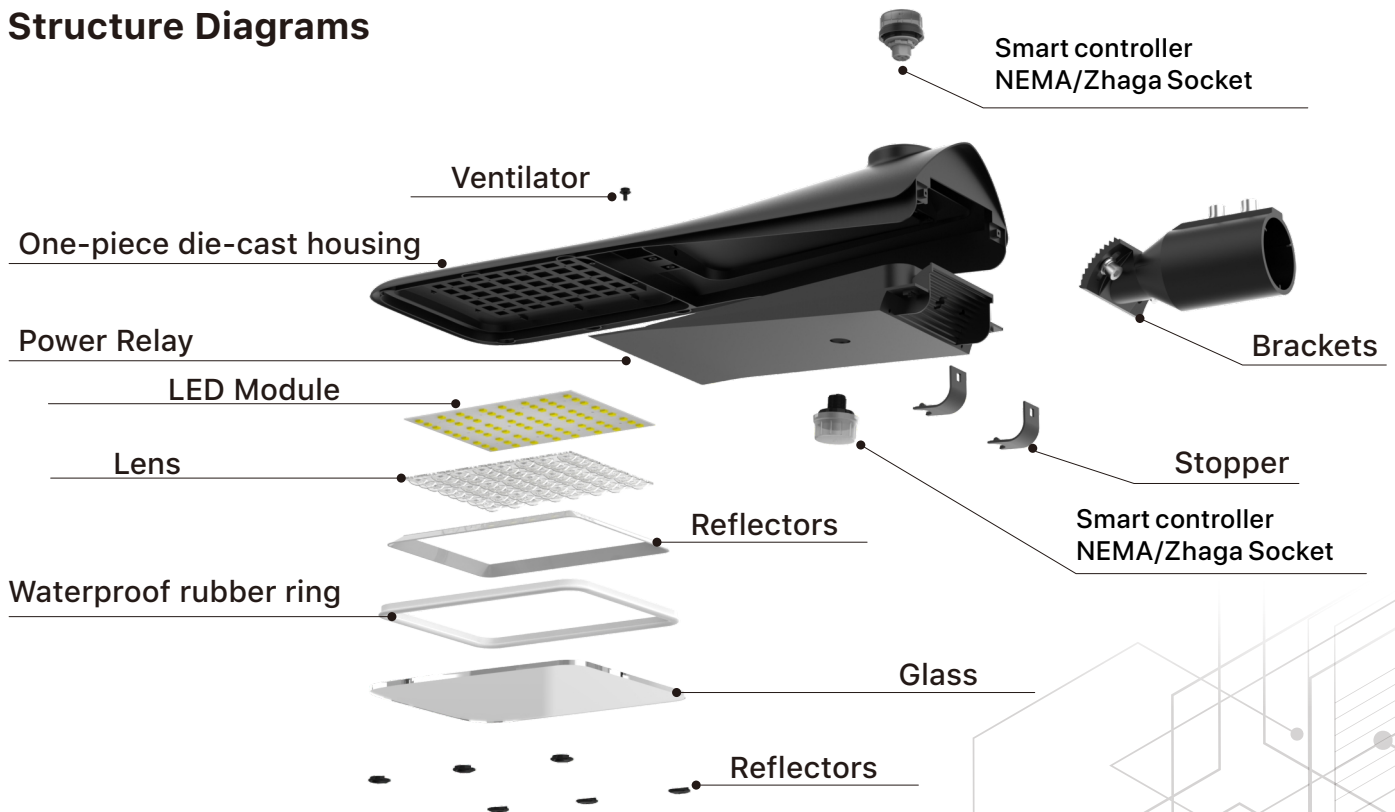


150W

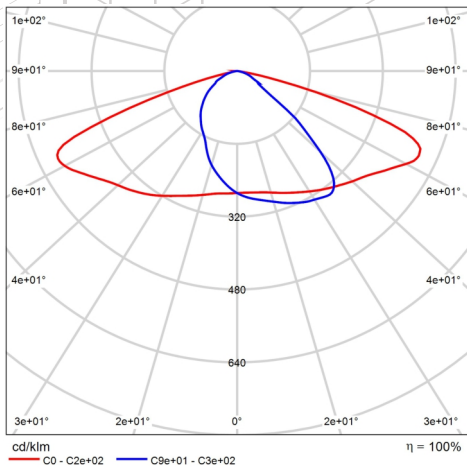


250W

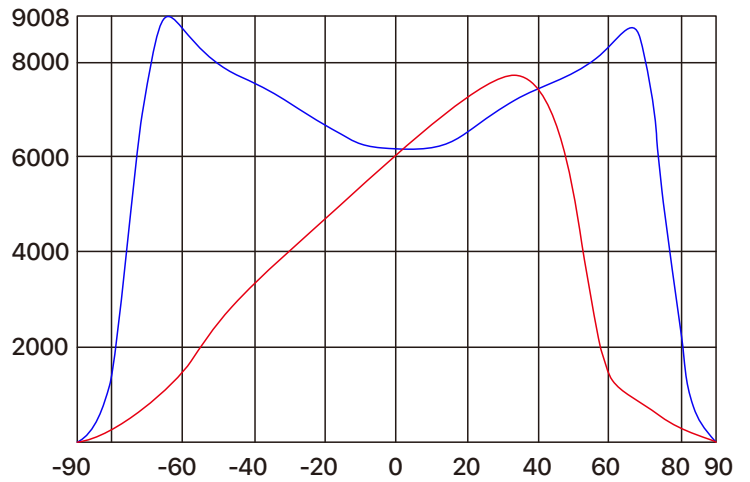
Structure Diagrams



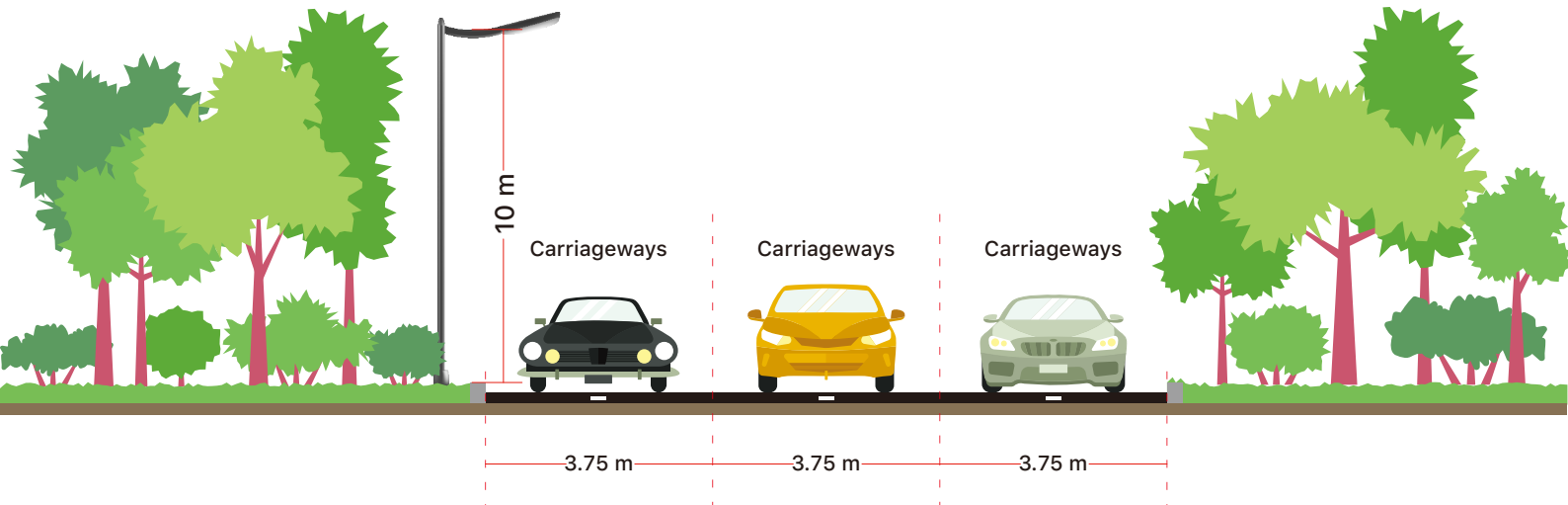
Polar Candela Distribution Plot



Rectangular Candela Distribution Plot



Typell-m



Road Width: 11.25m, Mounting Height: 10m, Pole Distance: 30m, PD:MH=1:3, TYPE II-M, Street light: 100w, Luminire Efficacy: 150 lm/w, Luminire Flux: 15000 lm									
E avg (lx)	20.9	E min (lx)	12.6	E max (lx)	32	U <sub>0</sub> ≥0.4	0.46	U <sub>I</sub> ≥0.7	0.83
Road Width: 11.25m, Mounting Height: 10m, Pole Distance: 30m, PD:MH=1:3, TYPE II-M, Street light: 100w, Luminire Efficacy: 160 lm/w, Luminire Flux: 16000 lm									
E avg (lx)	22.3	E min (lx)	13.5	E max (lx)	34.1	U <sub>0</sub> ≥0.4	0.46	U <sub>I</sub> ≥0.7	0.83
Road Width: 11.25m, Mounting Height: 10m, Pole Distance: 30m, PD:MH=1:3, TYPE II-M, Street light: 100w, Luminire Efficacy: 170 lm/w, Luminire Flux: 17000 lm									
E avg (lx)	23.7	E min (lx)	14.3	E max (lx)	36.3	U <sub>0</sub> ≥0.4	0.46	U <sub>I</sub> ≥0.7	0.83
Road Width: 11.25m, Mounting Height: 10m, Pole Distance: 30m, PD:MH=1:3, TYPE II-M, Street light: 100w, Luminire Efficacy: 180 lm/w, Luminire Flux: 18000 lm									
E avg (lx)	25.1	E min (lx)	15.2	E max (lx)	38.4	U <sub>0</sub> ≥0.4	0.46	U <sub>I</sub> ≥0.7	0.83

