

Meta

Street
Light

24W/40W/50W/80W/100W/
120W/150W/180W/200W



Street lighting is a core piece of urban and rural infrastructure. Lighting helps to create a safe environment for both pedestrians and drivers. Many streetlights around the world are now being updated to LED lighting, which uses less energy and is more reliable than traditional sodium lamps, significantly reducing the cost of keeping streets illuminated. Designed from the ground up as a totally optimized LED street and area lighting system, our street light delivers incredible efficiency without sacrificing.

STANDARDS/CERTIFICATES

< IEC 60598-1

< IEC 60598-2-3

< EN 55015

< EN 61547

< EN61000-3-2

< EN 61000-3-3

< EN IEC 62031

< EN 62493

< EN 60598-2-5

< EN 62471



Product data

General Information

Light source engine type	LED
Driver included	Sosen
Lifetime	L70B10 >102000hr Light maintenance assessments to TM-21 based on LM-80 data.
Warranty	5 years

Operating and Electrical

Input Voltage / Frequency	100-277V, 50~60Hz
Electrical class	Class I
Power factor (at full load)	>0.95
Surge Protection	Luminaire surge protection level until 6 kV differential mode and 10 kV common mode(10KV/20KV SPD for option)

Controls and Dimming

Devices	0/1-10V, PWM, Triac dimming or Astro DIM(for option)
Cables	3x1.0mm2

Maintenance and Assembly

Installation methods	Installation of lamp post
Accessories	Streetlight photocell(for option), DIP switch (for power tunable)

Accessory



Streetlight photocell



DIP switch

Light Technical

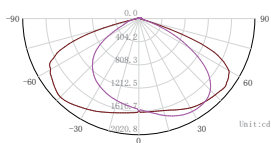
Luminous Efficacy (rated) (Nom)	150-160lm/w
Wattage	24W/40W/50W/80W/100W/120W/ 150W/180W/200W
Luminous Flux	3840/6400/7500/12800/15000/18000/ 22500/27000/30000LM
Upward light output ratio (ULR)	Between 0.00% and 0.35%
General ingress protection	Luminaire: IP66 (EN IEC 60598-1)
Protection against impacts	IK08 (IEC 62262)
Color rendering index (CRI)	>70
LED colour temperature	3000K/4000K/5000K/5700K/6500K
Optical cover type	Asymmetric
Photometric distributions	Type2/Type3/Type4/Type5
Total harmonic distortion	<8% (220Vac/50Hz, Full load, 25 C)
McAdam ellipse	≤5
Ambient temperature range	-40~+40 C

Mechanical and Housing

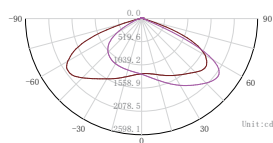
Housing Material	ADC12
Optic material	PC/PMMA
Housing Color	RAL9006

Light distribution angle

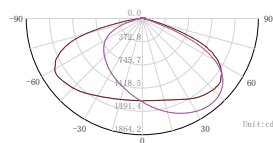
Optical options: **Type2**



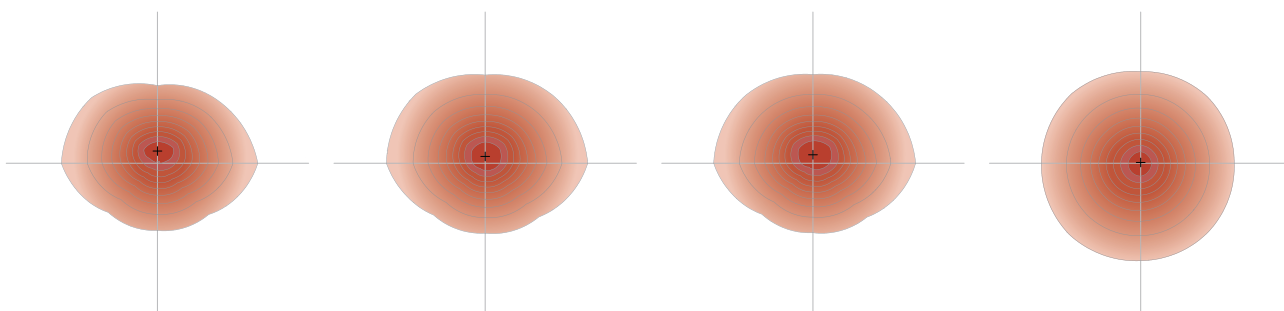
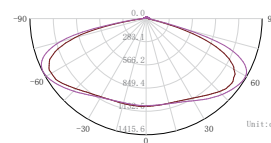
Optical options: **Type3**



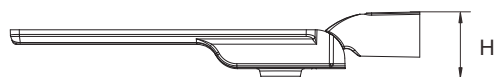
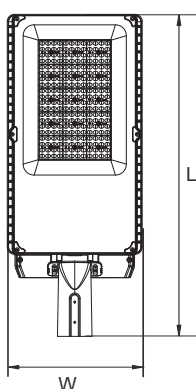
Optical options: **Type4**



Optical options: **Type5**



Package



Model	Dimension(mm)			Outer Carton(mm)			QTY/ CTN	NW(kg)	GW(kg)
	L	W	H	L	W	H			
ST024ME1H-PS	515	190	99	587	260	175	1	2.40	3.00
ST040ME1H-PS	515	190	99	587	260	175	1	2.40	3.00
ST050ME1H-PS	515	190	99	587	260	175	1	2.40	3.00
ST080ME1H-PS	575	242	109	646	312	185	1	3.60	4.40
ST100ME1H-PS	575	242	109	646	312	185	1	3.60	4.40
ST120ME1H-PS	615	262	109	686	332	185	1	4.80	4.80
ST150ME1H-PS	615	262	109	686	332	185	1	4.05	4.80
ST180ME1H-PS	685	287	109	766	357	185	1	5.30	6.50
ST200ME1H-PS	685	287	109	766	357	185	1	5.30	6.50



Container	Model	QTY/Container
20GP	24W	800PCS
20GP	40W	800PCS
20GP	50W	800PCS
20GP	80W	600PCS
20GP	100W	600PCS
20GP	120W	500PCS
20GP	150W	500PCS
20GP	180W	400PCS
20GP	200W	400PCS



Container	Model	QTY/Container
40GP	24W	1600PCS
40GP	40W	1600PCS
40GP	50W	1600PCS
40GP	80W	1300PCS
40GP	100W	1300PCS
40GP	120W	1000PCS
40GP	150W	1000PCS
40GP	180W	900PCS
40GP	200W	900PCS

Application

