



## MH Series LED Street Light



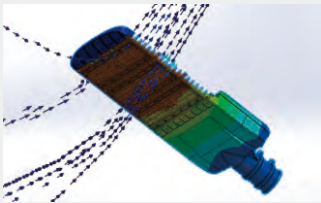
Zhongshanshi Jian Neng Lighting Technology Co., Ltd  
26#No.6 Lefeng Road ,HengLanTown ZhongShan City , GuangDong Province,China  
Email: [info@solarluminaire.com](mailto:info@solarluminaire.com)  
[www.solarluminaire.com](http://www.solarluminaire.com)

## Overview

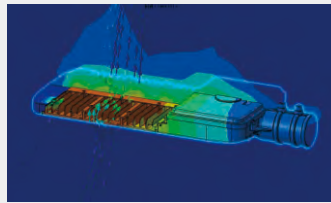


### Thermal Management

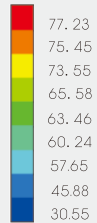
Structure is optimized by advanced FEA technology. Well managed temperature rise between internal and external parts. Even thermal distributions. Higher lumen maintenance rate.



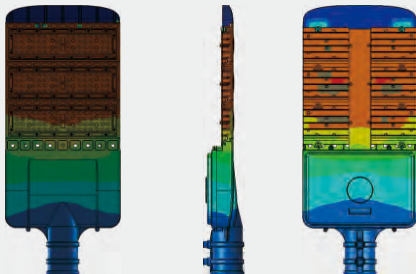
Thermal Air Convection



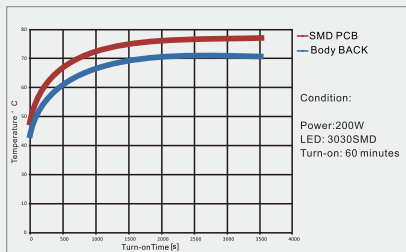
Thermal Effects to Air



Unit: °C



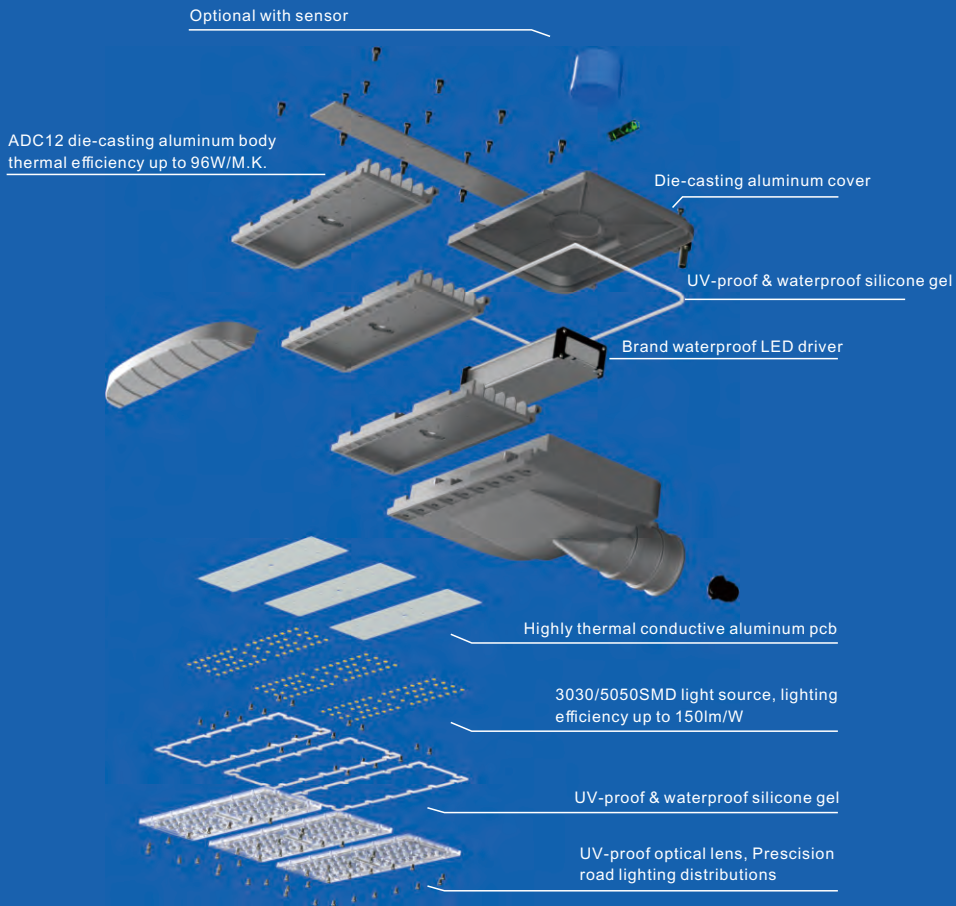
Thermal Conductivity



Temperature Rise

Condition:  
Power: 200W  
LED: 3030SMD  
Turn-on: 60 minutes

## Exploded



AC and solar solutions are optional.

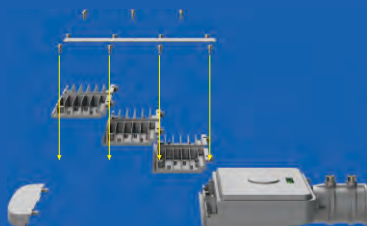


AC solutions



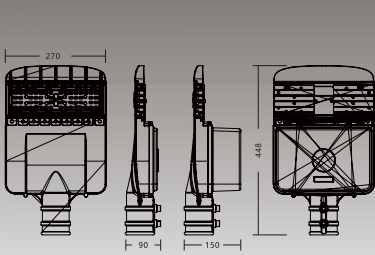
Solar solutions

Module splicing

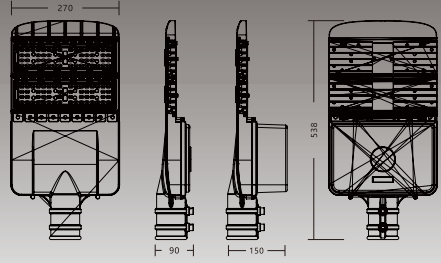


## Diagrams

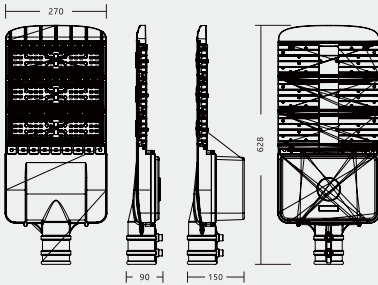
Unit:mm



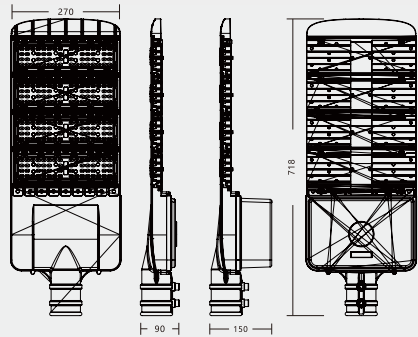
50W



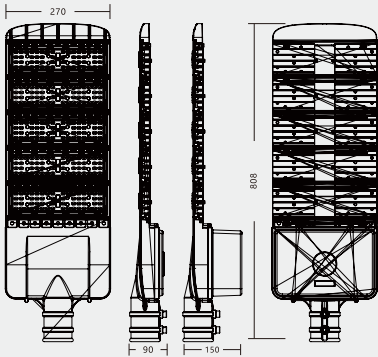
100W



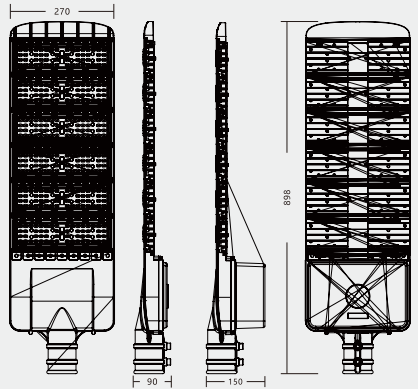
150W



200W



250W



300W

Pole Diameter:  $\Phi 60\text{mm}$

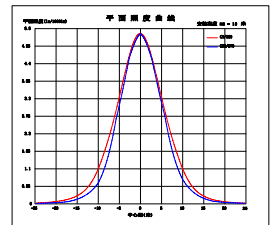
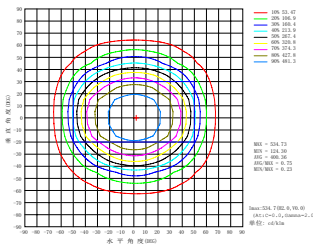
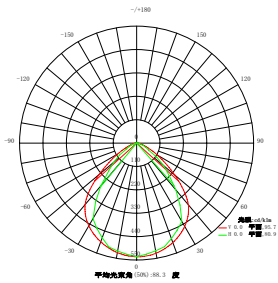


## Product Parameters



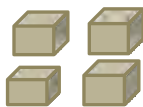
ITEM	MH6101-50W
Nominal Power	50W
Input Voltage	AC85-265V, 50/60Hz
LED Quantity	SMD 3030 50pcs
Lamp Body Size (mm)	448*270*90mm
CCT	6500K/3200K/4000K optional
CRI	>70
Protection Grade	IP67, IK08
LED Brand	San An
Luminous Flux	110-130LM/W
Operating Temperature	-20°C to 60°C
Warranty	3 Years
Material	Aluminum
LED Driver	Meanwell/MoSo/Philips
Power Factor	>0.95
PCB	10B5C
G.W. (lamp body)	2.52Kg
Box Size (lamp body)	495*315*120mm/pcs
CTN Packing (lamp body)	495*315*120mm/pcs

## Distribution



Carton	Measurement	N.W	G.W	QTY
Double Wall	495*315*120mm	2.2Kg	2.5Kg	1Pcs/CTN

Container	CTNS	Q'TY	Volume (M <sup>3</sup> )
20" standard	1390Ctns	1146pcs	27.8M <sup>3</sup>
40" standard	2993Ctns	2469pcs	59.8M <sup>3</sup>

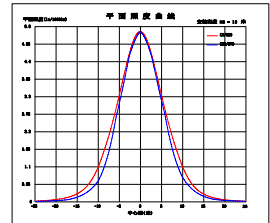
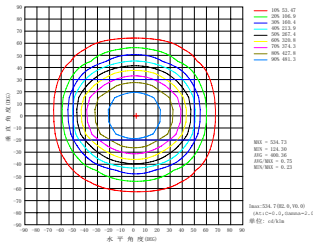
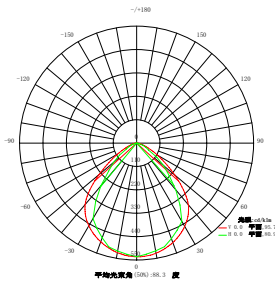


## Product Parameters



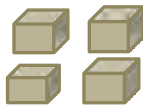
ITEM	MH6102-100W
Nominal Power	100W
Input Voltage	AC85-265V, 50/60Hz
LED Quantity	SMD 3030 100pcs
Lamp Body Size (mm)	538*270*90mm
CCT	6500K/3200K/4000K optional
CRI	>70
Protection Grade	IP67, IK08
LED Brand	San An
Luminous Flux	110-130LM/W
Operating Temperature	-20°C to 60°C
Warranty	3 Years
Material	Aluminum
LED Driver	Meanwell/MOSO/Philips
Power Factor	>0.95
PCB	10B5C*2
G.W. (lamp body)	3.5Kg
Box Size (lamp body)	585*315*120mm/pcs
CTN Packing (lamp body)	585*315*120mm/pcs

## Distribution



Carton	Measurement	N.W	G.W	QTY
Double Wall	585*315*120mm	3.1Kg	3.5Kg	1Pcs/CTN

Container	CTNS	Q'TY	Volume (M³)
20" standard	1176Ctns	1176pcs	23.5M³
40" standard	2532Ctns	2532pcs	50.6M³



1pcs



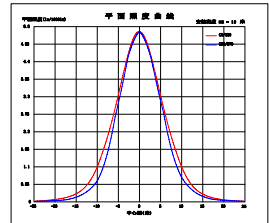
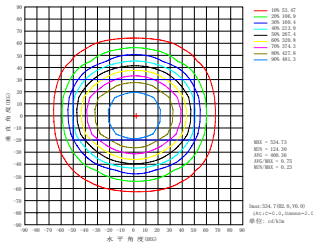
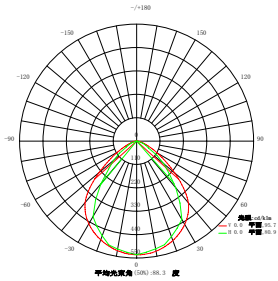


## Product Parameters



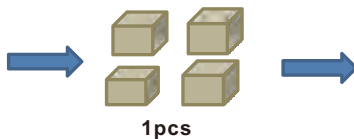
ITEM	MH6104-200W
Nominal Power	200W
Input Voltage	AC85-265V, 50/60Hz
LED Quantity	SMD 3030 200pcs
Lamp Body Size (mm)	718*270*90mm
CCT	6500K/3200K/4000K optional
CRI	>70
Protection Grade	IP67, IK08
LED Brand	San An
Luminous Flux	110-130LM/W
Operating Temperature	-20°C to 60°C
Warranty	3 Years
Material	Aluminum
LED Driver	Meanwell/MOSO/Philips
Power Factor	>0.95
PCB	10B5C*4
G.W. (lamp body)	5.95Kg
Box Size (lamp body)	765*315*120mm/pcs
CTN Packing (lamp body)	765*315*120mm/pcs

## Distribution



Carton	Measurement	N.W	G.W	QTY
Double Wall	765*315*120mm	5.5Kg	5.9Kg	1Pcs/CTN

Container	CTNS	Q'TY	Volume (M³)
20" standard	899Ctns	899pcs	26.9M³
40" standard	1937Ctns	1937pcs	58.1M³



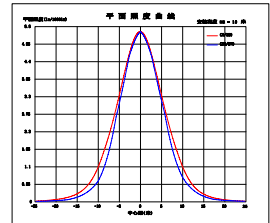
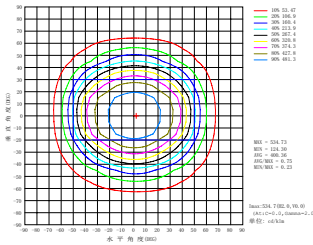
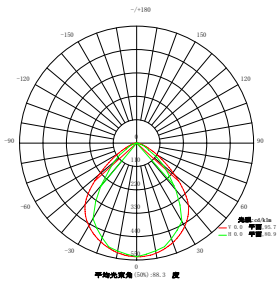


## Product Parameters



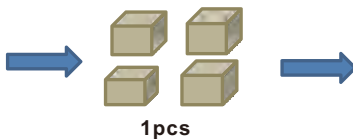
ITEM	MH6105-250W
Nominal Power	250W
Input Voltage	AC85-265V, 50/60Hz
LED Quantity	SMD 3030 250pcs
Lamp Body Size (mm)	808*270*90mm
CCT	6500K/3200K/4000K optional
CRI	>70
Protection Grade	IP67, IK08
LED Brand	San An
Luminous Flux	110-130LM/W
Operating Temperature	-20°C to 60°C
Warranty	3 Years
Material	Aluminum
LED Driver	Meanwell/MOSO/Philips
Power Factor	>0.95
PCB	10B5C*5
G.W. (lamp body)	7.18Kg
Box Size (lamp body)	855*315*120mm/pcs
CTN Packing (lamp body)	855*315*120mm/pcs

## Distribution



Carton	Measurement	N.W	G.W	QTY
Double Wall	855*315*120mm	5.5Kg	5.9Kg	1Pcs/CTN

Container	CTNS	Q'TY	Volume (M³)
20" standard	804Ctns	804pcs	24.1 M³
40" standard	1733Ctns	1733pcs	51.9 M³

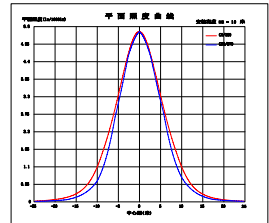
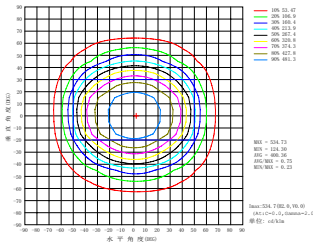
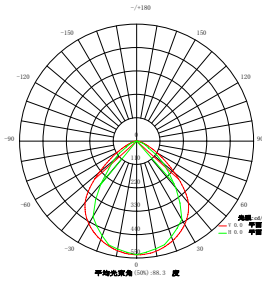


## Product Parameters



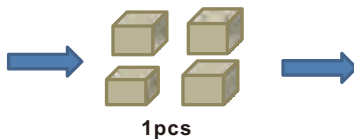
ITEM	MH6106-300W
Nominal Power	300W
Input Voltage	AC85-265V, 50/60Hz
LED Quantity	SMD 3030 300pcs
Lamp Body Size (mm)	898*270*90mm
CCT	6500K/3200K/4000K optional
CRI	>70
Protection Grade	IP67, IK08
LED Brand	San An
Luminous Flux	110-130LM/W
Operating Temperature	-20°C to 60°C
Warranty	3 Years
Material	Aluminum
LED Driver	Meanwell/MOSO/Philips
Power Factor	>0.95
PCB	10B5C*6
G.W. (lamp body)	8.95Kg
Box Size (lamp body)	945*315*120mm/pcs
CTN Packing (lamp body)	945*315*120mm/pcs

## Distribution



Carton	Measurement	N.W	G.W	QTY
Double Wall	945*315*120mm	7.9Kg	8.9Kg	1Pcs/CTN

Container	CTNS	Q'TY	Volume (M <sup>3</sup> )
20" standard	728Ctns	728pcs	29.1 M <sup>3</sup>
40" standard	1568Ctns	1568pcs	62.7 M <sup>3</sup>



## Applications

Widely use for road, freeway, park, plaza and villa

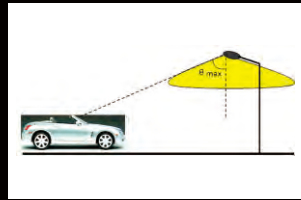
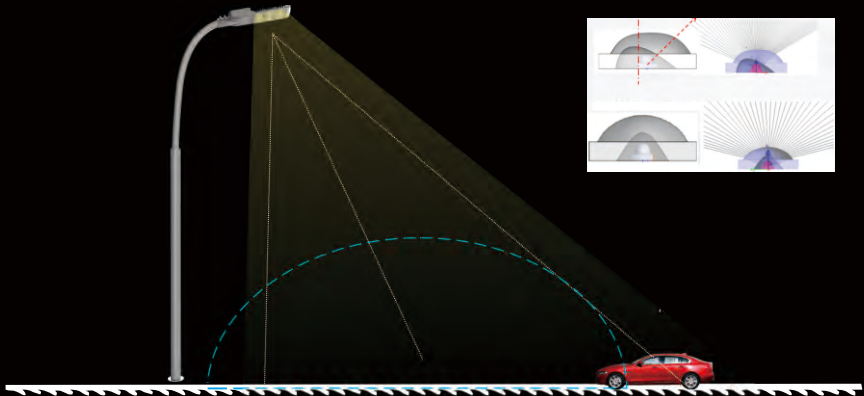
Solar solutions is optional.



## Optics

### TECHNICAL SUPPORT

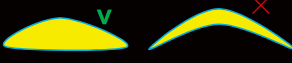
- Simulations to show optic performance in real applications
- Thermal analysis for luminaire designs
- Guides and tips for installations
- Free for all our customers



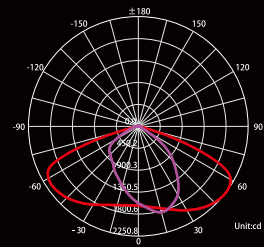
Energy Saving Design



Highly Uniformity Design



Cut-off Angle Design



C plane lighting distributions

## Packing Pictures



## Series Products



## Series Packing Parameters

Model No.	Color Box (mm)	Weight (KG)	CTN SIZE (mm)	CTN (pcs)	Weight (KG)
MH6101-50W	495*315*120mm	2.5KG	495*315*120mm	1pcs	2.5KG
MH6102-100W	585*315*120mm	3.5KG	585*315*120mm	1pcs	3.5KG
MH6103-150W	675*315*120mm	4.2KG	675*315*120mm	1pcs	4.2KG
MH6104-200W	765*315*120mm	5.9KG	765*315*120mm	1pcs	5.9KG
MH6105-250W	855*315*120mm	7.1KG	855*315*120mm	1pcs	7.1KG
MH6105-300W	945*315*120mm	8.9KG	945*315*120mm	1pcs	8.9KG

