



TE 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

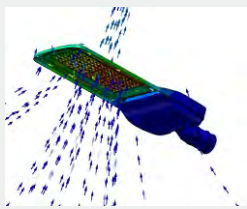
www.solarluminaire.com

Overview

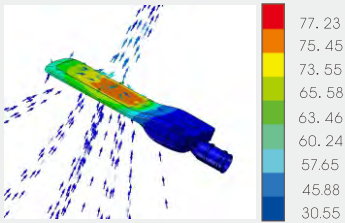


Thermal Management

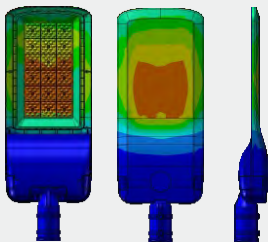
Structure is optimized by advanced FEA technology. Well managed temperature rise between internal and external parts. Even thermal distributions. Higher lumen maintenance rate.



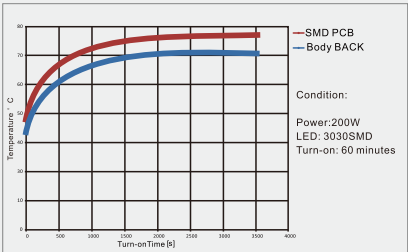
Thermal Air Convection



Thermal Effects to Air Unit: °C



Thermal Conductivity



Temperature Rise

Exploded

ADC12 die-casting aluminum body
thermal efficiency up to 96W/M.K.

Optional with sensor

Die-casting aluminum cover

Die-casting aluminum pole

Brand waterproof LED driver

UV-proof & waterproof silicone gel

Highly thermal conductive aluminum pcb

3030/5050SMD light source, lighting
efficiency up to 150lm/W

UV-proof optical lens, Precsision
road lighting distributions

High temperature resistant nano-plastic reflector

UV-proof & waterproof silicone gel

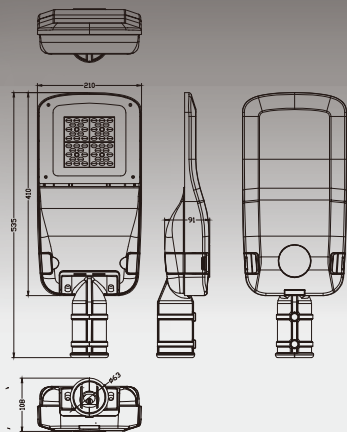
Tempered glass cover

Tool-free maintenance

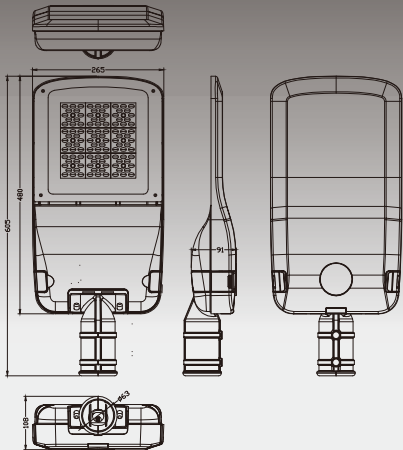
Ajustable Angle

Digrams

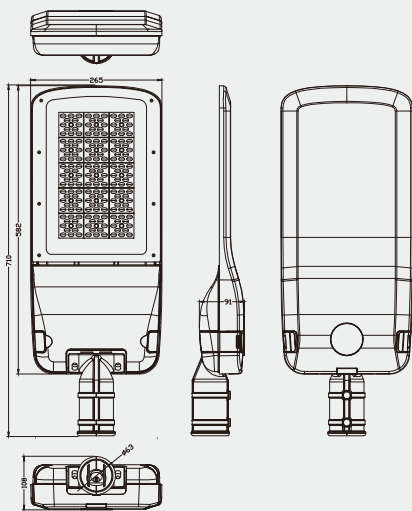
Unit:mm



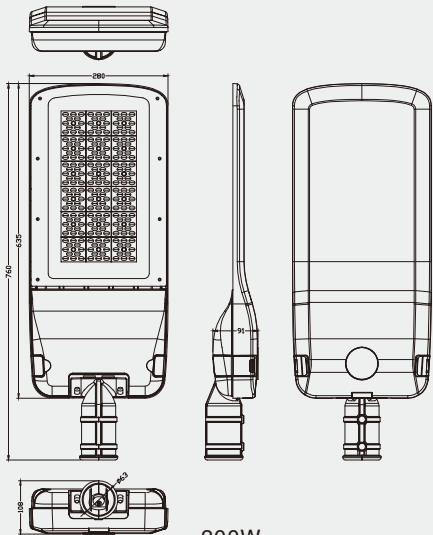
50W



100W



150W



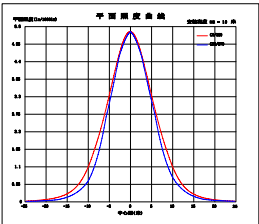
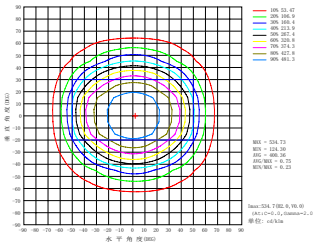
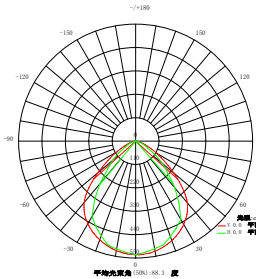
200W

Product Parameters



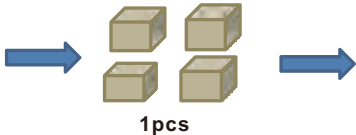
ITEM	TE3101-50W
Nominal Power	50W
Input Voltage	AC85-265V, 50/60Hz
LED Quantity	SMD 3030 64pcs
Lamp Body Size (mm)	535*210*110mm
CCT	6500K/3200K/4000K optional
CRI	>70
Protection Grade	IP67, IK08
LED Brand	San An
Luminous Flux	110-130LM/W
Operating Temperature	-20°C to 60°C
Warranty	3 Years
Material	Aluminum
LED Driver	Meanwell/MoSo/Philips
Power Factor	>0.95
PCB	13B5C
G.W. (lamp body)	4.2Kg
Box Size (lamp body)	570*270*155mm/pcs
CTN Packing (lamp body)	570*270*155mm/pcs

Distribution



Carton	Measurement	N.W	G.W	QTY
Double Wall	570*270*155mm	3.9Kg	4.2Kg	1Pcs/CTN

Container	CTNS	Q'TY	Volume (M³)
20" standard	1090Ctns	1090pcs	21.8M³
40" standard	2348Ctns	2348pcs	46.9M³

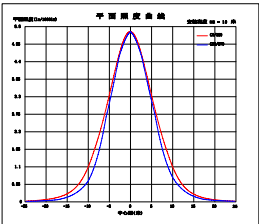
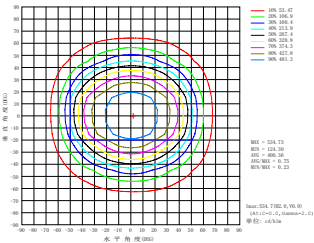
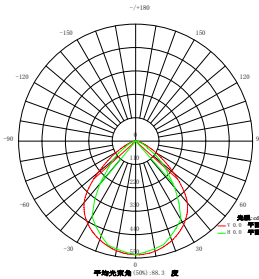


Product Parameters



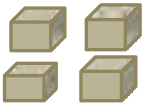
ITEM	TE3102-100W
Nominal Power	100W
Input Voltage	AC85-265V, 50/60Hz
LED Quantity	SMD 3030 110pcs
Lamp Body Size (mm)	605*265*110mm
CCT	6500K/3200K/4000K optional
CRI	>70
Protection Grade	IP67, IK08
LED Brand	San An
Luminous Flux	110-130LM/W
Operating Temperature	-20°C to 60°C
Warranty	3 Years
Material	Aluminum
LED Driver	Meanwell/MOSO/Philips
Power Factor	>0.95
PCB	22B5C
G.W. (lamp body)	5.5Kg
Box Size (lamp body)	640*320*155mm/pcs
CTN Packing (lamp body)	640*320*155mm/pcs

Distribution



Carton	Measurement	N.W	G.W	QTY
Double Wall	640*320*155mm	4.9Kg	5.5Kg	1Pcs/CTN

Container	CTNS	Q'TY	Volume (M³)
20" standard	819Ctns	819pcs	24.5M³
40" standard	1764Ctns	1764pcs	52.9M³



1pcs

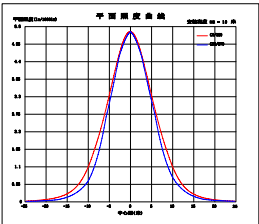
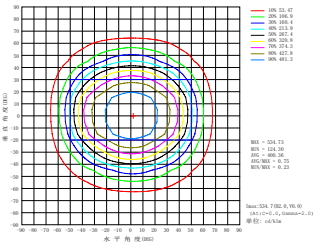
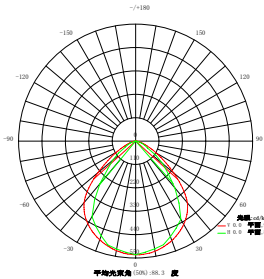


Product Parameters



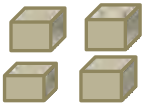
ITEM	TE3103-150W
Nominal Power	150W
Input Voltage	AC85-265V, 50/60Hz
LED Quantity	SMD 3030 180pcs
Lamp Body Size (mm)	710*265*110mm
CCT	6500K/3200K/4000K optional
CRI	>70
Protection Grade	IP67, IK08
LED Brand	San An
Luminous Flux	110-130LM/W
Operating Temperature	-20°C to 60°C
Warranty	3 Years
Material	Aluminum
LED Driver	Meanwell/MOSO/Philips
Power Factor	>0.95
PCB	36B5C
G.W. (lamp body)	6.2Kg
Box Size (lamp body)	740*320*155mm/pcs
CTN Packing (lamp body)	740*320*155mm/pcs

Distribution



Carton	Measurement	N.W	G.W	QTY
Double Wall	740*320*155mm	5.8Kg	6.2Kg	1Pcs/CTN

Container	CTNS	Q'TY	Volume (M³)
20" standard	708Ctns	708pcs	28.3M³
40" standard	1526Ctns	1526pcs	61.1M³



1pcs

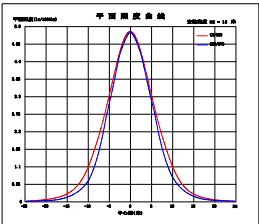
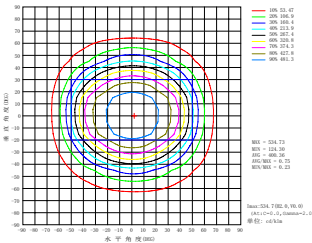
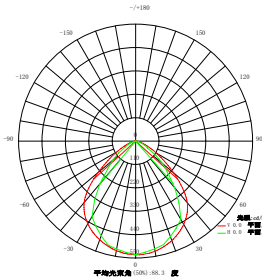


Product Parameters



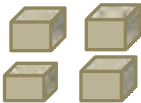
ITEM	TE3104-200W
Nominal Power	200W
Input Voltage	AC85-265V,50/60Hz
LED Quantity	SMD 3030 215pcs
Lamp Body Size (mm)	760*280*110mm
CCT	6500K/3200K/4000K optional
CRI	>70
Protection Grade	IP67,IK08
LED Brand	San An
Luminous Flux	110-130LM/W
Operating Temperature	-20°C to 60°C
Warranty	3 Years
Material	Aluminum
LED Driver	Meanwell/MOSO/Philips
Power Factor	>0.95
PCB	43B5C
G.W. (lamp body)	7.4Kg
Box Size (lamp body)	790*320*155mm/pcs
CTN Packing (lamp body)	790*320*155mm/pcs

Distribution



Carton	Measurement	N.W	G.W	QTY
Double Wall	790*320*155mm	6.9Kg	7.4Kg	1Pcs/CTN

Container	CTNS	Q'TY	Volume (M³)
20 " standard	664Ctns	664pcs	26.5M³
40 " standard	1429Ctns	1429pcs	57.1M³



1pcs



Applications

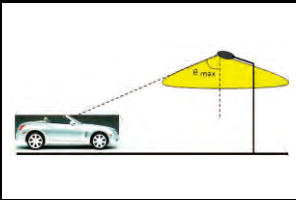
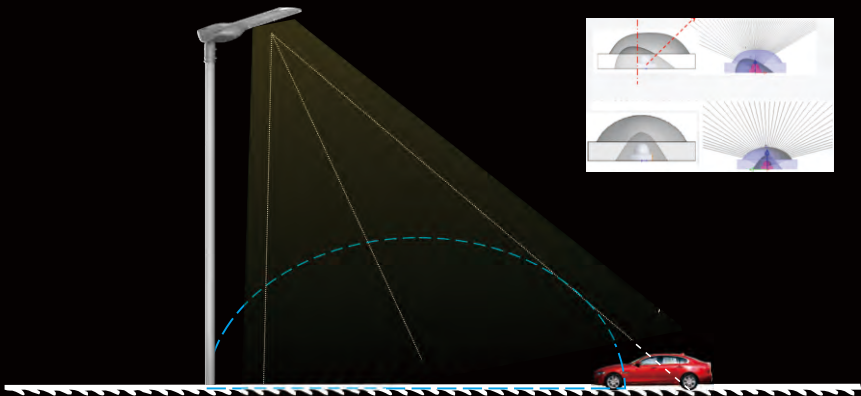
Widely use for road, freeway, park, plaza and villa



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



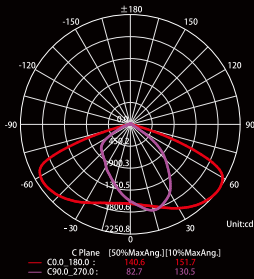
Engry Saving Design



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)
TE3101-50W	570*270*155mm	4.2KG	570*270*155mm	1pcs	4.2KG
TE3102-100W	640*320*155mm	5.5KG	640*320*155mm	1pcs	5.5KG
TE3103-150W	740*320*155mm	6.2KG	740*320*155mm	1pcs	6.2KG
TE3104-200W	790*320*155mm	7.4KG	790*320*155mm	1pcs	7.4KG

