

LED LIGHT · HIGHBAY · CONTROLLER · EMERGENCY LIGHT · STREET LIGHT · SOLAR PANEL



*Produk Berkualitas dan Hemat Energi*



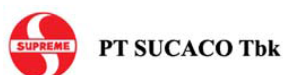


## REFERENCE OUR COMPANY

### FACTORY



CV.TRIJAYA BOROBUDUR SNACK



### BUMN



### CONTRACTOR



PT. BASUKI RAHMANTA PUTRA



### SHOP





## COMPANY PROFILE



PT. Dwitunggal Sinar Sentosa berdiri pada tahun 2011 bisnis kami bergerak dalam bidang hemat energi, melalui penjualan berbagai jenis Lampu LED dan Solar Cell (Tenaga Surya)

## CONTROL OF QUALITY

Perusahaan Kami melakukan layanan yang terbaik terutama dalam proses manufaktur dan layanan purna jual.



## MISI

PT Dwitunggal Sinar Sentosa Didedikasikan untuk solusi yang inovasi untuk masalah krisis energi di dunia dan untuk membuat dunia lebih bersih dengan cara mencari tahu dan mengembangkan teknologi terbaru untuk generasi kedepan yang lebih baik.

## VISI

- Untuk menyediakan lingkungan yang lebih bersahabat dan diperbaharui.
- Menyediakan service yang bermutu tinggi dan menyediakan informasi bagi konsumen yang membutuhkan.
- Untuk membantu dalam mengatasi masalah krisis energi di Indonesia.



# Professional LED Lighting



## PRODUKSI



## SERTIFIKAT



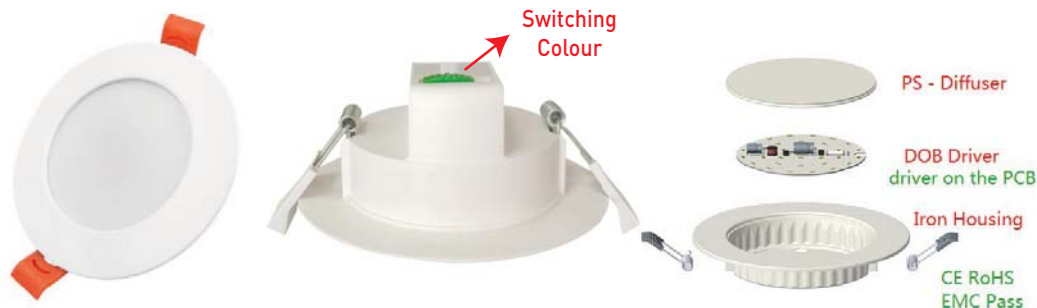
## SERTIFIKAT







## DOWNLIGHT



Model	Size (mm)	Lumens (lm)	Power (W)	Specification	Color Temp. (K)	CRI	Driver	Quality Warranty
WOLFZ SL-DL-SF60-015L3	Ø170*41mm (CutoutØ145-160mm)	1200 - 1400Lm/W	15W	AC110-265V IP44 SMD2835	3000K 4000K 6000K	80Ra	DOB Driver	2 Years



## DOWNLIGHT SPOT

Model	Size (inch)	Lumens (lm)	Power (W)	LED Chip	Input Voltage (V)	Color Temp. (K)	CRI	Driver	Quality Warranty
WOLFZ-DW-SP-10	3"	90LM/W	10W	COB10W	AC85-265V	3000K	80Ra	Isolated	2 Years
WOLFZ-DW-SP-20	4"	90LM/W	20W	COB20W	AC85-265V	6000K	80Ra	Isolated	2 Years
WOLFZ-DW-SP-30	5"	90LM/W	30W	COB30W	AC85-265V		80Ra	Isolated	2 Years





## LED TUBE



Model	Size (mm)	Lumens (lm)	Power (W)	LED Chip	Input Voltage (V)	Color Temp. (K)	CRI	Driver	Quality Warranty
WOLFZ-T8-PC9	Ø26*600mm	100Lm/W	9W	SMD2835	AC85-265V	3000K 6000K	80Ra	Isolated	1 Years
WOLFZ-T8-PC16	Ø26*1200mm	100Lm/W	16W	SMD2835	AC85-265V		80Ra	Isolated	1 Years
WOLFZ-T8-AL9	Ø26*600mm	100Lm/W	9W	SMD2835	AC85-265V		80Ra	Isolated	2 Years
WOLFZ-T8-AL18	Ø26*1200mm	100Lm/W	18W	SMD2835	AC85-265V		80Ra	Isolated	2 Years
WOLFZ-T8-AL24	Ø26*1200mm	100Lm/W	24W	SMD2835	AC85-265V		80Ra	Isolated	2 Years



Model	Size (mm)	Lumens (lm)	Power (W)	LED Chip	Input Voltage (V)	Color Temp. (K)	CRI	Driver	Quality Warranty
WOLFZ-T5-9	600mm	100LM/W	9W	SMD2835	AC85-265V	3000K	80Ra	Isolated	2 Years
WOLFZ-T5-15	1200mm	100LM/W	15W	SMD2835	AC85-265V	6000K	80Ra	Isolated	2 Years





## CEILING LED



Model	Power	Voltage	CCT	Ra	Beam angle	Hole Size	Lifespan	Lumen Flux	Quality Warranty
WOLFZ-CL-8W	8W	AC100-240V	3000-6000K	≥80	20°	Ø95*66mm	30.000hrs	540-640LM	2 Years

## EMERGENCY

### WOLFZ-EMERGENCY



Dimension :  
43.5 x 43 x 17 cm



Lumens	Material	Watts	IP	CRI	CCT	Volts	Efficacy	LED Type	Running time	Driver	Power Factor
400LM±10%	ABS	3.5W±10%	IP20	70	2700-6500K±10%	220V	114.29LM/W±10%	SMD	5 hrs	isolated	0.5

## EMERGENCY DOWN LIGHT



### W-DOWNLIGHT EMERGENCY

### Specification

1. Max power: 3w
2. Life hours: 20000H
3. Certificate: CE&ROHS
4. Mounting method: Surface mountin
5. Light Sources: LED
6. Emergency 3W 180 minutes ( W)







## LED HIGH BAY



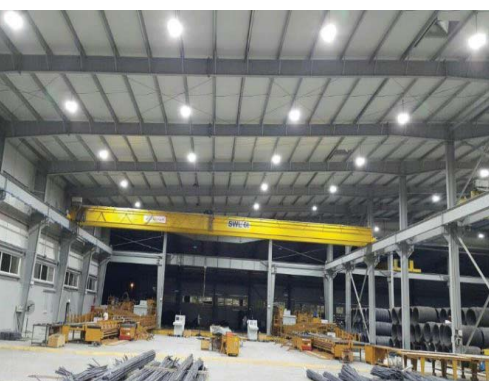
**CHIP PHILIPS  
DRIVER  
MEANWELL**

**3 GARANSI  
TAHUN**



**IP  
65  
Rated**

Model	Size (mm)	Lumens (lm)	Power (W)	LED Chip	Input Voltage (V)	Color Temp. (K)	CRI	Driver	Quality Warranty
W-HERO-60	Ø240*H172mm	130-150Lm/W	60W	3030LED	AC85-265V	3000K-6000K	>75	Meanwell	3 Years
W-HERO-100	Ø240*H172mm	130-150Lm/W	100W	3030LED	AC85-265V		>75	Meanwell	3 Years
W-HERO-150	Ø280*H185.5mm	130-150Lm/W	150W	3030LED	AC85-265V		>75	Meanwell	3 Years
W-HERO-200	Ø280*H185.5mm	130-150Lm/W	200W	3030LED	AC85-265V		>75	Meanwell	3 Years







## FLOOD LED



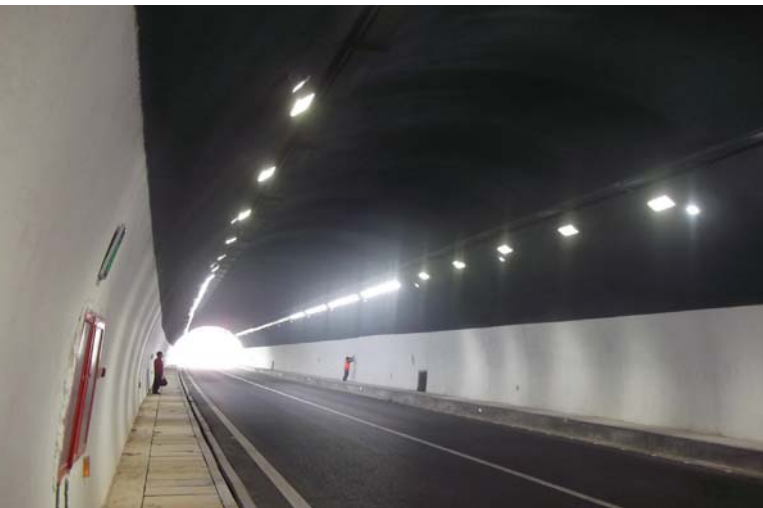
**CHIP PHILIPS**



**3 GARANSI TAHUN**



Model	Size (mm)	Lumens (lm)	Power (W)	LED Chip	Input Voltage (V)	Color Temp. (K)	Beam Angle	Quality Warranty
W-UFIN-P30	L219xW191xH35mm	3600Lm	30W	Philips 3030	AC80-270V	3000K-6000K	120°	3 Years
W-UFIN-P50	L281xW220xH45mm	6000Lm	50W				120°	3 Years
W-UFIN-P100	L309xW267xH50mm	12000Lm	100W				120°	3 Years
W-UFIN-P150	L309xW267xH50mm	19500Lm	150W				120°	3 Years
W-UFIN-P200	L309xW267xH50mm	26000Lm	200W				120°	3 Years





## STREET LIGHT



**3 GARANSI  
TAHUN**



**40.000  
hours**

**CREE**

Model <b>CREE</b>	Size (mm)	Lumens (lm)	Power (W)	Input Voltage (V)	Color Temp. (K)	CRI	Quality Warranty
W-STS-30	L450xW238xH80	150Lm/W	30W	AC110/220 - DC 12V	2700K-6500K	>80	3 Years
W-STS-40	L450xW238xH80	150Lm/W	40W	AC110/220 - DC 12V		>80	3 Years
W-STS-80	L450xW238xH80	150Lm/W	80W	AC110/220		>80	3 Years
W-STS-120	L450xW238xH80	150Lm/W	120W	AC110/220		>80	3 Years

**CREE**

**MW**  
MEAN WELL



**PHOTOCELL**



**CREE**  
PHOTOCELL

W-P-80	L450xW238xH80	130-150Lm/W	80W	AC110/220	2700K-6500K	>80	2 Years
W-P-120	L450xW238xH80	130-150Lm/W	120W	AC110/220		>80	2 Years







## SOLAR CELL

**MONO**



**POLY**



**5 GARANSI TAHUN**

Model	Power (Wp)	MAX System (V)	MAX Power (Vm)	Open-Circuit (Voc)	MAX Power Current Im (A)	Short-Circuit Current Isc (A)	Quality Warranty
WOLFZ-SP50 (MONO)	50Wp	715VDC	17.6V	21.8V	2.85 A	2.98 A	2 Years
WOLFZ-SP100 (MONO)	100Wp	1000VDC	17.6V	21.8V	5.68 A	3.31 A	2 Years
WOLFZ-SP50 (POLY)	50Wp	666VDC	17.6V	21.8V	2.84 A	3.10 A	2 Years
WOLFZ-SP100 (POLY)	100Wp	908VDC	17.6V	21.8V	5.67 A	3.97 A	2 Years

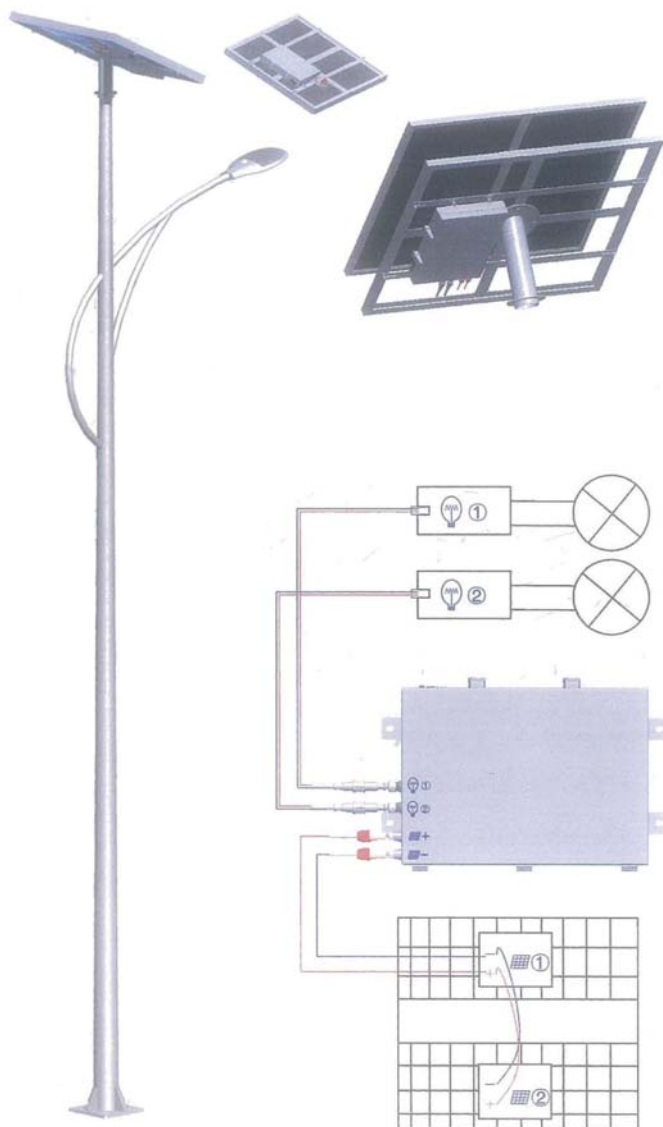
## SET HOME SYSTEM

**How it works**



Solar 100 Wp	1 unit
Battery 100 Ah / 12 VDC	1 unit
Bulb 6 Watt 12 VDC	3 unit
Kabel	1 roll
Box	1 unit
Controller 15 A	1 unit
Inverter 500-2000 Watt	1 unit

## SET PJU TENAGA SURYA



### 30 Watt Single

<b>A</b>	- Lampu Street Light 30 Watt (Cree)	1 unit
	- Solar Panel 100 Wp	1 unit
	- Controller 15 A (12 V / 24 V)	1 unit
	- Box	1 unit
	- Battery 100 AH / 12 VCD	1 unit
	- Tiang Single 6/7 Meter	1 unit
	- Cable	1 roll

<b>B</b>	- Lampu Street Light 30 Watt (Cree)	1 unit
	- Solar Panel 100 Wp	2 unit
	- Controller 15 A (12 V / 24 V)	1 unit
	- Box	1 unit
	- Battery 100 AH / 12 VCD	1 unit
	- Tiang Single 6/7 Meter	1 unit
	- Cable	1 roll

### 40 Watt Single

<b>A</b>	- Lampu Street Light 40 Watt (Cree)	1 unit
	- Solar Panel 100 Wp	1 unit
	- Controller 15 A (12 V / 24 V)	1 unit
	- Box	1 unit
	- Battery 100 AH / 12 VCD	1 unit
	- Tiang Single 6/7 Meter	1 unit
	- Cable	1 roll

<b>B</b>	- Lampu Street Light 40 Watt (Cree)	1 unit
	- Solar Panel 100 Wp	2 unit
	- Controller 15 A (12 V / 24 V)	1 unit
	- Box	1 unit
	- Battery 100 AH / 12 VCD	1 unit
	- Tiang Single 6/7 Meter	1 unit
	- Cable	1 roll

### 60 Watt Single

<b>A</b>	- Lampu Street Light 60 Watt (Cree)	1 unit
	- Solar Panel 100 Wp	2 unit
	- Controller 15 A (12 V / 24 V)	1 unit
	- Box	1 unit
	- Battery 100 AH / 12 VCD	1 unit
	- Tiang Single 6/7 Meter	1 unit
	- Cable	1 roll







## CONTROLLER

### WOLFZ-CTR-15A



**1 GARANSI TAHUN**

Model	Power	Voltage	Weight	IP	Using	Over Changer Protection Charge	Float Charger
WOLFZ-CTR-15A	15 A	12V/24V	110 g	IP 22	270 Watt / 540 Watt	14.5 V/29 V	13.8V/27.6V

## BATTERY SOLAR

**2 GARANSI TAHUN**



### WOLFZ-ACCU-A

**1 GARANSI TAHUN**



### WOLFZ-ACCU-B

Model	Power	Type	Floating	Cycle Use	Initial Current Less Than	Charging Instruction	Year
WOLFZ-ACCU-A	100 AH	A	13.5 - 13.8 V	14.4 - 14.9 V	15 A	25°C	2 Years
WOLFZ-ACCU-B	100 AH	B	13.5 - 13.8 V	14.5 - 14.9 V	30 A	25°C	1 Year



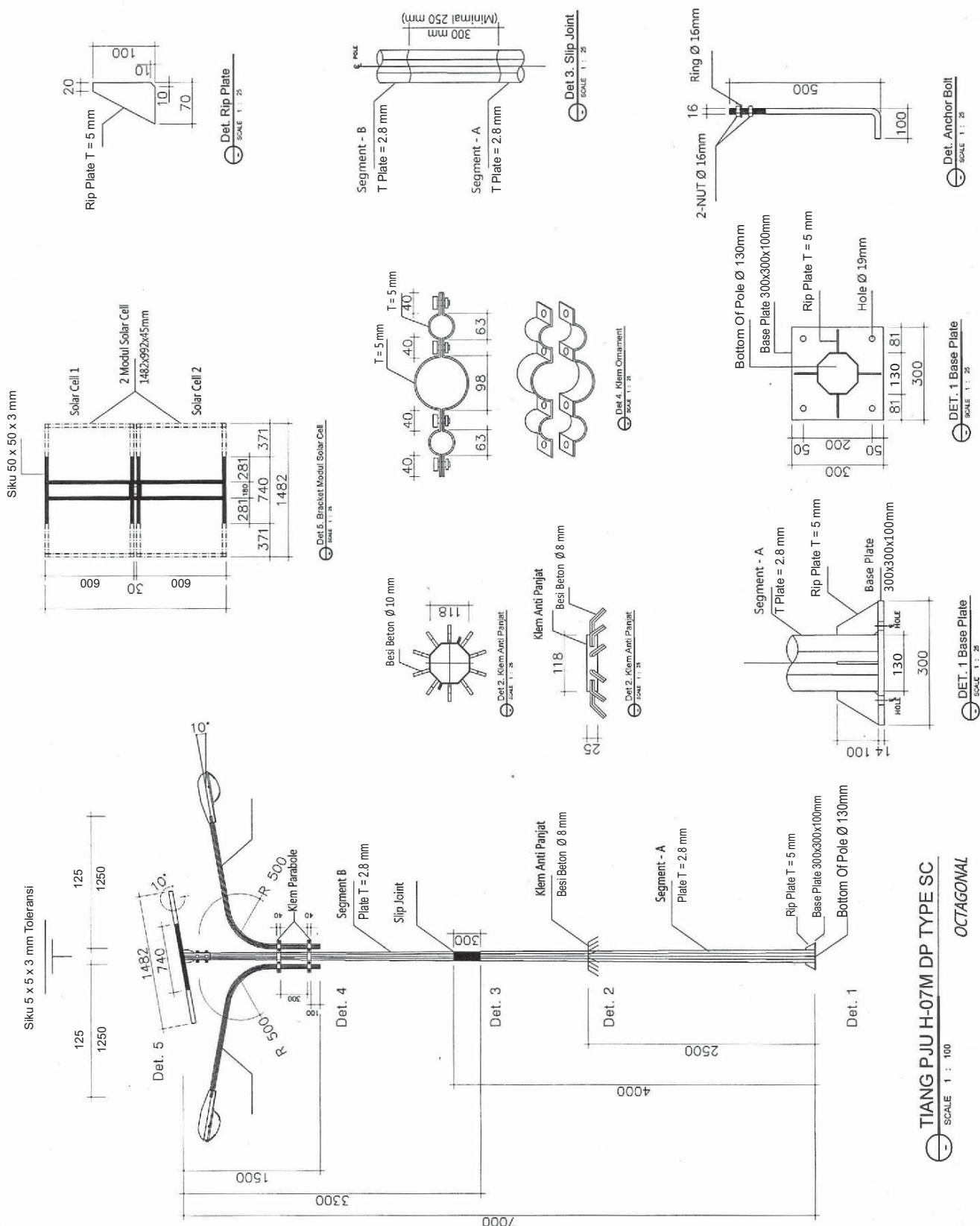
## INTEGRATED SOLAR STREET



### INTEGRATED SOLAR STREET LAMP PACKAGING DETAILS

Product Code	W-INT-30	W-INT-40	W-INT-50	W-INT-60
<b>Electronic Parameter</b>				
LED Chip	3030 / 32 PCS	3030 / 40 PCS	3030 / 50 PCS	3030 / 60 PCS
Lamp Power	30	40	50	60
Solar Panel	18V 60W	18V 60W	18V 70W	18V 70W
Battery (AH/V)	IFR26650 12.8V 21AH	IFR26650 12.8V 24AH	IFR26650 12.8V 36AH	IFR26650 12.8V 42AH
Discharge Time (Full Time-100%)	12H	12H	18H	18H
Discharge Time (Full Time-30%)	50H	50H	50H	50H
Charge Time	7-8H (Ample Sunshine)	7-8H (Ample Sunshine)	7-9H (Ample Sunshine)	8-9H (Ample Sunshine)
Working Temperature	-20-60°C	-20-60°C	-20-60°C	-20-60°C
Light on and off Condition	On≤10 LXS, Off≥15 LXS	On≤10 LXS, Off≥15 LXS	On≤10 LXS, Off≥15 LXS	On≤10 LXS, Off≥15 LXS
<b>Parameter</b>				
LED Lumen	3300	4400	5500	6500
Color Temperature	3000-6000K	3000-6000K	3000-6000K	3000-6000K
Viewing Angle	60°120°	60°120°	60°120°	60°120°
<b>Dimension</b>				
Space between Lamp	18-20M	20-22M	22-25M	22-25M
Lamp Pole Size	60-90MM	60-90MM	70-90MM	70-90MM
Product Size	1114*295*148MM	1114*295*148MM	1114*420*148MM	1114*420*148MM
Packing Size	1160*350*185MM	1160*350*185MM	1160*480*185MM	1160*480*185MM
Weight	15Kg	15Kg	20.5Kg	21Kg



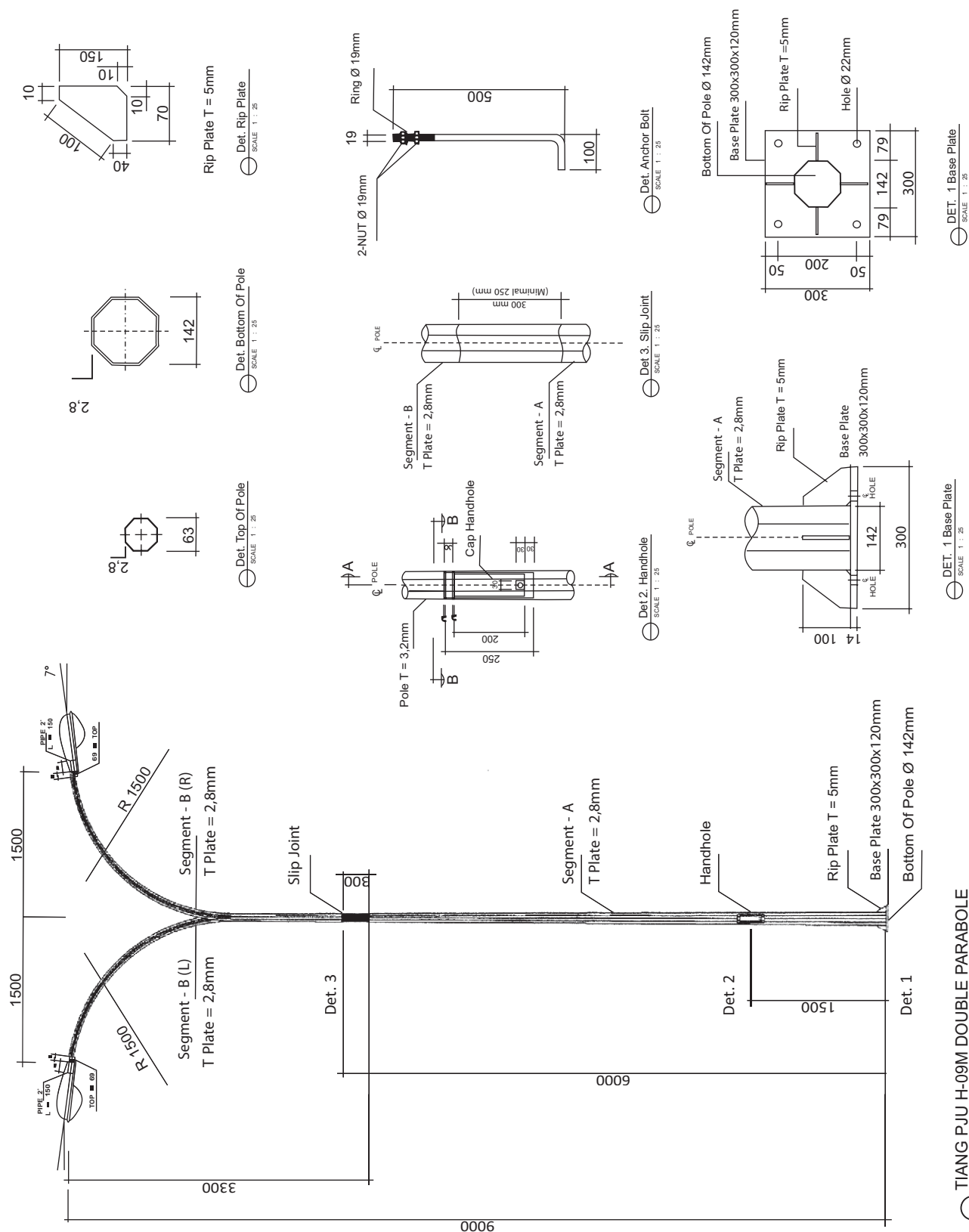


Spec 1



Spec 2





### Spec 3

TIANG PJU H-09M DOUBLE PARABOLE  
SCALE 1 : 25  
OCTAGONAL

