



COMPANY PROFILE

Presented by: PT. KARYA ENERGI SEMESTA





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ABOUT US



HISTORY

PT. KARYA ENERGI SEMESTA (PT. KES) was established on January 12, 2013

Based on the Decree of the Minister of Law and Human Rights of the Republic of Indonesia,

Number AHU -16526 - AH.01.01. Year 2013

Located domestically in Tambak Sawah, Sidoarjo, East Java - Indonesia



OUR BRAND



PT. KARYA ENERGI SEMESTA is certified ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2015 and SNI IEC (IEC60598-2-3 : 2016)

01

ABOUT US



IEC60598-2-3 : 2016

Delivering Luminaires with:

- Standardized design
- Controlled production processes
- Strict quality control



01

ABOUT US

QUALITY FOCUS



Product design supported by reliable production facilities and well-known brands



QUALITY TEST



Product Design



02

VISION AND MISSION

VISION

To become a leading and trusted Indonesian company in renewable energy and electronic media

MISSION

- To develop environmentally friendly alternative energy solutions
- To deliver the best quality products and services to achieve customer satisfaction



03 OUR PRODUCTS

Street Light



Street Light
AC and DC

Floodlight



Spotlight/ Stadium
Light
AC and DC

Highbay



Warehouse /
Industrial Light
AC

Sehen (SHS)



Energy Saving Indoor
Light
DC

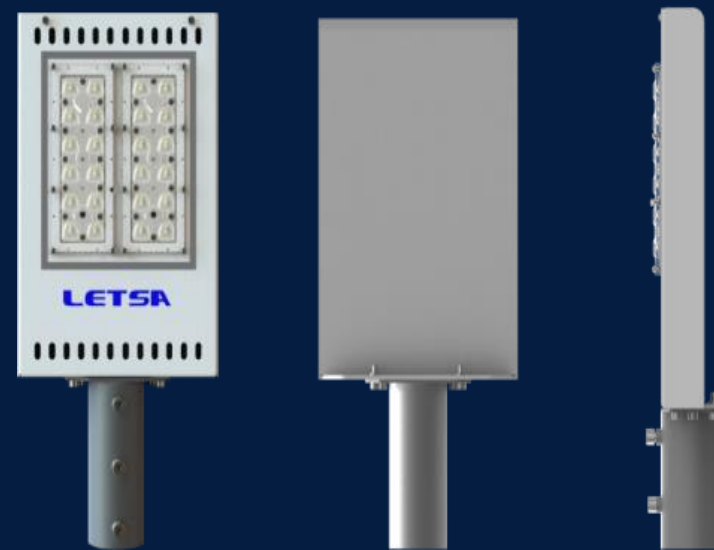
03

OUR PRODUCTS - STREET LIGHT



TYPE P07

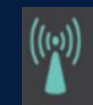
AC : 40 W – 180 W
DC : 40 W – 80 W



TYPE P08

AC : 15 W – 70 W
DC : 20 W – 40 W

Optional Features :



Smart System



03

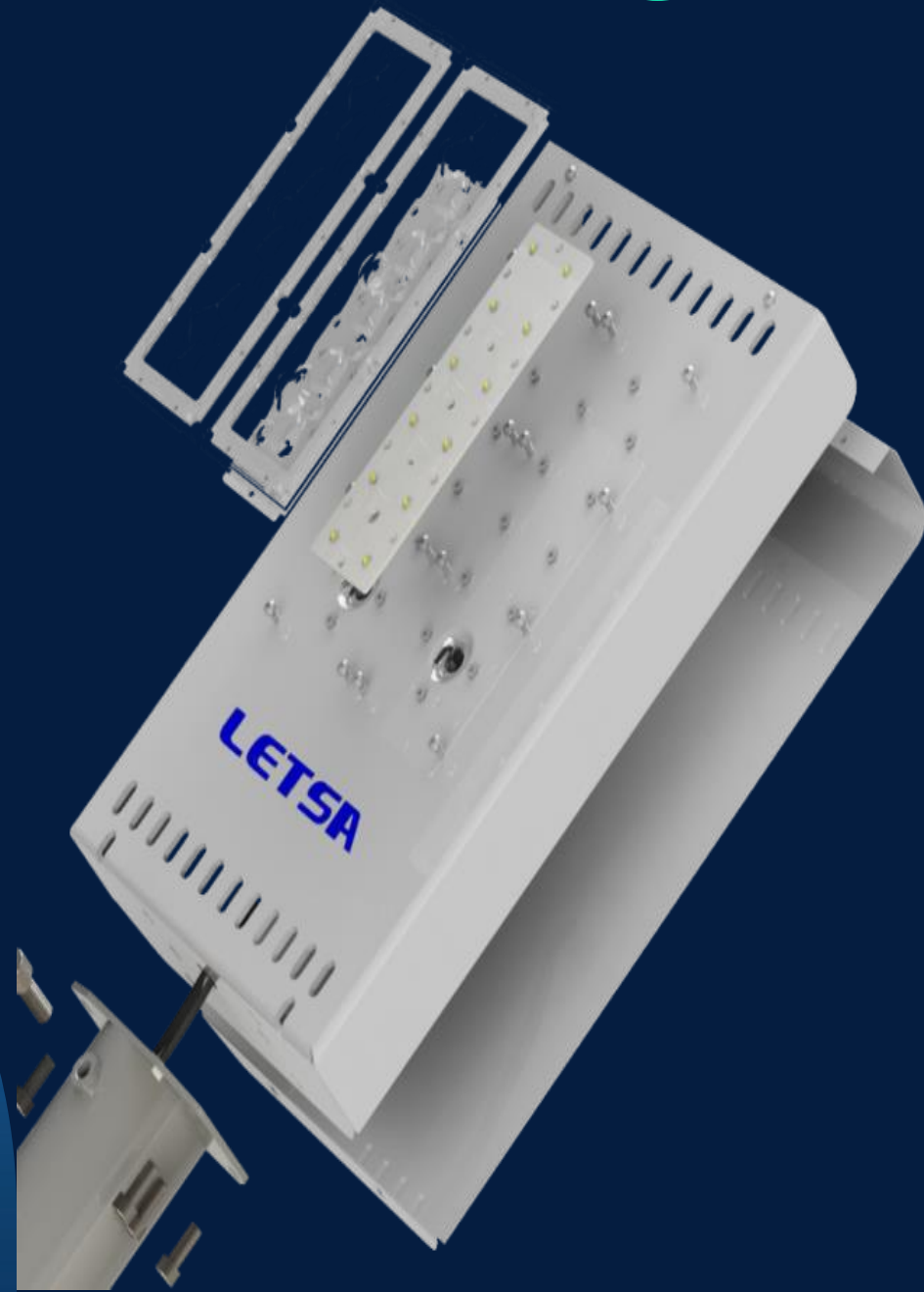
TECHNICAL SPECIFICATIONS - STREET LIGHT P07



SPEIFICATION	AC	DC
Dimension	709 mm x 289 mm x 108 mm	
CCT	3000 °K - 5700°K	
Power	40 / 60 / 80 / 100 / 125 / 180 Watt	40 / 60 / 80 Watt
Luminous Efficacy	160 lm / Watt	
Communication	Smart System (optional)	Bluetooth
Power Max	-	150 / 2x150 / 2x150 Wp
Battery	-	Lithium Ion
Battery Capacity	-	660 / 970 / 1.320 Wh
Working Method	Automatic ON when sunset, Automatic OFF when sunrise	

03

TECHNICAL SPECIFICATIONS – STREET LIGHT P08



SPEIFICATION	AC	DC
Dimension	480 mm x 210 mm x 75 mm	
CCT	3000 °K - 5700°K	
Power	15 / 40 / 70 Watt	20 / 30 / 40 Watt
Luminous Efficacy	160 lm / Watt	
Communication	Smart System (optional)	Bluetooth
Power Max	-	2 x 50 / 120 / 150 Wp
Battery	-	Lithium Ion
Battery Capacity	-	266 / 390 / 520 Wh
Working Method	Automatic ON when sunset, Automatic OFF when sunrise	

03

OUR PRODUCTS - FLOODLIGHT & HIGHBAY



HIGHBAY

AC : 100 W – 300 W
DC : -



FLOODLIGHT

AC : 50 W – 500 W
DC : 50 W

Optional Features :

 Smart System



LED Flood Light

IP 65

03

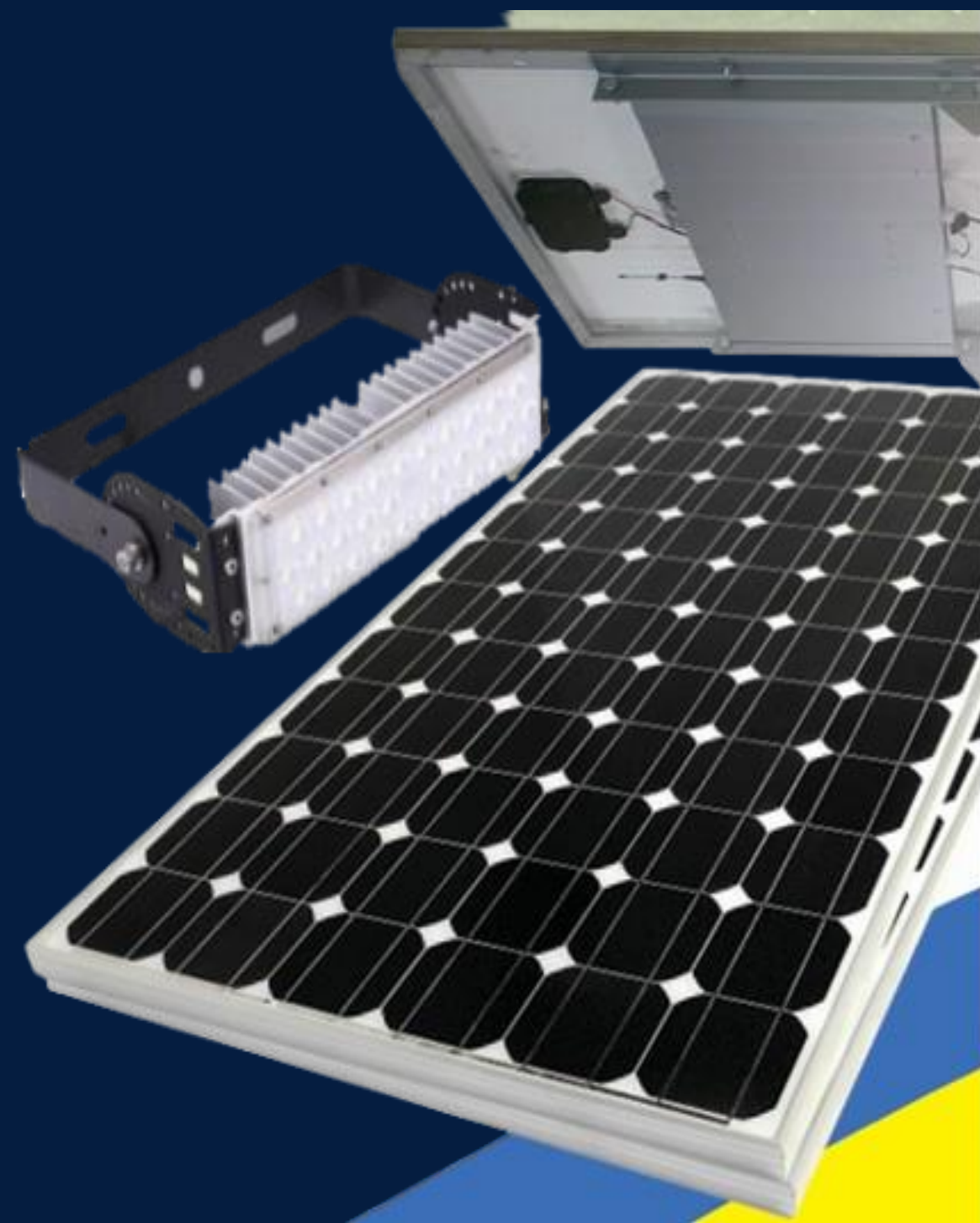
TECHNICAL SPECIFICATIONS – FLOODLIGHT



SPE SIFI CATION	50 WATT	100 WATT	150 WATT	200 WATT	300 WATT	400 WATT	500 WATT
Input Voltage	AC 100 – 240 V, 50 – 60 Hz						
Luminous Flux	8.000 Lm	16.000 Lm	24.000 Lm	32.000 Lm	48.000 Lm	64.000 Lm	80.000 Lm
Efficacy	160 Lm/ Watt						
CCT	3000 – 6500 °K						
Lifetime LED	Up To 50.000 Hours						
CRI	70 Or Higher						
Rating	IP 65						
Dimension	302 X 53 X 71 mm	302 X 53 X 148 mm	302 x 53 x 225 mm	308 X 60 X 302 mm	308 x 60 x 456 mm	308 x 60 x 610 mm	308 x 60 x 764 mm
Beam Angle	90°						

03

TECHNICAL SPECIFICATIONS - SOLAR FLOODLIGHT



SPEISIFICATION	FLOODLIGHT DC 50 W
Power	50 W
Input Voltage	48 V DC
Luminous Efficacy	160 Lm/ Watt
CCT	5000 K
CRI	70 or higher
Dimension	70 mm x 310 mm x 90 mm
Solar Cell	200 Wp
Battery	Lithium Ion
Capacity Battery	900 Wh

TECHNICAL SPECIFICATIONS – HIGHBAY



SPEIFICATION	100 WATT	150 WATT	200 WATT	240 WATT	300 WATT
Input Voltage	100 – 270 V, 50 – 60 Hz				
Luminous Flux	21.000 Lm	31.500 Lm	42.000 Lm	50.400 Lm	63.000 Lm
Efficacy	210 Lm / Watt				
CCT	3000 – 6500 °K				
Lifetime LED	Up To 50.000 Hours				
CRI	70 Or Higher				
Rating	IP 65				
Dimension	Ø 280 mm, H 121 mm	Ø 280 mm, H 121 mm	Ø 320 mm, H 121 mm	Ø 360 mm, H 132 mm	Ø 400 mm, H 132 mm
Beam Angle	90°				

03

OUR PRODUCTS – SEHEN / SHS



SEHEN LETSA

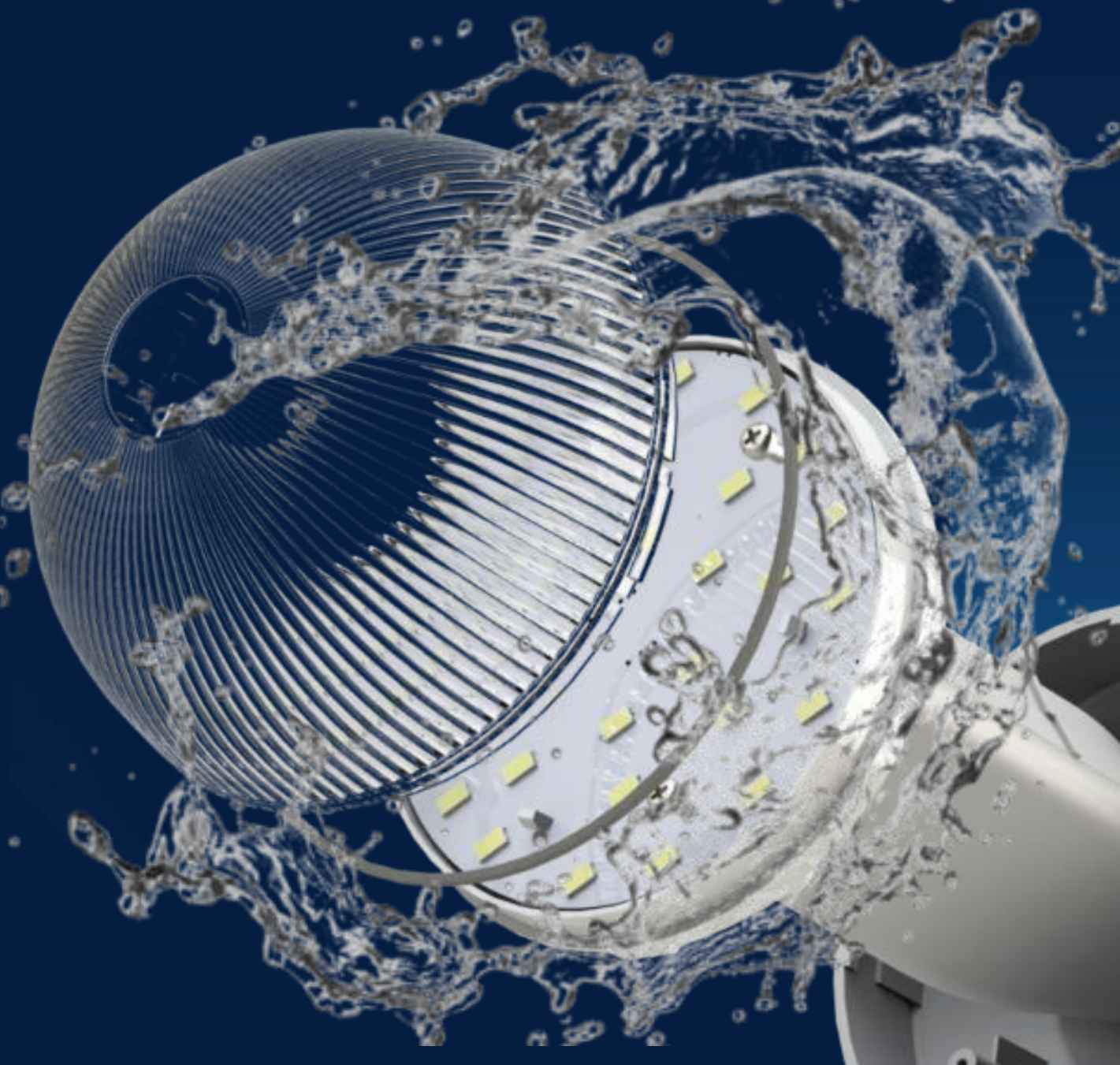
DC : 3 W



SEHEN SENERGO

DC : 5 W

IP 65



03

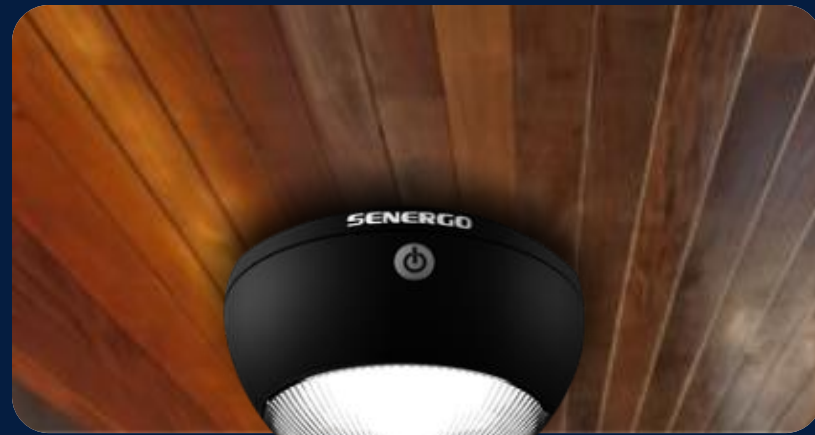
TECHNICAL SPECIFICATIONS – SEHEN LETSA



SPEISIFICATION	LETSA LS0031	LETSA LS0032	LETSA LS0033
Light Source	SMDLed		
CCT	CoolWhite (5000 °K)		
Battery	Li Ion		
Capacity	13 – 19.2 Wh	16 Wh	16 Wh
Amount & Location Battery	2 pcs on Luminaire		
Material	Plastic ABS / PC Makrolon		
Light Intensity	Dimmable		
Efficacy	156 Lumen/watt		
Amount of Lamp	3 pcs	4 pcs	5 pcs
Lifetime LED	Up To 50.000 Hours		
Solar Cell	15 – 17 Wp	30 Wp	30 Wp
IP Rating	IP 65		

03

TECHNICAL SPECIFICATIONS – SEHEN SENERGO



SPEISIFICATION	SENERGO DC 5 WATT
Light Source	SMD Led
CCT	Cool White (5000 °K)
Battery	Li Ion
Capacity	37 Wh
Amount & Location Battery	4 pcs on Luminaire
Lifetime	> 3 Years
Material	Plastic ABS / PC Makrolon
Light Intensity	Dimmable
Efficacy	156 lumen/watt
Amount of Lamp	3 pcs
IP Rating	IP 65
Working Duration	SH = 6 hours
	Hi = 10 hours / Mid = 20 hours / Lo = 100 hours

04

OUR PROJECT



GOVERNMENT PROJECT

Involved in various national and regional government street lighting projects.



NON GOVERNMENT PROJECT

Collaboration with private sectors domestically and internationally



RETAIL

Providing indoor and outdoor lighting solutions directly to end users.



Distribution of Our Product

05

GALLERY

Street Light P07 Project in
Kolaka



Street Light P07 Project in
Malili



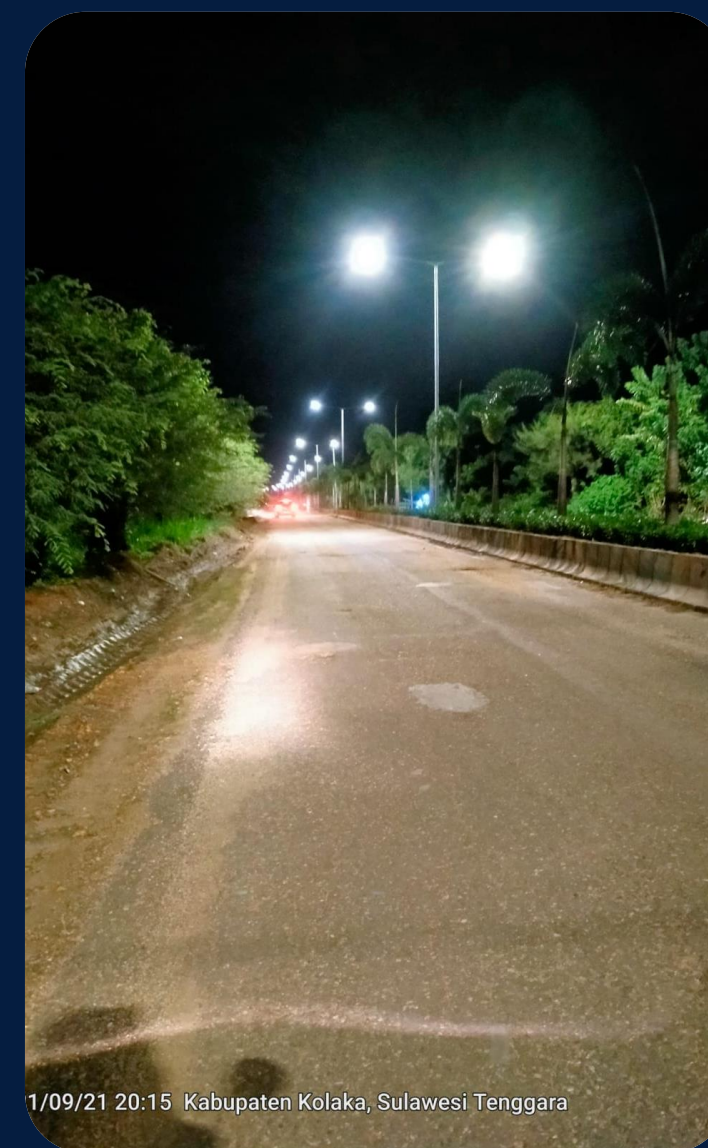
05

GALLERY

Street Light P07 Project in Sorowako



Street Light P07 Project in Kolaka



1/09/21 20:15 Kabupaten Kolaka, Sulawesi Tenggara



1/09/20 19:16 Kabupaten Kolaka, Sulawesi Tenggara

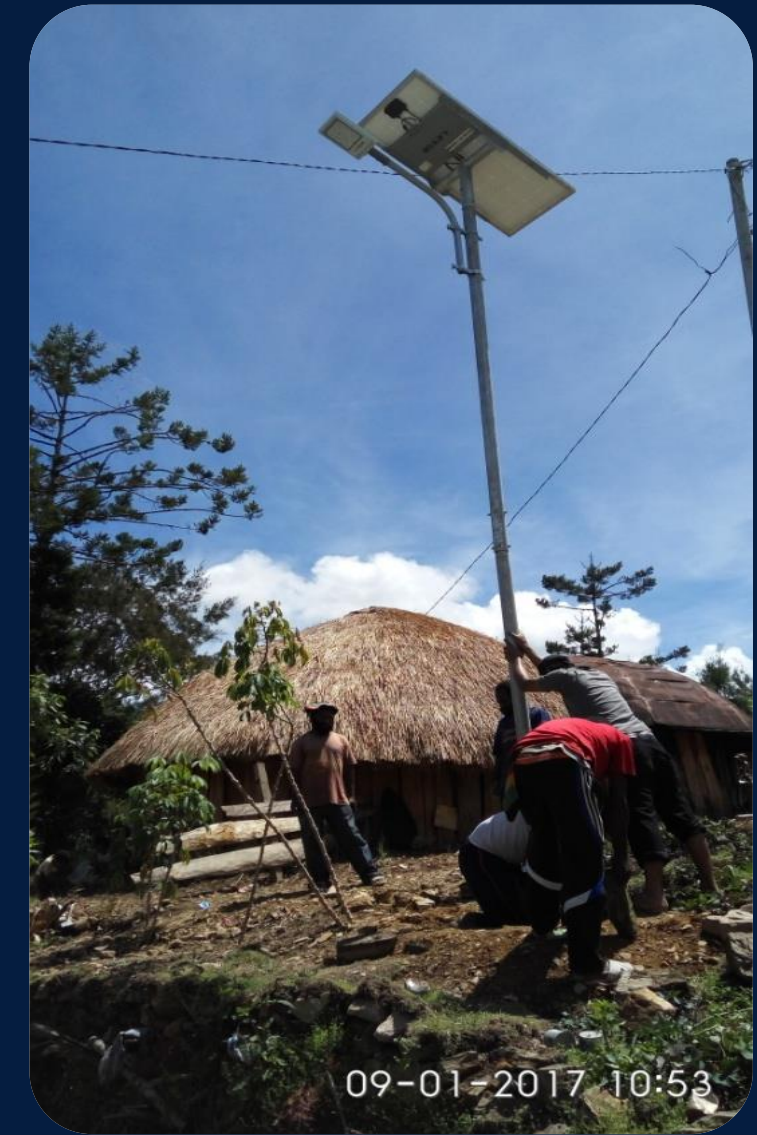
05

GALLERY

Street Light P08 Project in Tidore



Street Light P08 Project in Tolikara



05

GALLERY

Street Light P08 Project in Belang – Belang Port, Mamuju



05

GALLERY

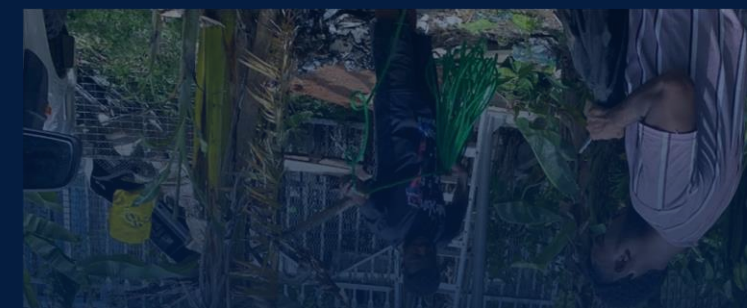
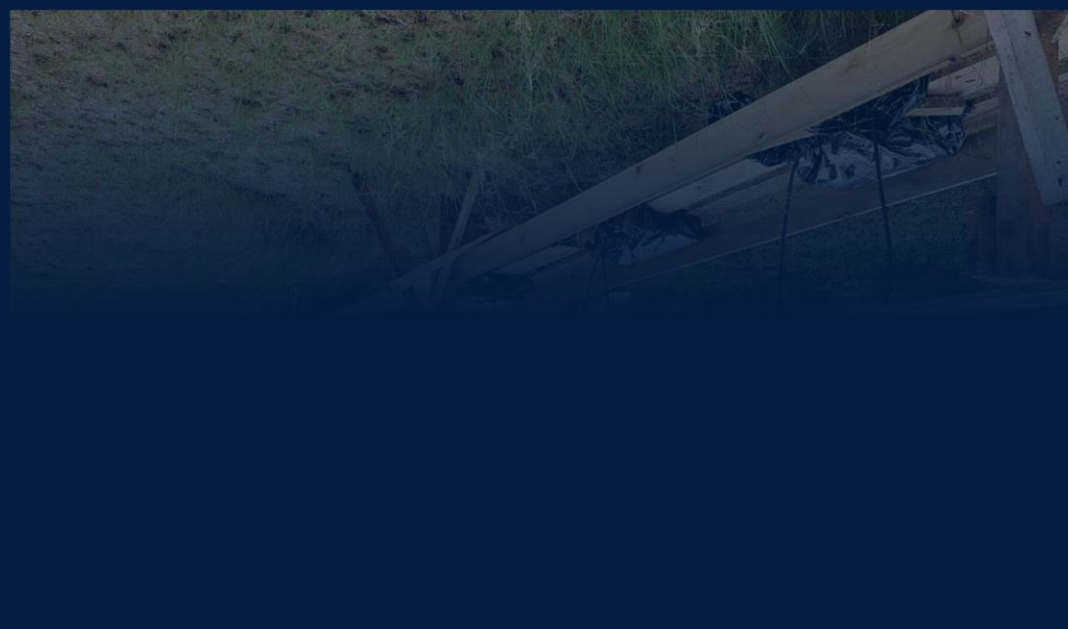
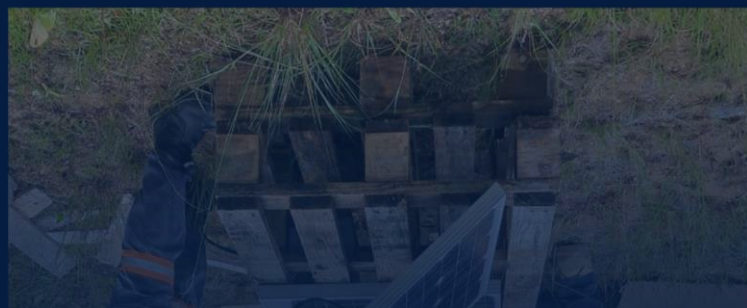
CSR Floodlight for Village Government Tambak Sawah - Sidoarjo



05

GALLERY

Solar Floodlight Project in Santos, Ltd – Papua New Guinea



05

GALLERY

Project Sehen in Raja Ampat – Southwest Papua



06

PARTNERSHIP OFFER



KES provides the right solutions for your lighting needs

PARTNERSHIP OFFER



▶ PRE SALES

- Understanding customer needs and challenges
- Providing the right lighting solutions
- Product education

▶ SALES

- Maintaining product quality
- Flexible order quantities

▶ AFTER SALES

- Spare part availability
- Responsive complaint handling
- Maintenance services

06

PARTNERSHIP OFFER

1. Competitive Pricing without compromising quality
2. Fast Lead Time with strong production planning
3. Stable Supply Chain and inventory readiness
4. Flexible Payment Terms for long-term partnerships
5. Export-ready products with international standards

FORECAST

07





CONTACT

THANK YOU



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