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CAR BROCHURE HEADLIGHT

2024



TECHNOLOGICAL INNOVATION

Make hundreds of millions of users enjoy the fun of exploring life

GLOBAL EXPANSION

Win-win cooperation with thousands of enterprises- Joint stock partnership with hundreds of elites

COMPANY PROFILE

TAWA was founded in 2010. Our vision is to devote ourselves to providing consumers with a brighter safer and more convenient product experience in driving, travel, outdoor work, camping and other scenarios through independent research and development and technological innovation,discover the joys of life!

TAWA is a leading supplier of automotive LED headlights and automotive emergency tools in China Relying on Guangzhou, Dubai, Riyadh, Manama sales&service centers, Foshan R&D and production base and Guangzhou logistics center, we focus on technological innovation and market demand research, continue to provide our customers with high quality products, fast delivery times and consultative sales services.

TAWA's own brand "CONPEX" is a well-known brand in the automotive supplies industry in the Middle East. The brand covers automotive LED headlights, multi-functional LED camping lights, portable electric jacks and other product modules.It sells well in 72 countries and regions around the world, we have served more than 10 million users around the world.

TAWA adheres to the business philosophy of cooperation, co-creation, win-win, and sharing, and always adheres to the business goal of creating value for customers and seeking happiness for employees.Strive to achieve business all over the world, achieve thousands of enterprises, and realize the mission of holding shares by a hundred people!

EXPLORE IN LIFE PLEASURE

2024

2A



M2



M8/M8Pro



V65(5G Vapor Heat dissipation technology)
V100



X1/X6/X7



F8/W6



Heat dissipation
technology

Aluminum plate
Heat dissipation technology

Single copper tube + copper plate
Heat dissipation technology

Double copper tube + fin
Heat dissipation technology

Double copper tube + fin
Appearance upgrade
Heat dissipation technology

Upgrade of fanless
and D series

2015(Year)

2017(Year)

2019(Year)

2021(Year)

2023(Year)

2014(Year)

2016(Year)

2018(Year)

2020(Year)

2022(Year)

2024(Year)

COB
Heat dissipation technology

Copper plate
Heat dissipation technology

Fanless
Heat dissipation technology

Built-in fan, single copper tube + fin
Heat dissipation technology

Three copper tubes
Heat dissipation technology



4A



M3



P10



V37



K150/X18/X8



FOUNDER'S PHILOSOPHY:

Leading the industry through technological improvement and product innovation, providing users with valuable products and services for safe driving and outdoor exploration, enhancing user experience and adding joy to life! Taking achievement of others as the value orientation, creating value for customers, seeking happiness for employees, and undertaking corporate social responsibility!



CATALOGUE

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BROCHURE

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X8 100W

High Power Series Brighter . Smarter . Safer

10000LM

● Sanan CSP Chips



Product Parameters

Power	100W/bulb	G.W/CTN	19.5KG
Lumen	10000LM/bulb	Lifespan	>50000hours
Voltage	9-30V	Light Efficiency	95.61lm/W
Current	8.3A	Color Temperature	3000K/4300K/6000K
LED Chip	Sanan CSP Chips	Product Size	33*80mm
Ra	73.5	Temperature Control System	Yes

PRODUCT STRUCTURE CONFIGURE

Sanan CSP Chips

Double copper tube

Zinc alloy

Aluminum Fins

Hydraulic Fan



EXCLUSIVE MOLD OPENING
UNIQUE DESIGN PACKAGE





X5 75W/100W

Product Parameters

Power	75W-100W/bulb
Lumen	7500LM-10000LM/bulb
Voltage	9-30V
Current	6.25A/8.33A
LED Chip	Sanan CSP Chips
Ra	73.5
G.W/CTN	22.34KG
Lifespan	>50000hours
Light Efficiency	95.6lm/W
Color Temperature	3000K/4300K/6000K
Product Size	35*82mm
Temperature Control System	Yes

7500LM-10000LM

- High Power Series
Brighter . Smarter . Safer
- Sanan CSP Chips

**IP68**
Waterproof

**1YEAR**
Warranty



A VARIETY LOOKS OF COLORS ARE AVAILABLE



X6 100W

Product Parameters

Power	100W/bulb
Lumen	10000LM/bulb
Voltage	9-30V
Current	8.3A
LED Chip	Sanan CSP Chips
Ra	73.5
G.W/CTN	22.34KG
Lifespan	>50000hours
Light Efficiency	95.6lm/W
Color Temperature	3000K/4300K/6000K
Product Size	35*82mm
Temperature Control System	Yes

10000LM

- High Power Series
Brighter . Smarter . Safer
- Sanan CSP Chips

**IP68**
Waterproof

**1YEAR**
Warranty



A VARIETY LOOKS OF COLORS ARE AVAILABLE



X7 75W

Product Parameters

Power	75W/bulb
Lumen	7500LM/bulb
Voltage	9-30V
Current	6.2A
LED Chip	Sanan CSP Chips
Ra	73.5
G.W/CTN	22.34KG
Lifespan	>50000hours
Light Efficiency	95.6lm/W
Color Temperature	3000K/4300K/6000K
Product Size	35*82mm
Temperature Control System	Yes



A VARIETY LOOKS OF COLORS ARE AVAILABLE

7500LM

- High Power Series
Brighter . Smarter . Safer
- Sanan CSP Chips



IP68
Waterproof



1YEAR
Warranty



X9 85W

Product Parameters

Power	85W/bulb
Lumen	8500LM/bulb
Voltage	9-30V
Current	7.08A
LED Chip	4575 CSP Chips
Ra	73.5
G.W/CTN	22.34KG
Lifespan	>50000hours
Light Efficiency	95.6lm/W
Color Temperature	3000K/4300K/6000K
Product Size	38*82mm
Temperature Control System	Yes

8500LM

- High Power Series
Brighter . Smarter . Safer
- 4575 CSP Chips



IP68
Waterproof



1YEAR
Warranty



EXCLUSIVE MOLD OPENING UNIQUE DESIGN PACKAGE



X10 85W

Product Parameters

Power	85W/bulb
Lumen	8500LM/bulb
Voltage	9-30V
Current	7.08A
LED Chip	4575 CSP Chips
Ra	73.5
G.W/CTN	22.34KG
Lifespan	>50000hours
Light Efficiency	95.6lm/W
Color Temperature	3000K/4300K/6000K
Product Size	38*82mm
Temperature Control System	Yes

8500LM

- High Power Series
Brighter . Smarter . Safer
- 4575 CSP Chips



IP68
Waterproof



1YEAR
Warranty



EXCLUSIVE MOLD OPENING UNIQUE DESIGN PACKAGE



X11 120W

Product Parameters

Power	120W/bulb
Lumen	12000LM/bulb
Voltage	9-30V
Current	10A
LED Chip	4575 CSP Chips
Ra	73.5
G.W/CTN	22.34KG
Lifespan	>50000hours
Light Efficiency	95.6lm/W
Color Temperature	3000K/4300K/6000K
Product Size	38*82mm
Temperature Control System	Yes

12000LM

- High Power Series
Brighter . Smarter . Safer
- 4575 CSP Chips



IP68
Waterproof



1YEAR
Warranty



EXCLUSIVE MOLD OPENING UNIQUE DESIGN PACKAGE



X12 120W

Product Parameters

Power	120W/bulb
Lumen	12000LM/bulb
Voltage	9-30V
Current	10A
LED Chip	4575 CSP Chips
Ra	73.5
G.W/CTN	22.34KG
Lifespan	>50000hours
Light Efficiency	95.61lm/W
Color Temperature	3000K/4300K/6000K
Product Size	38*82mm
Temperature Control System	Yes

12000LM

- High Power Series
Brighter . Smarter . Safer
- 4575 CSP Chips



IP68
Waterproof



1YEAR
Warranty



EXCLUSIVE MOLD OPENING UNIQUE DESIGN PACKAGE



X19 100W

Product Parameters

Power	100W/bulb
Lumen	10000LM/bulb
Voltage	9-30V
Current	8.3A
LED Chip	Sanan CSP Chips
Ra	73.5
G.W/CTN	19.5KG
Lifespan	>50000hours
Light Efficiency	95.61lm/W
Color Temperature	3000K/4300K/6000K
Product Size	34*81mm
Temperature Control System	Yes

10000LM

- High Power Series
Brighter . Smarter . Safer
- Sanan CSP Chips



IP68
Waterproof



1YEAR
Warranty



EXCLUSIVE MOLD OPENING UNIQUE DESIGN PACKAGE



X20 100W

Product Parameters

Power	100W/bulb
Lumen	10000LM/bulb
Voltage	9-30V
Current	8.3A
LED Chip	Sanan CSP Chips
Ra	73.5
G.W/CTN	19.5KG
Lifespan	>50000hours
Light Efficiency	95.61lm/W
Color Temperature	3000K/4300K/6000K
Product Size	34*79mm
Temperature Control System	Yes

10000LM

- High Power Series
Brighter . Smarter . Safer
- Sanan CSP Chips



IP68
Waterproof



1YEAR
Warranty



EXCLUSIVE MOLD OPENING UNIQUE DESIGN PACKAGE



K100 100W

Product Parameters

Power	100W/bulb
Lumen	10000LM/bulb
Voltage	9-30V
Current	8.33A
LED Chip	Sanan CSP Chips
Ra	73.5
G.W/CTN	22.34KG
Lifespan	>50000hours
Light Efficiency	95.61lm/W
Color Temperature	3000K/4300K/6000K
Product Size	35*82mm
Temperature Control System	Yes

10000LM

- High Power Series
Brighter . Smarter . Safer
- Sanan CSP Chips



IP68
Waterproof



1YEAR
Warranty



A VARIETY LOOKS OF COLORS ARE AVAILABLE

K150 150W

Product Parameters

Power	150W/bulb
Lumen	15000LM/bulb
Voltage	9-30V
Current	12.5A
LED Chip	Sanan CSP Chips
Ra	73.5
G.W/CTN	22.34KG
Lifespan	>50000hours
Light Efficiency	95.61lm/W
Color Temperature	3000K/4300K/6000K
Product Size	38*82mm
Temperature Control System	Yes



15000LM

- High Power Series
Brighter . Smarter . Safer
- Sanan CSP Chips



IP68
Waterproof



1YEAR
Warranty



A VARIETY LOOKS OF COLORS ARE AVAILABLE

F7 50W

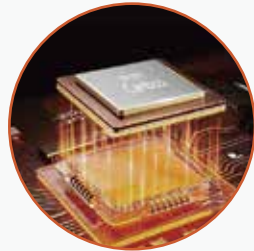
High Power Series
Brighter . Smarter . Safer



Double copper tube
cooling technology



Canbus decoding
rate reaches 99.98%



5000LM

- Sanan CSP Chips



1YEAR
Warranty



IP68
Waterproof

Product Parameters

Power	50W/bulb	G.W/CTN	19.76KG
Lumen	5000LM/bulb	Lifespan	>50000hours
Voltage	9-30V	Light Efficiency	95.61lm/W
Current	4.16A	Color Temperature	3000K/4300K/6000K
LED Chip	Sanan CSP Chips	Product Size	35*82mm
Ra	73.5	Temperature Control System	Yes



**EXCLUSIVE MOLD
OPENING**

VARIOUS DRIVERS ARE AVAILABLE



● TAWA-Q1 65W



● TAWA-Q2 85W



● TAWA-Q3 85W



● TAWA-Q4 85W



● TAWA-Q5 65W



● TAWA-Q6 65W



● TAWA-Q7 65W



● TAWA-Q8 85W



● TAWA-Q9 100W



● TAWA-Q10 150W



● TAWA-Q11 150W

W6 45W

Middle Power Series Brighter . Smarter . Safer

4500LM
● Sanan CSP Chips



Power	45W/bulb	G.W/CTN	22.34KG
Lumen	4500LM/bulb	Lifespan	>50000hours
Voltage	9-30V	Light Efficiency	95.61lm/W
Current	3.75A	Color Temperature	3000K/4300K/6000K
LED Chip	Sanan CSP Chips	Product Size	35*82mm
Ra	73.5	Temperature Control System	Yes

PRODUCT STRUCTURE CONFIGUR

Metal holder

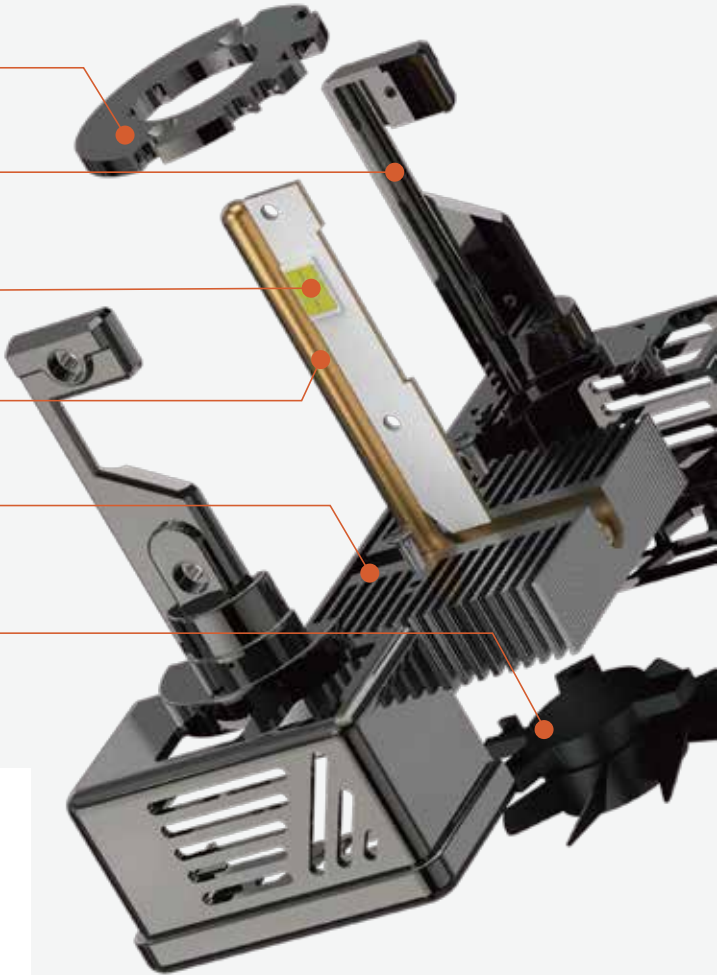
Zinc Alloy

Sanan CSP Chips

Single copper tube

Aluminum Fins

Hydraulic Fan



2 DECODING MODES CANBUS ADJUSTED

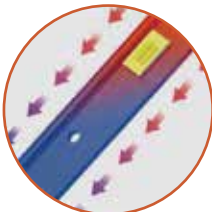


12V D Series Bulb

D1S/D2S/D3S/D4S

Middle Power Series
Brighter . Smarter . Safer

Heat dissipation
is the core technology
for LED headlight



Copper tube heat dissipation



5500LM

• USA Bridgelux CSP Chips



1YEAR
Warranty



IP68
Waterproof

Product Parameters

Power	55W/bulb	G.W/CTN	19.5KG
Lumen	5500LM/bulb	Lifespan	>50000hours
Voltage	12V	Light Efficiency	95.61lm/W
Current	4.58A	Color Temperature	3000K/4300K/6000K
LED Chip	USA Bridgelux	Product Size	29*72.5mm
Ra	73.5	Temperature Control System	Yes



V63-C 65W

Middle Power Series
Brighter . Smarter . Safer

Double copper tube



Perfect Beam Pattern, No
Glare Or Dark Spots, Safer



6500LM

• USA Bridgelux CSP Chips



1YEAR
Warranty



IP68
Waterproof

Product Parameters

Power	65W/bulb	G.W/CTN	12.5KG
Lumen	6500LM/bulb	Lifespan	>50000hours
Voltage	9-30V	Light Efficiency	95.61lm/W
Current	5.4A	Color Temperature	3000K/4300K/6000K
LED Chip	USA Bridgelux	Product Size	32*74mm
Ra	73.5	Temperature Control System	Yes



M8 50W

Middle Power Series
Brighter . Smarter . Safer

High Speed Fan



Copper tube



5000LM

• USA Bridgelux CSP Chips



1YEAR
Warranty



IP68
Waterproof

Product Parameters

Power	50W/bulb	G.W/CTN	19.76KG
Lumen	5000LM/bulb	Lifespan	>50000hours
Voltage	9-30V	Light Efficiency	95.61lm/W
Current	4.16A	Color Temperature	3000K/4300K/6000K
LED Chip	USA Bridgelux	Product Size	30*74mm
Ra	73.5	Temperature Control System	Yes



M8 Pro 55W

Middle Power Series
Brighter . Smarter . Safer

Copper Tube + Turbo Fan



IP68 Waterproof



5500LM

• USA Bridgelux CSP Chips



1YEAR
Warranty



IP68
Waterproof

Product Parameters

Power	55W/bulb	G.W/CTN	18KG
Lumen	5500LM/bulb	Lifespan	>50000hours
Voltage	9-30V	Light Efficiency	95.61lm/W
Current	4.58A	Color Temperature	3000K/4300K/6000K
LED Chip	USA Bridgelux	Product Size	35*75mm
Ra	73.5	Temperature Control System	Yes



M10 75W

Middle Power Series
Brighter . Smarter . Safer

Design A New Generation Of
Intelligent Decoding Chip



Perfect Beam Pattern, No
Glare Or Dark Spots, Safer



7500LM

• CSP Chips



1YEAR
Warranty



IP68
Waterproof

Product Parameters

Power	75W/bulb	G.W/CTN	19.76KG
Lumen	7500LM/bulb	Lifespan	>50000hours
Voltage	9-30V	Light Efficiency	95.6lm/W
Current	6.25A	Color Temperature	3000K/4300K/6000K
LED Chip	CSP Chips	Product Size	34*75mm
Ra	73.5	Temperature Control System	Yes



N55 55W

Middle Power Series
Brighter . Smarter . Safer

Copper tube



Perfect Beam Pattern, No
Glare Or Dark Spots, Safer



5500LM

• CSP Chips



1YEAR
Warranty



IP68
Waterproof

Product Parameters

Power	55W/bulb	G.W/CTN	12.5KG
Lumen	5500LM/bulb	Lifespan	>50000hours
Voltage	9-30V	Light Efficiency	95.6lm/W
Current	4.58A	Color Temperature	3000K/4300K/6000K
LED Chip	CSP Chips	Product Size	32*74mm
Ra	73.5	Temperature Control System	Yes



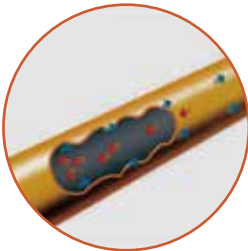
3S Pro 50W

Middle Power Series
Brighter . Smarter . Safer

3 colors
White-Warm white-Yellow



Copper tube heat dissipation



5000LM

• USA Bridgelux CSP Chips



1YEAR
Warranty



IP68
Waterproof

Product Parameters

Power	50W/bulb	G.W/CTN	19.5KG
Lumen	5000LM/bulb	Lifespan	>50000hours
Voltage	9-30V	Light Efficiency	95.6lm/W
Current	4.16A	Color Temperature	3000K/4300K/6000K
LED Chip	USA Bridgelux	Product Size	29*72.5mm
Ra	73.5	Temperature Control System	Yes

THREE-COLOR
SWITCHING
CONTROLLED BY YOU

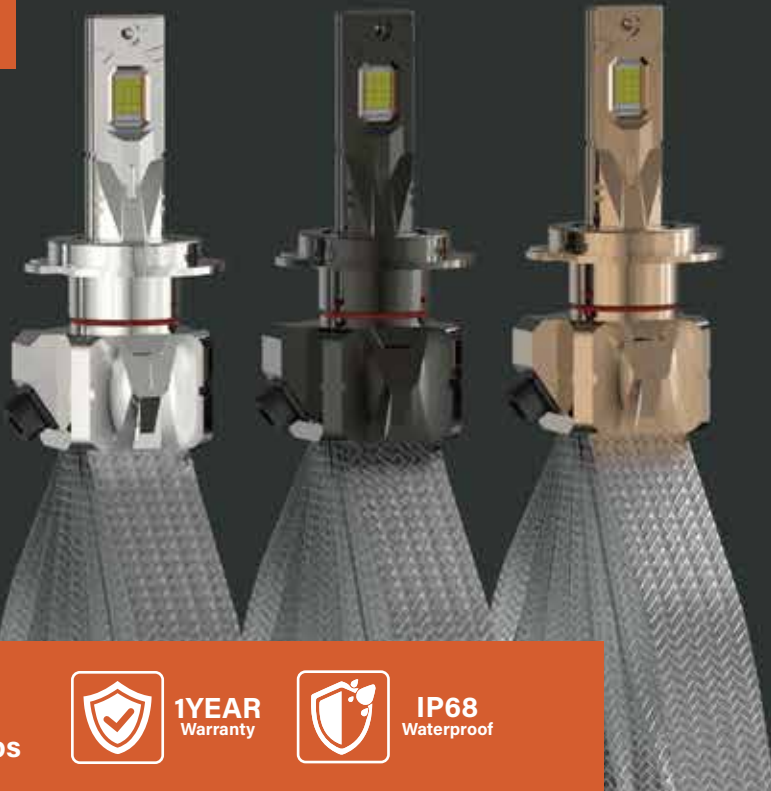
SUITABLE FOR RAINY DAY
FOGGY DAY, SNOWY DAY!



F8 70W

High Power Series Brighter . Smarter . Safer

New



7000LM

● 75mil 4575 Sanan Chips



1YEAR
Warranty



IP68
Waterproof

Product Parameters

Start power	70W/bulb	Stable power	50W/bulb
Lumen	7000LM/bulb	Lifespan	>50000hours
Voltage	9-30V	Heat dissipation structure	Double copper tube + copper strip
Current	5.83A	Color Temperature	3000K/4300K/6000K
LED Chip	4575 Chips	Product Size	35*82mm
Ra	73.5	Temperature Control System	Yes

PRODUCT
STRUCTURE CONFIGUR

Metal holder

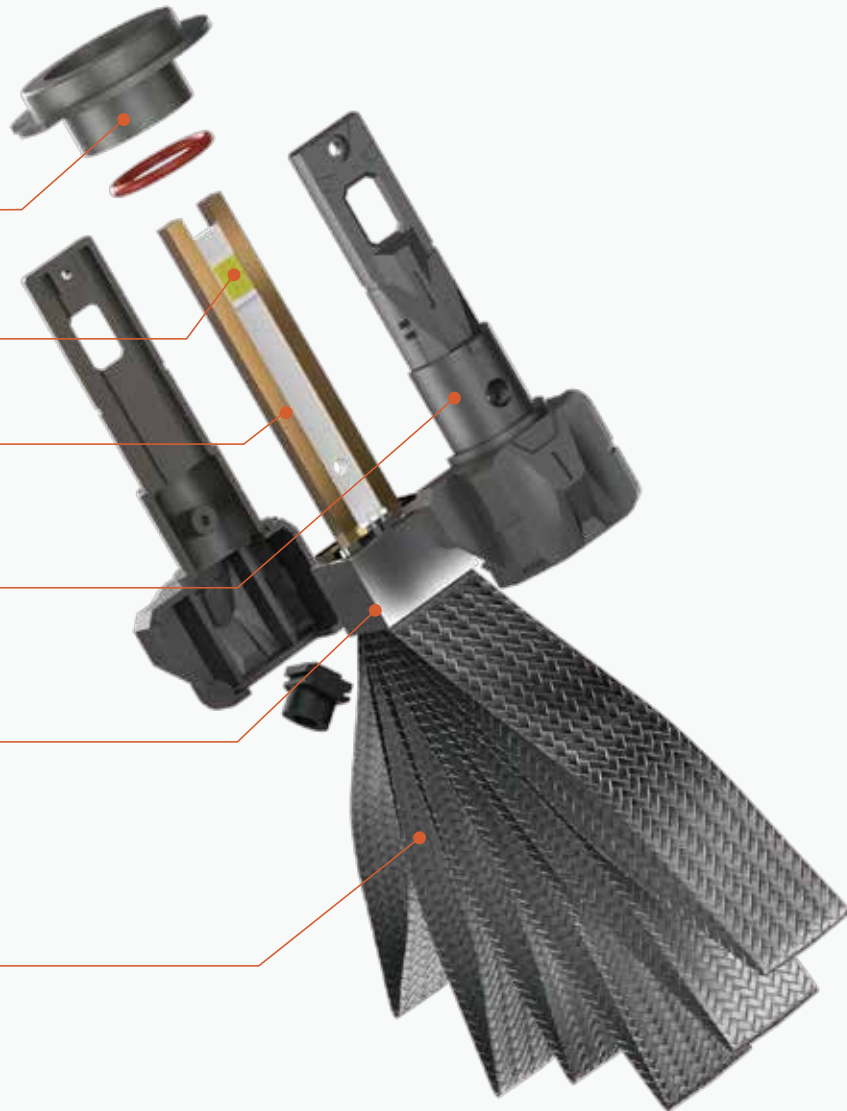
4575 Chips

Double copper tube

Zinc alloy

Bulit-in teperature control system

6*Copper strip





P14 50W

Middle Power Series
Brighter . Smarter . Safer

Product Disassembly



Copper Strip



5000LM

• Sanan Chips



1YEAR
Warranty



IP68
Waterproof

Product Parameters

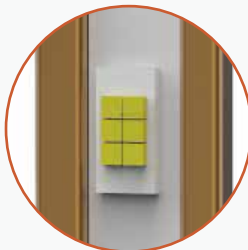
Power	50W/bulb	G.W/CTN	19.5KG
Lumen	5000LM/bulb	Lifespan	>50000hours
Voltage	9-30V	Light Efficiency	95.61lm/W
Current	4.16A	Color Temperature	3000K/4300K/6000K
LED Chip	Sanan Chips	Product Size	29*72.5mm
Ra	73.5	Temperature Control System	Yes



V38 37W

Middle Power Series
Brighter . Smarter . Safer

USA Bridgelux CSP Chip



Double copper tube
cooling technology



3700LM

• USA Bridgelux CSP Chips



1YEAR
Warranty



IP68
Waterproof

Product Parameters

Power	37W/bulb	G.W/CTN	20.24KG
Lumen	3700LM/bulb	Lifespan	>50000hours
Voltage	9-30V	Light Efficiency	95.61lm/W
Current	3.08A	Color Temperature	3000K/4300K/6000K
LED Chip	USA Bridgelux	Product Size	40*82mm
Ra	73.5	Temperature Control System	Yes



Product Parameters

Model	L1 Series
Lamps	2PCS-3570
Voltage	4.58V
Lighting angle	360°
Wattage	55W/bulb
lumens	5500lm/bulb



Product Parameters

Model	L3 Series
Lamps	2PCS-1860
Voltage	1.83V
Lighting angle	360°
Wattage	22W/bulb
lumens	2200lm/bulb



Product Parameters

Model	L2 Series
Lamps	2PCS-3570
Voltage	2.25V
Lighting angle	360°
Wattage	25W/bulb
lumens	2500lm/bulb



Product Parameters

Model	L5 Series
Lamps	2PCS-3570
Voltage	2.16V
Lighting angle	360°
Wattage	26W/bulb
lumens	2600lm/bulb



Model	V63	Model	V61	Model	K40
Power	65W/bulb	Power	60W/bulb	Power	40W/bulb
Lumen	6500LM/bulb	Lumen	6000LM/bulb	Lumen	4000LM/bulb
SIZE	35*78MM	SIZE	27.7*81MM	SIZE	35*82MM



Model	V43	Model	K3	Model	K2
Power	40W/bulb	Power	30W/bulb	Power	28W/bulb
Lumen	4000LM/bulb	Lumen	3000LM/bulb	Lumen	2800LM/bulb
SIZE	34*80MM	SIZE	30*75MM	SIZE	32*74MM

● 30SMD-3030



Product Parameters

■ Led chip

3030

■ Material

Aluminum

■ Led quantity

30SMD

■ Voltage

12-24V

■ Color

White/yellow

 1YEAR
Warranty

 IP68
Waterproof

● 3570-2SMD



Product Parameters

■ Led chip

3570

■ Material

Aluminum

■ Led quantity

2SMD

■ Voltage

12-24V

■ Color

White

 1YEAR
Warranty

 IP68
Waterproof

● T10-3030 6SMD



Product Parameters

■ Led chip

3030

■ Material

Plastic

■ Led quantity

6SMD

■ Voltage

12-24V

■ Color

White/blue/
red/yellow

● R/F 8SMD



Product Parameters

■ Led chip

3030

■ Material

Aluminum

■ Led quantity

8SMD

■ Voltage

12V

■ Color

White/yellow

Built-in fan,longer life span



Feria Autopartes Medellín
🕒 June, 5-7
📍 Colombia

APVE 2024
🕒 June, 5-7
📍 Philippines

Latin Auto Parts Expo
🕒 July 31-August 2
📍 Panama

Automechanika Kuala Lumpur
🕒 August, 1-3
📍 Malaysia

MIMS Automechanika Moscow
🕒 August, 19-22
📍 Russia

Automechanika Istanbul
🕒 May, 23-26
📍 Türkiye

Expomecánica Perú
🕒 May, 17-19
📍 Perú

INAPA 2024
🕒 May, 15-17
📍 Indonesia

SEMA 2024
🕒 November, 5-8
📍 USA

PAPS 2024
🕒 October, 25-27
📍 Pakistan

Automechanika Frankfurt
🕒 September, 10 -14
📍 Germany

136th Canton Fair
🕒 October, 15-19
📍 China

CONPEX AT TRADESHOWS 2024

Follow us as we showcase 2024 **automotive aftermarket parts** worldwide!

ACMA Automechanika New Delhi
🕒 February, 1-3
📍 India

IAAE 2024
🕒 March, 5-7
📍 Japan

Automechanika Astana
🕒 April, 17-19
📍 Republic of Kazakhstan

135th Canton Fair
🕒 April, 15-19
📍 China

AAPEX 2024
🕒 November, 5-7
📍 USA

Automechanika Shanghai
🕒 December, 2-5
📍 China

Automechanika Dubai
🕒 December, 10-12
📍 United Arab Emirates