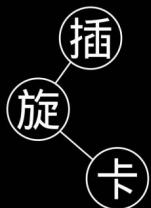


## Product Brochure



Light panel card type traffic light

Changing a lamp is **like changing a light bulb**



### 安装方便

- 前所未见，安装简单。灯盘插卡式交通信号灯，采用安全防水对接线，一插搞定，大大提升作业效率
- 灯盘更换简单，换灯盘像换灯泡。零经验人员一旋即可
- 遮沿设计灵活，一卡完成安装



### 灯盘到壳体一插搞定

安全防水插头，同色对应，螺纹加固，双重防护，防水等级：IP65



### 换灯 就像换灯泡

多种选择，无需经验一旋即可，  
组装维修同样方便



### 卡口式遮沿

卡口式柔韧遮沿，不生锈不氧化  
卡口对位，四声锁紧，安装方便



Light panel plug-in traffic light smart station

is unprecedented and easy to install



维护费用节省



安装周期节省5倍



低碳环保



无工具组装



一体装饰边



极速维修

Compared with traditional signal lights

Reduced wind load

39%

Weight reduction

49%~ 65%

Light panel card type traffic light

Lighter weight reduces

the pressure on the lamp pole

and is a good partner for smart lamp poles

Low wind load,

safer against typhoons

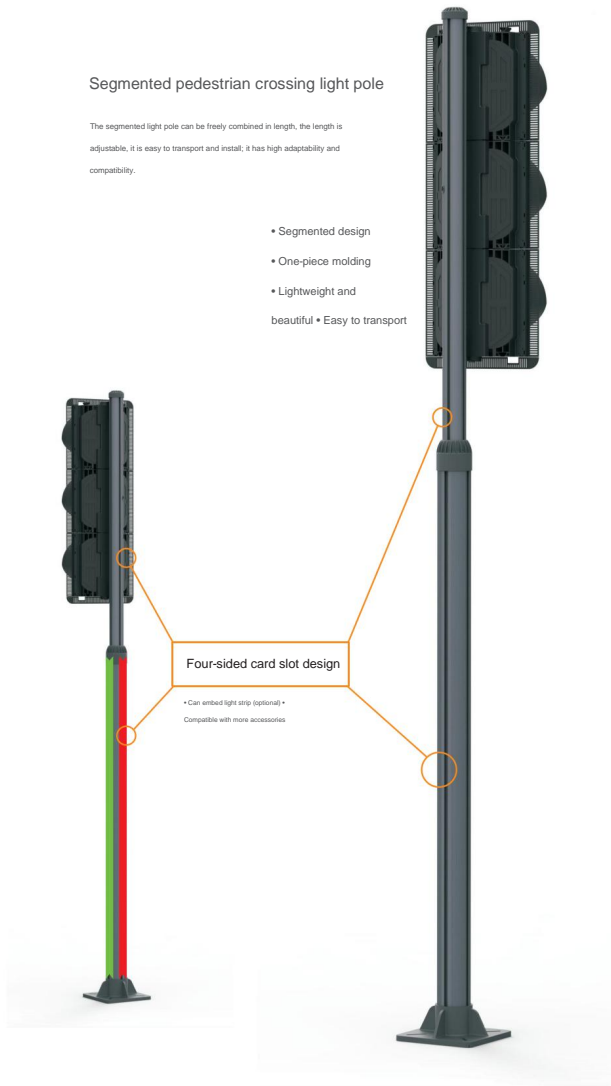
The third-generation light panel plug-in road traffic signal light adopts a circular design, which uses relatively less materials, is energy-efficient, and has lower carbon emissions.



## Segmented pedestrian crossing light pole

The segmented light pole can be freely combined in length, the length is adjustable, it is easy to transport and install, it has high adaptability and compatibility.

- Segmented design
- One-piece molding
- Lightweight and beautiful • Easy to transport



Segmented light pole



Segmented light pole

•The telescopic design greatly reduces the transportation and storage space. •The material is aluminum alloy profile, which greatly reduces the weight and is easy to transport and install. •The light pole adopts a unique design, and signal lights and other equipment can be installed on all four sides. •The light pole is designed with a light bar installation slot, which can realize the light pole lighting and enhance the warning effect.

project	Technical Parameters
Light strip wavelength:	red (620-625nm); green (515-520nm);
Light bar voltage	24V
Light bar power	100W
Waterproof grade	IP67
Light bar working temperature	-20℃~70℃
Product Height	5500mm
Large diameter profile height	5000mm
Small diameter profile height	1000mm
Overlap height of large and small pipes:	500mm
Light pole weight	27.5kg
Product outer diameter upper:	81mm lower: 116mm
Material	Aluminum Profile
Surface color:	gray RAL7015
Flange size	350mmx350mm
Flange Material	Sheet Metal
Flange mass	13.85kg

Segmented light pole

## Light panel card type traffic light



### Signal light product features:

The signal light consists of three light panels: red, yellow and green. The light panel and the housing are connected by plug-in card. The housing is black. The product has passed the inspection of the Traffic Safety Product

Quality Supervision and Inspection Center of the Ministry of Public Security and complies with the People's Republic of China Standard GB14887-2011.

§ Transparent PC mask, high light transmittance, flame retardant, UV protection § Dimming function,

customizable

§ Beautiful appearance, energy saving and environmental protection

§ Lamp panel plug-in installation, tool-free maintenance on site

§ Hydrophobic surface design facilitates rapid drainage of rainwater

§ Using imported chips, ultra-high brightness, ultra-low light decay, using heat sink technology, long life and stable performance

# JD100-3-AP / JD200-3-AP

Red/Yellow/Green Circle Traffic Lights

Body parameters		
Product Series	JD100-3-AP	JD200-3-AP
Lighting unit	100 type (φ100mm) 200 type (φ200mm)	
Pattern combination	red circle + yellow circle + green circle	
Shell material	engineering plastic	
Specifications		
Product weight:	1.25kg	3.3kg
Packing weight	4.3kg	10kg
Packing quantity	2 pieces	
Dimensions:	495×185×100mm	855×320×105mm
Packing size:	575×270×240mm	920×300×370mm
LED chip	imported chip	
LED center wavelength	red 625nm; yellow 590nm; green 505nm	
LED light angle	30°	
Electrical parameters		
Power supply type	Constant current power supply	
Working voltage	AC 176V~264V	
Power of a single light emitting unit	<5W	<8W
Power factor	>0.85	
Working frequency	48Hz~52Hz	
Start-up instantaneous current	<2A	
Startup response time	<100ms	
Close Response Time	<100ms	
Other parameters		
Insulation resistance	≥500MΩ	
Dielectric strength withstand voltage	1440VAC	
Leakage current	≤0.5mA	
Ground resistance	≤0.5Ω	
Working temperature	-40℃~80℃	
Protection level	IP53	
Service life	≥50000h	
Anti-vibration performance	meets the requirements	
Wind pressure resistance	meets the requirements	
Implementation standard	GB 14887-2011 "Road Traffic Lights"	



Red/Yellow/Green Circle Traffic Lights

JD100-3-AP

JD200-3-AP

National Standards

Traffic lights

GB 14887-2011

Group Standard

Light panel card type road traffic signal light

T/SCJA 3-2019

# JD300-3-EP / JD300-3-EL

Type 300 motor signal light (red circle + yellow circle + green circle)

Light panel card type traffic light

Body parameters		
Product	JD300-3-EP	JD300-3-EL
Series Lighting Unit 300	Type (γ300mm)	
Pattern combination	Red circle + yellow circle + green circle	
Shell material engineering plastic		Die-cast aluminum
Specifications		
Product weight is about 5.7kg, packaging	About 8.5kg	
weight is about 19kg	About 24.5kg	
Packing quantity 2 pieces		
Dimensions	1107×391×150mm	
Packing size: 1155×430×310mm		
LED Chips	Imported chips	
LED center wavelength red 625nm; yellow 590nm; green 505nm		
LED light angle 30°		
Electrical parameters		
Power supply type Constant current power supply		
Operating voltage	AC 176V~264V	
Power of a single light emitting unit <15W		
Power Factor	γ0.90	
Working frequency 48Hz~52Hz		
Start-up instantaneous current <2A		
Startup response time <100ms Shutdown		
response time <100ms		
Other parameters		
Insulation resistance γ500Mγ		
Dielectric strength withstand voltage 1440VAC		
Leakage current γ 0.5mA		
Ground resistance	γ0.5γ	
Operating temperature	-40γ~80γ	
Protection level	IP55	
Service life>50000h		
Anti-vibration performance meets the requirements		
Wind pressure resistance meets the requirements		
Implementation standard	GB 14887-2011 "Road Traffic Lights"	



Type 300 motor signal light

(red circle + yellow circle + green circle)

JD300-3-EP

JD300-3-EL

National Standards

Traffic lights

GB 14887-2011

Group Standard

Light panel card type road traffic signal light

T/SCJA 3-2019

Product model: JD300-3-AP

JD400-3-EP / JD400-3-EL

Type 400 motor signal light (red circle + yellow circle + green circle)

Light panel card type traffic light

Body parameters		
Product range	JD400-3-EP	JD400-3-EL
Light emitting unit	Type 400 (φ400mm)	
Pattern combination	Red circle + yellow circle + green circle	
Case material	Engineering Plastics	Die-cast aluminum
Specifications		
Product Weight	About 9kg	About 12kg
Packing weight	About 27kg	About 34.2kg
Packing quantity	2 Pack	
Dimensions	1434x497x160mm	
Packing size	1500x535x315mm	
LED Chips	Imported chips	
LED center wavelength	red 625nm; yellow 590nm; green 505nm	
LED light angle 30°		
Electrical parameters		
Power supply type	Constant current power supply	
Operating voltage	AC 176V-264V	
Power of a single light unit <20W		
Power Factor	γ0.90	
Operating frequency	48Hz-52Hz	
Start-up instantaneous current <2A		
Startup response time <100ms		
Close response time <100ms		
Other parameters		
Insulation resistance	γ500Mγ	
Dielectric strength	Withstand voltage 1440V/AC	
Leakage Current	γ0.5mA	
Ground resistance	γ0.5γ	
Operating temperature	-40γ-80γ	
Protection level	IP55	
Service life>50000h		
Anti-vibration performance	meets the requirements	
Wind pressure resistance	meets the requirements	
Implementation Standards	GB 14887-2011 Road Traffic Signal Lights	



Type 400 motor signal light  
(red circle + yellow circle + green circle)

JD400-3-EP

JD400-3-EL

National Standards

Traffic lights

GB 14887-2011

Group Standard

Light panel card type road traffic signal light

T/SCJA 3-2019

Product model: JD400-3-KV

# JD400-3-06EP

Light panel card type traffic light

Type 400 motor signal light (red circle + yellow circle with double-position communication dot matrix countdown + green circle)

Body parameters	
Product range	JD400-3-06EP
Light emitting unit	Type 400 (φ400mm)
Pattern combination	Red circle + yellow circle 2-digit countdown + green circle
Case material	Engineering Plastics
Specifications	
Product Weight	About 9kg
Packing weight	About 27kg
Packing quantity	2 Pack
Dimensions	1434×497×160mm
Packing size	1500×535×315mm
LED Chips	Imported chips
LED center wavelength	red 625nm; yellow 590nm; green 505nm
LED light angle 30°	
Electrical parameters	
Power supply type	Constant current power supply
Operating voltage	AC 176V~264V
Power of a single light unit	<20W
Power Factor	γ0.90
Operating frequency	48Hz~52Hz
Start-up instantaneous current	<2A
Startup response time	<100ms
Close response time	<100ms
Other parameters	
Insulation resistance	γ500Mγ
Dielectric strength	Withstand voltage 1440V/AC
Leakage Current	γ0.5mA
Ground resistance	γ0.5γ
Operating temperature	-40γ~80γ
Protection level	IP55
Service life	≥50000h
Anti-vibration performance	meets the requirements
Wind pressure resistance	meets the requirements
Implementation Standards	GB 14887-2011 Road Traffic Signal Lights



Type 400 motor signal light

(Red circle + yellow circle including double communication dot matrix countdown + green circle)

## JD400-3-06EP

National Standards

Traffic lights  
GB 14887-2011

Group Standard

Light panel card type road traffic signal light  
T/SCJA 3-2019

JD300-3-AP / JD400-3-AP

Motor vehicle signal light (red circle + yellow circle + green circle)

Body parameters		
Product Series	JD300-3-AP	JD400-3-AP
Lighting unit	300 type (φ300mm)	400 type (φ400mm)
Pattern combination red circle + yellow circle + green circle		
Shell material engineering plastic		
Specifications		
Product weight	7.2kg Package	11.5kg
weight	22kg Package	quantity 33.5kg
2 pieces		
Dimensions	1190×450×145mm 1570×590×156mm	
Packing size	1230×340×490mm 1620×386×650mm	
LED chip imported chip		
LED center wavelength red 625nm; yellow 590nm; green 505nm		
LED light angle 30°		
Electrical parameters		
Power supply type	Constant current power supply	
Working voltage	AC 176V~264V	
Power of a single light emitting unit	<15W	<20W
Power factor>0.85		
Working frequency 48Hz~52Hz		
Start-up instantaneous current <2A		
Startup response time <100ms		
Close Response Time		
<100msOther parameters		
Insulation resistance ≥500MΩ		
Dielectric strength withstand voltage 1440VAC		
Leakage current ≤0.5mA		
Ground resistance ≤0.5Ω		
Working temperature -40℃~80℃		
Protection level IP53		
Service life>50000h		
Anti-vibration performance meets the requirements		
Wind pressure resistance meets the requirements		
Implementation standard GB 14887-2011 "Road Traffic Lights"		

Light panel card type traffic light



Motor vehicle signal lights

(Red circle + yellow circle + green circle)

JD300-3-AP

JD400-3-AP

National Standards

Traffic lights

GB 14887-2011

Group Standard

Light panel card type road traffic signal light

T/SCJA 3-2019

# JD400-3-06AP

Type 400 motor signal light (red circle + yellow circle with double-position communication dot matrix countdown + green circle)

Light panel card type traffic light

Body parameters	
Product Series	JD400-3-06AP
Lighting Unit 400 Type (ø400mm)	
Pattern combination red circle + yellow circle 2-digit countdown + green circle	
Shell material engineering plastic	
Countdown dot matrix 16x16 dots	
Countdown communication features: The signal machine sends communication data, and the countdown is displayed when the power is turned on.	
Countdown working mode follow or RS485 communication	
The maximum displayed number of the countdown is 99 (above 99, the screen will go black)	
Specifications	
Product weight	Approx. 11.5kg
Packaging weight	Approx. 33.5kg
Packaging quantity	2 pieces
Overall dimensions	1570x590x156mm
Packaging dimensions	1620x386x650mm
LED Chips	Imported chips
LED center wavelength	Red 625nm; Yellow 590nm; Green 505nm
LED light angle	30°
Electrical parameters	
Power Type	Constant current power supply
Operating Voltage	AC 176V~264V
Power of a single light unit <20W	
Power factor	>0.85
Operating	48Hz~52Hz
frequency Start-up instantaneous current	
<2A Start-up response time <100ms	
Close response time <100ms	
Other parameters	
Insulation	≥500MΩ
resistance	Withstand voltage 1440VAC
Dielectric strength Leakage current	≤0.5mA
Grounding	≤0.5Ω
resistance working	-40℃~80℃
temperature protection level	IP53
Service life and	>50000h
vibration resistance	Meet the requirements
Wind pressure resistance	Meet the requirements
Implementation Standards	GB 14887-2011 Road Traffic Signal Lights



Type 400 motor signal light

(Red circle + yellow circle including double communication dot matrix countdown + green circle)

## JD400-3-06AP

National Standards

Traffic lights  
GB 14887-2011

Group Standard

Light panel card type road traffic signal light  
T/SCJA 3-2019

JD300-3-CP / JD300-3-CL  
JD300-3-DP / JD300-3-DL

Type 300 motor signal light (red circle + yellow circle + green circle)

Body parameters				
Product Series	JD300-3-CP	JD300-3-CL	JD300-3-DP	JD300-3-DL
Light emitting unit	Type 300 (φ300mm)			
Pattern combination	Red circle + yellow circle + green circle			
Case material	Engineering plastic	die-casting aluminum	Engineering plastic	die-casting aluminum
Specifications				
Product Weight	About 5.4kg	About 8.2kg	About 5.4kg	About 8.2kg
Packing weight	About 18.3kg	About 24kg	About 18.3kg	About 24kg
Packing quantity	2 Pack			
Dimensions	1105×385×150mm			
Packing size	1155×430×310mm			
LED Chips	Imported chips			
LED center wavelength	red 625nm; yellow 590nm; green 505nm			
LED light angle 30°				
Electrical parameters				
Power supply type	Constant current power supply			
Operating voltage	AC 176V~264V			
Power of a single light emitting unit	<15W			
Power Factor	>0.85			
Operating frequency	48Hz~52Hz			
Start-up instantaneous current	<2A			
Startup response time <100ms				
Close response time <100ms				
Other parameters				
Insulation resistance	≥500MΩ			
Dielectric strength	Withstand voltage 1440VAC			
Leakage Current	≤0.5mA			
Ground resistance	≤0.5Ω			
Operating temperature	-40y~80y			
Protection level	IP55			
Service life	≥50000h			
Anti-vibration performance	meets the requirements			
Wind pressure resistance	meets the requirements			
Implementation Standards	GB 14887-2011 Road Traffic Signal Lights			

Light panel card type traffic light



Type 300 motor signal light

(red circle + yellow circle + green circle)

JD300-3-CP  
JD300-3-CL

JD300-3-DP  
JD300-3-DL

National Standards

Traffic lights

GB 14887-2011

Group Standard

Light panel card type road traffic signal light

T/SCJA 3-2019

Product model: JD300-3-AP

JD400-3-CP / JD400-3-CL  
JD400-3-DP / JD400-3-DL

Type 400 motor signal light (red circle + yellow circle + green circle)

Body parameters				
Product Series:JD400-3-CP		JD400-3-CL	JD400-3-DP	JD400-3-DL
Light emitting unit	Type 400 (φ400mm)			
Pattern combination	Red circle + yellow circle + green circle			
Case material	Engineering plastic die-casting aluminum		Engineering plastic die-casting aluminum	
Specifications				
Product Weight	About 8.5kg	About 11.5kg	About 8.5kg	About 11.5kg
Packing weight	About 26kg	About 33.5kg	About 26kg	About 33.5kg
Packing quantity	2 Pack			
Dimensions	1440×490×160mm			
Packing size	1500×535×315mm			
LED Chips	Imported chips			
LED center wavelength	Red 625nm; Yellow 590nm; Green 505nm			
LED light angle	30°			
Electrical parameters				
Power supply type	Constant current power supply			
Operating voltage	AC 176V~264V			
Power of a single light unit <20W				
Power Factor	>0.85			
Operating frequency	48Hz~52Hz			
Start-up instantaneous current <2A				
Startup response time <100ms				
Close response time <100ms				
Other parameters				
Insulation resistance	≥500MΩ			
Dielectric strength	Withstand voltage 1440VAC			
Leakage Current	≤0.5mA			
Ground resistance	≤0.5Ω			
Operating temperature	-40J~80J			
Protection level	IP55			
Service life	>50000h			
Anti-vibration performance	meets the requirements			
Wind pressure resistance	meets the requirements			
Implementation Standards	GB 14887-2011 Road Traffic Signal Lights			

Light panel card type traffic light



Type 400 motor signal light  
(red circle + yellow circle + green circle)

JD400-3-CP  
JD400-3-CL

JD400-3-DP  
JD400-3-DL

National Standards

Traffic lights

GB 14887-2011

Group Standard

Light panel card type road traffic signal light

T/SCJA 3-2019

Product model: JD400-3-KV

# JD400-3-06DP

Type 400 motor signal light (red circle + yellow circle with double-position communication dot matrix countdown + green circle)

Body parameters	
Product range	JD400-3-06DP
Light emitting unit	Type 400 (ø400mm)
Pattern combination	Red circle + yellow circle 2-digit countdown + green circle
Case material	Engineering Plastics
Specifications	
Product Weight	About 8.5kg
Packing weight	About 26kg
Packing quantity	2 Pack
Dimensions	1440x490x160mm
Packing size	1500x535x315mm
LED Chips	Imported chips
LED center wavelength	Red 625nm; Yellow 590nm; Green 505nm
LED light angle	30°
Electrical parameters	
Power supply type	Constant current power supply
Operating voltage	AC 176V~264V
Power of a single light unit	<20W
Power Factor	>0.85
Operating frequency	48Hz~52Hz
Start-up instantaneous current	<2A
Startup response time	<100ms
Close response time	<100ms
Other parameters	
Insulation resistance	≥500MΩ
Dielectric strength	Withstand voltage 1440VAC
Leakage Current	≤0.5mA
Ground resistance	≤0.5Ω
Operating temperature	-40℃~80℃
Protection level	IP55
Service life	>50000h
Anti-vibration performance	meets the requirements
Wind pressure resistance	meets the requirements
Implementation Standards	GB 14887-2011 Road Traffic Signal Lights

Light panel card type traffic light



Type 400 motor signal light

(Red circle + yellow circle including double communication dot matrix countdown + green circle)

## JD400-3-06DP

National Standards

Traffic lights  
GB 14887-2011

Group Standard

Light panel card type road traffic signal light  
T/SCJA 3-2019

# FX100-3-AP / FX200-3-AP

Red/yellow/green arrow signal lights

Body parameters		
Product range	FX100-3-AP	FX200-3-AP
Light emitting unit	Type 100 (φ100mm)	Type 200 (φ200mm)
Pattern combination	Red Arrow + Yellow Arrow + Green Arrow	
Case material	Engineering Plastics	
Specifications		
Product Weight	1.25kg	3.3kg
Packing weight	4.3kg	10kg
Packing quantity	2 Pack	
Dimensions	495x185x100mm	855x320x105mm
Packing size	575x270x240mm	920x300x370mm
LED Chips	Imported chips	
LED center wavelength	red 625nm; yellow 590nm; green 505nm	
LED light angle 30°		
Electrical parameters		
Power supply type	Constant current power supply	
Operating voltage	AC 176V~264V	
Power of a single light unit	<5W	<8W
Power Factor	>0.85	
Operating frequency	48Hz~52Hz	
Start-up instantaneous current	<2A	
Startup response time	<100ms	
Close response time	<100ms	
Other parameters		
Insulation resistance	≥500MΩ	
Dielectric strength	Withstand voltage 1440VAC	
Leakage Current	≤0.5mA	
Ground resistance	≤0.5Ω	
Operating temperature	-40~80℃	
Protection level	IP53	
Service life	>50000h	
Anti-vibration performance	meets the requirements	
Wind pressure resistance	meets the requirements	
Implementation Standard	GB 14887-2011 Road Traffic Signal Lights	



Red/yellow/green arrow signal lights

FX100-3-AP

FX200-3-AP

National Standards

Traffic lights

GB 14887-2011

Group Standard

Light panel card type road traffic signal light

T/SCJA 3-2019

Product Model: FX100-3-KV / FX200-3-KV

# FX300-3-AP / FX400-3-AP

Direction indicator light (red arrow + yellow arrow + green arrow)

Body parameters		
Product range	FX300-3-AP	FX400-3-AP
Light emitting unit	Type 300 (φ300mm)	Type 400 (φ400mm)
Pattern combination	Red Arrow + Yellow Arrow + Green Arrow	
Case material	Engineering Plastics	
Specifications		
Product Weight	7.2kg	11.5kg
Packing weight	22kg	33.5kg
Packing quantity	2 Pack	
Dimensions	1190×450×145mm	1570×590×156mm
Packing size	1230×340×490mm	1620×386×650mm
LED Chips	Imported chips	
LED center wavelength	Red 625nm; Yellow 590nm; Green 505nm	
LED light angle	30°	
Electrical parameters		
Power supply type	Constant current power supply	
Operating voltage	AC 176V~264V	
Power of a single light unit <12W		<15W
Power Factor	>0.85	
Operating frequency	48Hz~52Hz	
Start-up instantaneous current <2A		
Startup response time <100ms		
Close response time <100ms		
Other parameters		
Insulation resistance	≥500MΩ	
Dielectric strength	Withstand voltage 1440VAC	
Leakage Current	≤0.5mA	
Ground resistance	≤0.5Ω	
Operating temperature	-40~80℃	
Protection level	IP53	
Service life	>50000h	
Vibration resistance	Meet the requirements	
Wind pressure resistance	Meet the requirements	
Implementation Standards	GB 14887-2011 Road Traffic Signal Lights	

Light panel card type traffic light



Direction indicator lights

(Red Arrow + Yellow Arrow + Green Arrow)

FX300-3-AP

FX400-3-AP

National Standards

Traffic lights

GB 14887-2011

Group Standard

(Light panel card type road traffic signal light)

T/SCJA 3-2019

Product Model: FX300-3-AP / FX400-3-AP

# FX300-3-EP / FX300-3-EL

Type 300 direction signal light (red arrow + yellow arrow + green arrow)

Light panel card type traffic light

Body parameters		
Product range	FX300-3-EP	FX300-3-EL
Lighting unit 300 type (y300mm)		
Pattern combination	Red Arrow + Yellow Arrow + Green Arrow	
Shell material engineering plastic		Die-cast aluminum
Specifications		
Product weight is about 5.7kg		About 8.5kg
Package weight: 19kg Package quantity:		About 24.5kg
2 pieces		
Dimensions	1107x391x150mm	
Packing size	1155x430x310mm	
LED Chips	Imported chips	
LED center wavelength red 625nm; yellow 590nm; green 505nm		
LED light angle 30°		
Electrical parameters		
Power supply type Constant current power supply		
Working voltage AC 176V~264V		
Power of a single light unit <12W		
Power Factor	y0.90	
Working frequency 48Hz~52Hz		
Start-up instantaneous current <2A		
Startup response time <100ms		
Close response time <100ms		
Other parameters		
Insulation resistance y500M $\Omega$		
Dielectric strength withstand voltage 1440VAC		
Leakage Current	y0.5mA	
Ground resistance y 0.5y		
Operating temperature	-40y~80y	
Protection level	IP55	
Service life	>50000h	
Anti-vibration performance meets the requirements		
Wind pressure resistance meets the requirements		
Implementation Standards	GB 14887-2011 Road Traffic Signal Lights	



300 type direction signal light

(Red Arrow + Yellow Arrow + Green Arrow)

FX300-3-EP

FX300-3-EL

National Standards

Traffic lights

GB 14887-2011

Group Standard

Light panel card type road traffic signal light

T/SCJA 3-2019

Product model: FX300-3-AP

# FX400-3-EP / FX400-3-EL

Type 400 direction signal light (red arrow + yellow arrow + green arrow)

Light panel card type traffic light

Body parameters		
Product range	FX400-3-EP	FX400-3-EL
Lighting unit 400 type (ø400mm)		
Pattern combination	Red Arrow + Yellow Arrow + Green Arrow	
Case material	Engineering Plastics	Die-cast aluminum
Specifications		
Product Weight	About 9kg	About 12kg
Packing weight	Approx.	About 34.2kg
27kg Packing Quantity 2 pcs		
Dimensions	1434x497x160mm	
Packing size	1500x535x315mm	
LED Chips	Imported chips	
LED center wavelength red 625nm; yellow 590nm; green 505nm		
LED light angle 30°		
Electrical parameters		
Power supply type	Constant current power supply	
Operating voltage	AC 176V~264V	
Power of a single light emitting unit <15W		
Power Factor	γ0.90	
Working frequency	48Hz~52Hz	
Start-up instantaneous current	<2A	
Startup response time	<100ms	
Close response time	<100ms	
Other parameters		
Insulation resistance	γ500Mγ	
Dielectric strength	Withstand voltage 1440VAC	
Leakage Current	γ0.5mA	
Ground resistance	γ0.5γ	
Working temperature	-40γ~80γ	
Protection level	IP55	
Service life	>50000h	
Anti-vibration performance meets the requirements		
Wind pressure resistance meets the requirements		
Implementation Standards	GB 14887-2011 Road Traffic Signal Lights	



400 type direction signal light

(Red Arrow + Yellow Arrow + Green Arrow)

FX400-3-EP

FX400-3-EL

National Standards

Traffic lights

GB 14887-2011

Group Standard

Light panel card type road traffic signal light

T/SCJA 3-2019

Product model: FX400-3-KV

# FX300-3-CP / FX300-3-CL FX300-3-DP / FX300-3-DL

Type 300 direction signal light (red arrow + yellow arrow + green arrow)

Body parameters				
Product Series	FX300-3-CP	FX300-3-CL	FX300-3-DL	
Light emitting unit	Type 300 (300mm)			
Pattern combination	Red Arrow + Yellow Arrow + Green Arrow			
Housing Material	Engineering Plastic	Die-cast Aluminum	Engineering Plastic	Die-cast Aluminum
Specifications				
Product Weight	About 5.4kg	About 8.2kg	About 5.4kg	About 8.2kg
Packing weight	About 18.3kg	About 24kg	About 18.3kg	About 24kg
Packing quantity	2 Pack			
Dimensions	1105x385x150mm			
Packing size	1155x430x310mm			
LED Chips	Imported chips			
LED center wavelength	red 625nm; yellow 590nm; green 505nm			
LED light angle	30°			
Electrical parameters				
Power supply type	Constant current power supply			
Working voltage	AC 176V~264V			
Power of a single light unit	<12W			
Power Factor	>0.85			
Operating frequency	48Hz~52Hz			
Start-up instantaneous current	<2A			
Startup response time	<100ms			
Close response time	<100ms			
Other parameters				
Insulation resistance	≥500MΩ			
Dielectric strength	Withstand voltage 1440VAC			
Leakage Current	≤0.5mA			
Ground resistance	≤0.5Ω			
Operating temperature	-40~-80℃			
Protection level	IP55			
Service life	≥50000h			
Anti-vibration performance	meets the requirements			
Wind pressure resistance	meets the requirements			
Implementation Standard	GB 14887-2011 Road Traffic Signal Lights			

Light panel card type traffic light



300 type direction signal light

(Red Arrow + Yellow Arrow + Green Arrow)

FX300-3-CP  
FX300-3-CL

FX300-3-DP  
FX300-3-DL

National Standards

Traffic lights

GB 14887-2011

Group Standard

(Light panel card type road traffic signal light)

T/SCJA 3-2019

Product model: FX300-3-AP

**FX400-3-CP / FX400-3-CL**  
**FX400-3-DP / FX400-3-DL**

Type 400 direction signal light (red arrow + yellow arrow + green arrow)

Light panel card type traffic light

Body parameters				
Product SeriesFX400-3-CPFX400-3-CLFX400-3-DPFX400-3-DL				
Light emitting unit	Type 400 (ø400mm)			
Pattern combination red arrow + yellow arrow + green arrow				
Case material	Engineering plastic	die-casting aluminum	Engineering plastic	die-casting aluminum
Specifications				
Product Weight	About 8.5kg	About 11.5kg	About 8.5kg	About 11.5kg
Packing weight	About 26kg	About 33.5kg	About 26kg	About 33.5kg
Packing quantity	2 pieces			
Dimensions	1440x490x160mm			
Packing size	1500x535x315mm			
LED Chips	Imported chips			
LED center wavelength red 625nm; yellow 590nm; green 505nm				
LED light angle 30°				
Electrical parameters				
Power supply type	Constant current power supply			
Working voltage AC 176V~264V				
Power of a single light emitting unit <15W				
Power Factor	>0.85			
Operating frequency	48Hz~52Hz			
Start-up instantaneous current <2A				
Startup response time <100ms				
Close response time <100ms				
Other parameters				
Insulation resistance	≥500MΩ			
Dielectric strength	Withstand voltage 1440VAC			
Leakage current	≤ 0.5mA			
Ground resistance	≤ 0.5Ω			
Operating temperature	-40y~80y			
Protection level	IP55			
Service life>50000h				
Anti-vibration performance meets the requirements				
Wind pressure resistance meets the requirements				
Implementation Standards	GB 14887-2011 Road Traffic Signal Lights			



400 type direction signal light

(Red Arrow + Yellow Arrow + Green Arrow)

**FX400-3-CP**  
**FX400-3-CL**

**FX400-3-DP**  
**FX400-3-DL**

National Standards

Traffic lights

**GB 14887-2011**

Group Standard

(Light panel card type road traffic signal light)

**T/SCJA 3-2019**

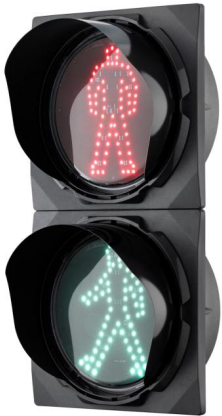
Product model: FX400-3-KV

# RX300-3-EP / RX300-3-EL

Type 300 pedestrian signal light (red man + static green man)

Light panel card type traffic light

Body parameters		
Product range	RX300-3-EP	RX300-3-EL
Lighting unit 300 type (y300mm)		
Pattern combination	Red Man + Static Green Man	
Shell material engineering plastic		Die-cast aluminum
Specifications		
Product weight is about 3.9kg Package		About 5.7kg
weight is about 12kg Package quantity		About 15.8kg
is 2 pieces		
Dimensions: 738x391x150mm		
Packing size	850x395x310mm	
LED Chips	Imported chips	
LED center wavelength red 625nm; yellow 590nm; green 505nm		
LED light angle 30°		
Electrical parameters		
Power supply type Constant current power supply		
Operating voltage	AC 176V~264V	
Power of a single light unit <12W		
Power factor γ 0.90		
Operating frequency	48Hz~52Hz	
Startup instantaneous current <2A		
Startup response time <100ms		
Close response time <100ms		
Other parameters		
Insulation resistance γ500Mγ		
Dielectric strength withstand voltage 1440VAC		
Leakage current γ 0.5mA		
Ground resistance γ 0.5γ		
Operating temperature	-40γ~80γ	
Protection level	IP55	
Service life>50000h		
Anti-vibration performance meets the requirements		
Wind pressure resistance meets the requirements		
Implementation Standards	GB 14887-2011 Road Traffic Signal Lights	



300 type pedestrian signal light  
(Red Man + Static Green Man)

## RX300-3-EP RX300-3-EL

National Standards

Traffic lights  
GB 14887-2011

Group Standard

Light panel card type road traffic signal light  
T/SCJA 3-2019

# RX100-3-AP / RX200-3-AP

Red man/static green man signal light

Body parameters		
Product range	RX100-3-AP	RX200-3-AP
Light emitting unit	Type 100 (Y100mm)	Type 200 (Y200mm)
Pattern combination	Red Man + Static Green Man	
Case material	Engineering Plastics	
Specifications		
Product Weight	0.85kg	2.2kg
Packing weight	3.4kg	6.8kg
Packing quantity	2 Pack	
Dimensions	340x185x100mm	585x320x105mm
Packing size	575x270x240mm	650x300x370mm
LED Chips	Imported chips	
LED center wavelength	Red 625nm; Green 505nm	
LED light angle	30°	
Electrical parameters		
Power supply type	Constant current power supply	
Operating voltage	AC 176V~264V	
Power of a single light unit	<5W	<8W
Power Factor	>0.85	
Operating frequency	48Hz~52Hz	
Start-up instantaneous current	<2A	
Startup response time	<100ms	
Close response time	<100ms	
Other parameters		
Insulation resistance	≥500MΩ	
Dielectric strength	Withstand voltage 1440VAC	
Leakage Current	≤0.5mA	
Ground resistance	≤0.5Ω	
Operating temperature	-40℃~80℃	
Protection level	IP53	
Service life	>50000h	
Anti-vibration performance	meets the requirements	
Wind pressure resistance	meets the requirements	
Implementation Standards	GB 14887-2011 Road Traffic Signal Lights	



Red man/static green man signal light

RX100-3-AP

RX200-3-AP

National Standards

Traffic lights

GB 14887-2011

Group Standard

Light panel card type road traffic signal light

T/SCJA 3-2019

RX300-3-CP / RX300-3-CL  
RX300-3-DP / RX300-3-DL

Type 300 pedestrian signal light (red man + static green man)

Light panel card type traffic light

Body parameters				
Product SeriesRX300-3-CP	RX300-3-CL	RX300-3-DP	RX300-3-DL	
Light emitting unit	Type 300 (φ300mm)			
Pattern combination	Red Man + Static Green Man			
Case material	Engineering plastic		die-casting aluminum	Engineering plastic
die-casting aluminum				
Specifications				
Product Weight	About 3.7kg	About 5.5kg	About 3.7kg	About 5.5kg
Packing weight	About 11.5kg	About 15.4kg	About 11.5kg	About 15.4kg
Packing quantity	2 Pack			
Dimensions	736x385x150mm			
Packing size	850x390x310mm			
LED Chips	Imported chips			
LED center wavelength	red 625nm; green 505nm			
LED light angle 30°				
Electrical parameters				
Power supply type	Constant current power supply			
Operating voltage	AC 176V~264V			
Power of a single light unit <12W				
Power Factor	>0.85			
Operating frequency	48Hz~52Hz			
Start-up instantaneous current	<2A			
Startup response time <100ms				
Close response time <100ms				
Other parameters				
Insulation resistance	≥500MΩ			
Dielectric strength	Withstand voltage 1440V/AC			
Leakage Current	≤0.5mA			
Ground resistance	≤0.5Ω			
Operating temperature	-40~+80℃			
Protection level	IP55			
Service life	>50000h			
Anti-vibration performance	meets the requirements			
Wind pressure resistance	meets the requirements			
Implementation Standards	GB 14887-2011 Road Traffic Signal Lights			



300 type pedestrian signal light  
(Red Man + Static Green Man)

RX300-3-CP      RX300-3-DP  
RX300-3-CL      RX300-3-DL

National Standards

Traffic lights

GB 14887-2011

Group Standard

Light panel card type road traffic signal light

T/SCJA 3-2019

Product model: RX300-3-KV

# RX303-3-08CP / RX303-3-08CL

# RX303-3-08DP / RX303-3-08DL

Type 300 pedestrian signal light (red man + static green man + two-digit follow-up two-color pen segment countdown)

Light panel card type traffic light

Body parameters				
Product SeriesRX303-3-08CP RX303-3-08CP RX303-3-08DP RX303-3-08DP				
Light emitting unit	Type 300 (y300mm)			
Pattern combination	Red man + static green man + 2-digit pen segment countdown			
Case material	Engineering plastic die-casting aluminum		Engineering Plastics	Die-cast aluminum
Countdown timer: 14 segments				
Countdown working mode Follow mode				
Countdown learning cycle y 2				
Specifications				
Product Weight	Approx.	About 7.5kg	About 5.4kg	About 7.5kg
Packing weight	5.4kg Approx.	About 22.5kg	About 18.3kg	About 22.5kg
Packing quantity	18.3kg 2 pieces			
Dimensions	1105x385x150mm			
Packing size	1155x430x310mm			
LED Chips	Imported chips			
LED center wavelength	red 625nm; yellow 590nm; green 505nm			
LED light angle 30°				
Electrical parameters				
Power supply type	Constant current power supply			
Operating voltage	AC 176V-264V			
Power of a single light unit <12W				
Power Factor	>0.85			
Operating frequency	48Hz-52Hz			
Startup instantaneous current	<2A Startup			
response time <100ms				
Close response time <100ms				
Other parameters				
Insulation resistance	y500MΩ			
Dielectric strength	Withstand voltage 1440VAC			
Leakage Current	y0.5mA			
Ground resistance	y0.5y			
Operating temperature	-40y-80y			
Protection level	IP53			
Service life	>50000h			
Anti-vibration performance meets the requirements				
Wind pressure resistance meets the requirements				
Implementation Standards	GB 14887-2011 Road Traffic Signal Lights			



300 type pedestrian signal light

(Red man + static green man + two-digit follow-up two-color pen segment countdown)

RX303-3-08CP RX303-3-08DP

RX303-3-08CL RX303-3-08DL

National Standards

Traffic lights

GB 14887-2011

Group Standard

Light panel card type road traffic signal light

T/SCJA 3-2019

Product model: RX303-3-KV

# RX300-3-AP

Pedestrian crossing signal lights

300 type red man/static green man

Light panel card type traffic light

Body parameters	
Product range	RX300-3-AP
Light emitting unit	Type 300 (φ300mm)
Pattern combination	Red Man + Static Green Man
Case material	Engineering Plastics
Specifications	
Product Weight	4.8kg
Packing weight	14kg 2
Packing quantity	packs
Dimensions	820x450x145mm
Packing size	860x340x490mm
LED Chips	Imported chips
LED center wavelength	Red 625nm; Green 505nm
LED light angle	30°
Electrical parameters	
Power supply type	Constant current power supply
Operating voltage	AC 176V~264V
Power of a single light unit	<12W
Power Factor	>0.85
Operating frequency	48Hz~52Hz
Start-up instantaneous current	<2A
Startup response time	<100ms
Close response time	<100ms
Other parameters	
Insulation resistance	≥500MΩ
Dielectric strength	Withstand voltage 1440VAC
Leakage Current	≤0.5mA
Ground resistance	≤0.5Ω
Working	-40~-80℃
temperature protection level	IP53
Service life and	>50000h
anti-vibration performance	meets the requirements
Wind pressure resistance	meets the requirements
Implementation Standards	GB 14887-2011 Road Traffic Signal Lights



Pedestrian crossing signal lights

300 type red man/static green man

## RX300-3-AP

National Standards

Traffic lights

GB 14887-2011

Group Standard

Light panel card type road traffic signal light

T/SCJA 3-2019

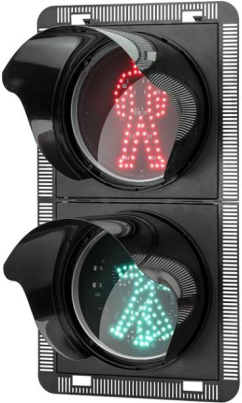
Product model: RX300-3-KV

# RX302-3-01P

Light panel card type traffic light

300 type red man/dynamic green man signal light

Body parameters	
Product Series	RX302-3-01P
Lighting Unit	Type 300 (y300mm)
Pattern combination	Red Man + Dynamic Green Man
Case material	Engineering Plastics
Specifications	
Product Weight	4.8kg
Packing weight	14kg 2
Packing	pack
quantity	820x450x145mm
Dimensions Packing size	860x340x490mm
LED Chips	Imported chips
LED center wavelength	Red 625nm; Green 505nm
LED light angle	30°
Electrical parameters	
Power supply type	Constant current power supply
Working	AC 175V~264V
voltage Single light unit power	<12W
Power Factor	>0.85
Operating frequency	48Hz~52Hz
Start-up instantaneous current	<2A
Startup response time <100ms Shutdown response	
time <100ms	
Other parameters	
Insulation	γ500Mγ
resistance	Withstand voltage 1440VAC
Dielectric strength Leakage current	γ0.5mA
Ground resistance	γ0.5γ
Working	-40γ-80γ
temperature	IP53
protection level	>50000h
service life anti-vibration performance meets the requirements	
Wind pressure resistance meets the requirements	
Implementation Standards	GB 14887-2011 Road Traffic Signal Lights



300 type red man/dynamic green man signal light

## RX302-3-01P

National Standards

Traffic lights  
GB 14887-2011

Group Standard

Light panel card type road traffic signal light  
T/SCJA 3-2019

Product model: RX300-3-KV

# FJ300-3-EP / FJ300-3-EL

Type 300 non-motor vehicle signal light (red car + yellow car + green car)

Light panel card type traffic light

Body parameters		
Product range	FJ300-3-EP	FJ300-3-EL
Lighting unit 300 type (330mm)		
Pattern combination	Red car + yellow car + green car	
Shell material engineering plastic	Die-cast aluminum	
Specifications		
Product weight is about 5.7kg	About 8.5kg	
Packing weight about 19kg	About 24.5kg	
Packing quantity 2 pieces		
Dimensions: 1107×391×150mm		
Packing size: 1155×430×110mm		
LED Chips	Imported chips	
LED center wavelength red 625nm; yellow 590nm; green 505nm		
LED light angle 30°		
Electrical parameters		
Power supply type Constant current power supply		
Operating voltage	AC 176V~264V	
Power of a single light emitting unit <15W		
Power factor γ 0.90		
Working frequency 48Hz~52Hz		
Start-up instantaneous current <2A		
Startup response time <100ms		
Close response time <100ms		
Other parameters		
Insulation resistance γ500Mγ		
Dielectric strength withstand voltage 1440VAC		
Leakage Current	γ0.5mA	
Ground resistance	γ0.5γ	
Operating temperature	-40γ~80γ	
Protection level	IP55	
Service life>50000h		
Anti-vibration performance meets the requirements		
Wind pressure resistance meets the requirements		
Implementation standard	GB 14887-2011 "Road Traffic Lights"	



Type 300 non-motor vehicle signal light  
(Red car + yellow car + green car)

FJ300-3-EP

FJ300-3-EL

National Standards	Traffic lights GB 14887-2011
Group Standard	Light panel card type road traffic signal light T/SCJA 3-2019

Product Model: FJ300-3-AP / FJ400-3-AP

# FJ400-3-EP / FJ400-3-EL

Type 400 non-motor vehicle signal light (red car + yellow car + green car)

Light panel card type traffic light

Body parameters		
Product range	FJ400-3-EP	FJ400-3-EL
Lighting unit 400 type (ø400mm)		
Pattern combination red car + yellow car + green car		
Shell material engineering plastic	Die-cast aluminum	
Specifications		
Product weight is about 9kg	About 12kg	
Packing weight about 27kg	About 34.2kg	
Packing quantity 2 pieces		
Dimensions: 1434x497x160mm		
Packing size: 1500x535x315mm		
LED Chips	Imported chips	
LED center wavelength red 625nm; yellow 590nm; green 505nm		
LED light angle 30°		
Electrical parameters		
Power supply type Constant current power supply		
Working voltage AC 176V~264V	Power of a single light emitting unit <15W	
Power factor γ 0.90		
Working frequency 48Hz~52Hz		
Start-up instantaneous current <2A		
Startup response time <100ms		
Close response time <100ms		
Other parameters		
Insulation resistance γ500Mγ		
Dielectric strength withstand voltage 1440VAC		
Leakage current γ 0.5mA		
Ground resistance γ 0.5γ		
Working temperature -40γ~80γ		
Protection grade IP55		
Service life>50000h	Anti-vibration performance meets the requirements	
Wind pressure resistance meets the requirements		
Implementation standard GB 14887-2011 "Road Traffic Lights"		



Type 400 non-motor vehicle signal light  
(Red car + yellow car + green car)

FJ400-3-EP

FJ400-3-EL

National Standards

Traffic lights  
GB 14887-2011

Group Standard

Light panel card type road traffic signal light  
T/SCJA 3-2019

Product Model: FJ300-3-AP / FJ400-3-AP

# FJ300-3-AP / FJ400-3-AP

Non-motor vehicle signal lights (red/yellow/green)

Body parameters		
Product range	FJ300-3-AP	FJ400-3-AP
Light emitting unit	Type 300 (ø300mm)	Type 400 (ø400mm)
Pattern combination	Red car + yellow car + green car	
Case material	Engineering Plastics	
Specifications		
Product Weight	7.2kg	11.5kg
Packing weight	22kg	33.5kg
Packing quantity	2 Pack	
Dimensions	1190x450x145mm	1570x590x156mm
Packing size	1230x340x490mm	1620x386x650mm
LED Chips	Imported chips	
LED center wavelength	Red 625nm; Yellow 590nm; Green 505nm	
LED light angle	30°	
Electrical parameters		
Power supply type	Constant current power supply	
Operating voltage	AC 176V~264V	
Power of a single light unit <12W		<15W
Power Factor	>0.85	
Operating frequency	48Hz~52Hz	
Starting instant current	<2A	
Startup response time	<100ms	
Close Response Time		
<100msOther parameters		
Insulation resistance	≥500MΩ	
Dielectric strength	Withstand voltage 1440VAC	
Leakage Current	≤0.5mA	
Ground resistance	≤0.5Ω	
Operating temperature	-40℃~80℃	
Protection level	IP53	
Service life	>50000h	
Vibration resistance	Meet the requirements	
Wind pressure resistance	Meet the requirements	
Implementation Standards	GB 14887-2011 Road Traffic Signal Lights	



Non-motor vehicle signal lights

(Red car/yellow car/green car)

FJ300-3-AP FJ400-3-AP

National Standards

Traffic lights  
GB 14887-2011

Group Standard

Light panel card type road traffic signal light  
T/SCJA 3-2019

Product Model: FJ300-3-AP / FJ400-3-AP

# FJ300-3-CP / FJ300-3-CL

# FJ300-3-DP / FJ300-3-DL

Light panel card type traffic light

Type 300 non-motor vehicle signal light (red car + yellow car + green car)

Body parameters				
Product Series FJ300-3-CP	FJ300-3-CL	FJ300-3-DP	FJ300-3-DL	Lighting Unit 300 Type (φ300mm)
Pattern combination	Red car + yellow car + green car			
Case material	Engineering plastic	die-casting aluminum	Engineering plastic	die-casting aluminum
Specifications				
Product Weight	About 5.4kg	About 8.2kg	About 5.4kg	About 8.2kg
Packing weight: about 18.3kg		About 24kg	About 18.3kg	About 24kg
Packing quantity	2 Pack			
Dimensions	1105x385x150mm			
Packing size	1155x430x310mm			
LED Chips	Imported chips			
LED center wavelength	red 625nm; yellow 590nm; green 505nm			
LED light angle	30°			
Electrical parameters				
Power supply type	Constant current power supply			
Operating voltage	AC 176V~264V			
Power of a single light unit	<12W			
Power Factor	>0.85			
Operating frequency	48Hz~52Hz			
Start-up instantaneous current	<2A			
Startup response time	<100ms			
Close response time	<100ms			
Other parameters				
Insulation resistance	≥500MΩ			
Dielectric strength	Withstand voltage 1440VAC			
Leakage Current	≤0.5mA			
Ground resistance	≤0.5Ω			
Operating temperature	-40~80℃			
Protection level	IP53			
Service life	>50000h			
Anti-vibration performance	meets the requirements			
Wind pressure resistance	meets the requirements			
Implementation Standards	GB 14887-2011 Road Traffic Signal Lights			



Type 300 non-motor vehicle signal light  
(Red car + yellow car + green car)

FJ300-3-CP  
FJ300-3-CL

FJ300-3-DP  
FJ300-3-DL

National Standards

Traffic lights  
GB 14887-2011

Group Standard

Light panel card type road traffic signal light  
T/SCJA 3-2019

Product Model: FJ300-3-AP / FJ400-3-AP

# FJ400-3-CP / FJ400-3-CL

# FJ400-3-DP / FJ400-3-DL

Type 400 non-motor vehicle signal light (red car + yellow car + green car)

Body parameters				
Product range	FJ400-3-CP FJ400-3-CL FJ400-3-DP FJ400-3-DL			
Light emitting unit	Type 400 (φ400mm)			
Pattern combination	Red car + yellow car + green car			
Housing Material	Engineering Plastic	Die-cast Aluminum	Engineering Plastic	Die-cast Aluminum
Specifications				
Product Weight	About 8.5kg	About 11.5kg	About 8.5kg	About 11.5kg
Packing weight	About 26kg	About 33.5kg	About 26kg	About 33.5kg
Packing quantity	2 Pack			
Dimensions	1440x490x160mm			
Packing size	1500x535x315mm			
LED Chips	Imported chips			
LED center wavelength	red 625nm; yellow 590nm; green 505nm			
LED light angle 30°				
Electrical parameters				
Power supply type	Constant current power supply			
Working	AC 176V~264V			
voltage	Single light unit power <15W			
Power Factor	>0.85			
Working	48Hz~52Hz			
frequency	startup instantaneous current <2A			
Startup response time	<100ms			
Close response time	<100ms			
Other parameters				
Insulation resistance	≥500MΩ			
Dielectric strength	Withstand voltage 1440VAC			
Leakage Current	≤0.5mA			
Ground resistance	≤0.5Ω			
Operating temperature	-40~80℃			
Protection level	IP53			
Service life and	≥50000h			
anti-vibration performance	meets the requirements			
Wind pressure resistance	meets the requirements			
Implementation Standards	GB 14887-2011 Road Traffic Signal Lights			

Light panel card type traffic light



Type 400 non-motor vehicle signal light  
(Red car + yellow car + green car)

FJ400-3-CP  
FJ400-3-CL

FJ400-3-DP  
FJ400-3-DL

National Standards

Traffic lights  
GB 14887-2011

Group Standard

Light panel card type road traffic signal light  
T/SCJA 3-2019

# DT300-3-EP / DT300-3-EL

Type 300 U-turn signal light (red U-turn + yellow U-turn + green U-turn)

Light panel card type traffic light

Body parameters		
Product range	DT300-3-EP	DT300-3-EL
Lighting unit 300 type (ø300mm)		
Pattern combination	Red U-turn + Yellow U-turn + Green U-turn	
Shell material engineering plastic		Die-cast aluminum
Specifications		
Product weight is about 5.7kg		About 8.5kg
Packing weight about 19kg		About 24.5kg
Packing quantity 2 pieces		
Dimensions: 1107×391×150mm		
Packing size: 1155×430×310mm		
LED Chips	Imported chips	
LED center wavelength red 625nm; yellow 590nm; green 505nm		
LED light angle 30°		
Electrical parameters		
Power supply type Constant current power supply		
Operating voltage	AC 176V~264V	
Power of a single light emitting unit <15W		
Power factor ≥ 0.90		
Working frequency 48Hz~52Hz		
Start-up instantaneous current <2A		
Startup response time <100ms		
Close response time <100ms		
Other parameters		
Insulation resistance ≥500MΩ		
Dielectric strength withstand voltage 1440VAC		
Leakage Current	≤0.5mA	
Ground resistance	≤0.5Ω	
Operating temperature	-40℃~80℃	
Protection level	IP55	
Service life>50000h		
Anti-vibration performance meets the requirements		
Wind pressure resistance meets the requirements		
Implementation standard	GB 14887-2011 "Road Traffic Lights"	



Type 300 U-turn signal light

(Red U-turn + Yellow U-turn + Green U-turn)

DT300-3-EP

DT300-3-EL

National Standards	Traffic lights
	GB 14887-2011
Group Standard	Light panel card type road traffic signal light
	T/SCJA 3-2019

Product model: DT300-3-KV / DT400-3-KV

# DT400-3-EP / DT400-3-EL

Type 400 U-turn signal light (red U-turn + yellow U-turn + green U-turn)

Light panel card type traffic light

Body parameters		
Product range	DT400-3-EP	DT400-3-EL
Lighting unit 400 type (φ400mm)		
Pattern combination: red U-turn + yellow U-turn + green U-turn		
Shell material engineering plastic	Die-cast aluminum	
Specifications		
Product weight is about 9kg	About 12kg	
Packing weight about 27kg	About 34.2kg	
Packing quantity 2 pieces		
Dimensions: 1434×497×160mm		
Packing size: 1500×535×315mm		
LED Chips	Imported chips	
LED center wavelength red 625nm; yellow 590nm; green 505nm		
LED light angle 30°		
Electrical parameters		
Power supply type Constant current power supply		
Working voltage AC 176V~264V	Power of a single light emitting unit <15W	
Power factor γ 0.90		
Working frequency 48Hz~52Hz		
Start-up instantaneous current <2A		
Startup response time <100ms		
Close response time <100ms		
Other parameters		
Insulation resistance γ500Mγ		
Dielectric strength withstand voltage 1440VAC		
Leakage current γ 0.5mA		
Ground resistance γ 0.5γ		
Working temperature -40γ~80γ		
Protection grade IP55		
Service life>50000h		
Anti-vibration performance meets the requirements		
Wind pressure resistance meets the requirements		
Implementation standard GB 14887-2011 "Road Traffic Lights"		



400 type U-turn signal light

(Red U-turn + Yellow U-turn + Green U-turn)

DT400-3-EP

DT400-3-EL

National Standards

Traffic lights

GB 14887-2011

Group Standard

Light panel card type road traffic signal light

T/SCJA 3-2019

Product model: DT300-3-KV / DT400-3-KV

# DT300-3-AP / DT400-3-AP

U-turn signal light (red U-turn + yellow U-turn + green U-turn)

Body parameters		
Product range	DT300-3-AP	DT400-3-AP
Light emitting unit	Type 300 (φ300mm)	Type 400 (φ400mm)
Pattern combination	Red U-turn + Yellow U-turn + Green U-turn	
Case material	Engineering Plastics	
Specifications		
Product Weight	7.2kg	11.5kg
Packing weight	22kg	33.5kg
Packing quantity	2 Pack	
Dimensions	1190x450x145mm	1570x590x156mm
Packing size	1230x340x490mm	1620x386x650mm
LED Chips	Imported chips	
LED center wavelength	Red 625nm; Yellow 590nm; Green 505nm	
LED light angle	30°	
Electrical parameters		
Power supply type	Constant current power supply	
Operating voltage	AC 176V~264V	
Power of a single light unit <12W		<15W
Power Factor	>0.85	
Operating frequency	48Hz~52Hz	
Starting instant current	<2A	
Startup response time	<100ms	
Close Response Time	<100ms	
Other parameters		
Insulation resistance	≥500MΩ	
Dielectric strength	Withstand voltage 1440VAC	
Leakage Current	≤0.5mA	
Ground resistance	≤0.5Ω	
Operating temperature	-40℃~80℃	
Protection level	IP53	
Service life	>50000h	
Vibration resistance	Meet the requirements	
Wind pressure resistance	Meet the requirements	
Implementation Standards	GB 14887-2011 Road Traffic Signal Lights	

Light panel card type traffic light



U-turn signal light

(Red U-turn + Yellow U-turn + Green U-turn)

DT300-3-AP

DT400-3-AP

National Standards

Traffic lights

GB 14887-2011

Group Standard

Light panel card type road traffic signal light

T/SCJA 3-2019

Product model: DT300-3-KV / DT400-3-KV

DT300-3-CP / DT300-3-CL

DT300-3-DP / DT300-3-DL

Type 300 U-turn signal light (red U-turn + yellow U-turn + green U-turn)

Light panel card type traffic light

Body parameters				
Product SeriesDT300-3-CPDT300-3-CLDT300-3-DPDT300-3-DL				
Light emitting unit	Type 300 (ø300mm)			
Pattern combination	Red U-turn + Yellow U-turn + Green U-turn			
Case material	Engineering plastic die-casting aluminum Engineering plastic die-casting aluminum			
Specifications				
Product Weight	About 5.4kg	About 8.2kg	About 5.4kg	About 8.2kg
Packing weight	About 18.3kg	About 24kg	About 18.3kg	About 24kg
Packing quantity	2 Pack			
Dimensions	1105x385x150mm			
Packing size	1155x430x310mm			
LED Chips	Imported chips			
LED center wavelength	red 625nm; yellow 590nm; green 505nm			
LED light angle 30°				
Electrical parameters				
Power supply type	Constant current power supply			
Operating voltage	AC 176V~264V			
Power of a single light unit <12W				
Power Factor	>0.85			
Operating frequency	48Hz~52Hz			
Start-up instantaneous current	<2A			
Startup response time <100ms				
Close response time <100ms				
Other parameters				
Insulation resistance	≥500MΩ			
Dielectric strength	Withstand voltage 1440VAC			
Leakage Current	≤0.5mA			
Ground resistance	≤0.5Ω			
Operating temperature	-40~-80℃			
Protection level	IP53			
Service life	>50000h			
Anti-vibration performance	meets the requirements			
Wind pressure resistance	meets the requirements			
Implementation Standards	GB 14887-2011 Road Traffic Signal Lights			



Type 300 U-turn signal light

(Red U-turn + Yellow U-turn + Green U-turn)

DT300-3-CP  
DT300-3-CL

DT300-3-DP  
DT300-3-DL

National Standards  
Traffic lights  
GB 14887-2011

Group Standard  
Light panel card type road traffic signal light  
T/SCJA 3-2019

Product model: DT300-3-KV / DT400-3-KV

DT400-3-CP / DT400-3-CL  
DT400-3-DP / DT400-3-DL

Type 400 U-turn signal light (red U-turn + yellow U-turn + green U-turn)

Light panel card type traffic light  
Easy installation

Light panel card type traffic light

Body parameters				
Product Series	DT400-3-CP DT400-3-CL DT400-3-DP DT400-3-DL			
Lighting unit	400 type (ø400mm)			
Pattern combination	Red U-turn + Yellow U-turn + Green U-turn			
Housing Material	Engineering Plastic Die-cast Aluminum Engineering Plastic Die-cast Aluminum			
Specifications				
Product Weight	About 8.5kg	About 11.5kg	About 8.5kg	About 11.5kg
Packing weight	About 26kg	About 33.5kg	About 26kg	About 33.5kg
Packing quantity	2 Pack			
Dimensions	1440×490×160mm			
Packing size	1500×535×315mm			
LED Chips	Imported chips			
LED center wavelength	red 625nm; yellow 590nm; green 505nm			
LED light angle 30°				
Electrical parameters				
Power supply type	Constant current power supply			
Working voltage	AC 176V~264V			
Power of a single light emitting unit	<15W			
Power Factor	>0.85			
Working frequency	48Hz~52Hz			
Start-up instantaneous current	<2A			
Startup response time	<100ms			
Close response time	<100ms			
Other parameters				
Insulation resistance	≥500MΩ			
Dielectric strength	Withstand voltage 1440VAC			
Leakage current	≤ 0.5mA			
Ground resistance	≤ 0.5Ω			
Operating temperature	-40~80℃			
Protection level	IP53			
Service life	>50000h			
Anti-vibration performance	meets the requirements			
Wind pressure resistance	meets the requirements			
Implementation Standards	GB 14887-2011 Road Traffic Signal Lights			



400 type U-turn signal light

(Red U-turn + Yellow U-turn + Green U-turn)

DT400-3-CP  
DT400-3-CL

DT400-3-DP  
DT400-3-DL

National Standards

Traffic lights  
GB 14887-2011

Group Standard

Light panel card type road traffic signal light  
T/SCJA 3-2019

Product model: DT300-3-KV / DT400-3-KV

# CD300-3-EP / CD400-3-EP

Lane indicator light (red cross + green arrow)

Body parameters		
Product range	CD300-3-EP	CD400-3-EP
Lighting unit 300 type (φ300mm)	Type 400 (φ400mm)	
Pattern combination	Red cross + green arrow	
Shell material engineering plastic		
Specifications		
Product weight is about 3.9kg,	About 6.2kg	
packaging weight is about 12kg	About 15.5kg	
Packing quantity 2 pieces		
Dimensions	738×391×150mm	956×497×160mm
Packing size: 850×390×310mm	1090×500×315m	
LED Chips	Imported chips	
LED center wavelength red 625nm; yellow 590nm; green 505nm		
LED light angle 30°		
Electrical parameters		
Power supply type Constant current power supply		
Working voltage AC 176V~264V		
Power of a single light unit <12W	<15W	
Power factor γ 0.90		
Working frequency 48Hz~52Hz		
Start-up instantaneous current <2A		
Startup response time <100ms		
Close response time <100ms		
Other parameters		
Insulation resistance	γ500Mγ	
Dielectric strength withstand voltage 1440VAC		
Leakage current γ 0.5mA		
Ground resistance γ 0.5γ		
Operating temperature	-40γ~80γ	
Protection level	IP55	
Service life>50000h		
Anti-vibration performance meets the requirements		
Wind pressure resistance meets the requirements		
Implementation standard GB 14887-2011 "Road Traffic Lights"		



Lane indicator lights

(Red cross + green arrow)

## CD300-3-EP CD400-3-EP

National Standards

Traffic lights

GB 14887-2011

Group Standard

Light panel card type road traffic signal light

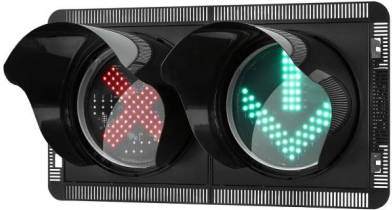
T/SCJA 3-2019

# CD300-3-AP / CD400-3-AP

Light panel card type traffic light

Lane indicator light (red cross + green arrow)

Body parameters		
Product range	CD300-3-AP	CD400-3-AP
Light emitting unit	Type 300 (φ300mm) Red cross	Type 400 (φ400mm)
Pattern combination	+ green arrow	
Case material	Engineering Plastics	
Specifications		
Product Weight	4.8kg	8kg
Packing weight	14kg 2	13.3kg 1
Packing	pack	piece
quantity Dimensions	820x450x145mm	1080x590x156mm
Packing size	860x340x490mm	1620x210x650mm
LED Chips	Imported chips	
LED center wavelength	Red 625nm; Green 505nm	
LED light angle	30°	
Electrical parameters		
Power supply type	Constant current power supply	
Operating voltage	AC 176V~264V	
Power of a single light unit <12W		<15W
Power factor	>0.85	
Operating	48Hz~52Hz	
frequency Start-up instantaneous current		
<2A Start-up response time <100ms Shutdown		
response time <100ms		
Other parameters		
Insulation	≥500MΩ	
resistance	Withstand voltage 1440V/AC	
Dielectric strength Leakage current	≤0.5mA	
Ground resistance	≤0.5Ω	
Working	-40°~80°	
temperature	IP53	
Protection level	≥50000h	
Service life Vibration resistance	Meet the requirements	
Wind pressure resistance	Meet the requirements	
Implementation Standards	GB 14887-2011 Road Traffic Signal Lights	



Lane indicator lights

(Red cross + green arrow)

CD300-3-AP CD400-3-AP

National Standards

Traffic lights

GB 14887-2011

Group Standard

Light panel card type road traffic signal light

T/SCJA 3-2019

Product Model: CD300-3-KV / CD400-3-KV

# CD400-3-CP / CD400-3-CL

400 type lane signal light (red cross + green arrow)

Light panel card type traffic light

Body parameters		
Product Series	CD400-3-CP	CD400-3-CL
Lighting Unit	Type 400 (y400mm)	
Pattern	Red cross + green arrow	
combination case material	Specifications of	Diecast aluminum
Engineering Plastics		
Product Weight	About	About 8.4kg
Package Weight	6kg About	About 20kg
Package Quantity	15kg 2 pieces	2 pieces
Dimensions	960x490x160mm	
Packing size	1090x500x315mm	
LED Chips	Imported chips	
LED center wavelength	Red 625nm; Green 505nm	
LED light angle	30°	
Electrical parameters		
Power supply type	Constant current power supply	
Operating voltage	AC 176V~264V	
Power of a single light emitting unit	<15W	<15W
Power Factor	>0.85	
Operating frequency	48Hz~52Hz	
Start-up instantaneous current	<2A	
Startup response time	<100ms	
Close Response Time	<100ms	
Other parameters		
Insulation resistance	y500My	
Dielectric strength	Withstand voltage 1440VAC	
Leakage current	y0.5mA	
Grounding	y0.5y	
resistance Working	-40y~80y	
temperature	IP65	
Protection level	>50000h	
Service life Vibration	Meet the requirements	
resistance Wind	Meet the requirements	
pressure resistance Implementation standard	GB 14887-2011 Road Traffic Signal Lights	



400 type lane signal lights

(Red cross + green arrow)

CD400-3-CP  
CD400-3-CL

National Standards

Traffic lights  
GB 14887-2011

Group Standard

(Light panel card type road traffic signal light)  
T/SCJA 3-2019

Product model: CD400-3-KV

# CD301-3-01P / CD401-3-01P

Red cross and green arrow signal lights displayed on the same screen

Body parameters		
Product range	CD301-3-01P	CD401-3-01P
Light emitting unit	Type 300 (y300mm) Red cross and	Type 400 (y400mm)
Pattern combination	green arrow on the same screen	
Case material	Engineering Plastics	
Specifications		
Product Weight	2.6kg	3.9kg
Packing weight	8kg 2	7.2kg
Packing quantity	packs	1 piece
Dimensions	450x450x145mm	590x590x156mm
Packing size	495x345x490mm	650x210x650mm
LED Chips	Imported chips	
LED center wavelength	Red 625nm; Green 505nm	
LED light angle	30°	
Electrical parameters		
Power supply type	Constant current power supply	
Operating voltage	AC 176V~264V	
Power of a single light unit <12W		<15W
Power Factor	>0.85	
Operating frequency	48Hz~52Hz	
Startup instantaneous current <2A Startup		
response time <100ms		
Close response time <100ms		
Other parameters		
Insulation resistance	≥500MΩ	
Dielectric Strength	Withstand voltage 1440VAC	
Leakage Current	≤0.5mA	
Ground resistance	≤0.5Ω	
working temperature	-40°~80°	
Protection level	IP53	
Service life and	>50000h	
vibration resistance	Meet the requirements	
Wind pressure resistance	Meet the requirements	
Implementation Standards	GB 14887-2011 Road Traffic Signal Lights	



Red cross and green arrow signal lights displayed on the same screen

## CD301-3-01P CD401-3-01P

National Standards

Traffic lights  
GB 14887-2011

Group Standard

Light panel card type road traffic signal light  
T/SCJA 3-2019

Product Model: CD300-3-KV / CD400-3-KV

Voice prompter

100 type voice prompter

Features:

- y This product has APP software control and uses Bluetooth communication technology to provide voice prompts for pedestrians crossing the street  
By operating on the mobile terminal, the tedious operation of mechanical buttons is eliminated.  
It makes control simpler and more intuitive.
- y The device is connected to the APP via Bluetooth for convenient, safe and fast control; y Automatically identify the red and green light signals of pedestrian lights;
- y The power on/off time, volume during each period, and voice broadcast content can all be set;
- y The warning voice content is clear and can be clearly distinguished from the ambient noise;
- y The product is small, beautiful and novel.

project	Technical Parameters
Signal input	AC100-240V10%(50HZ-60HZ)
Maximum power consumption of the whole machine	<15W
Volume decibel	0-80dB
Operating temperature range	-30y-70y
Relative humidity	<98%RH
Protection level	IP54
Dimensions	210x160x135mm
Product Weight	1KG



100 type voice prompter

APP control

Pedestrian crossing voice prompter (APP)

Features:

- This product has APP software control and uses Bluetooth communication technology to provide voice prompts for pedestrians crossing the street.  
By operating on the mobile terminal, the tedious operation of mechanical buttons is eliminated.  
This app has two language options, Chinese and English.
- The device is connected to the APP via Bluetooth for convenient, safe and fast control; • Automatically identify the red and green light signals of pedestrian lights;
- The power on/off time, volume during each time period, and voice broadcast content can all be set; • Warning The speech content is clear and can be clearly distinguished from the ambient noise;
- The product has beautiful and novel appearance.



Pedestrian crossing voice prompter (APP)

APP control

Specifications	
Product weight: 2.1kg	External
dimensions: 450x450x145mm	
Packing size	
495x345x490mm	
Electrical parameters	
Input voltage	AC100~240V/10%(50HZ-60HZ)
Maximum power consumption of the whole machine	<15W
Other parameters	
Operating temperature	range -30y~70y
Relative humidity	<98%RH
Protection level	IP53

Voice prompter

Pedestrian voice crossing reminder

Features:

- This product has APP software control and adopts Bluetooth communication technology to remind pedestrians to cross the street.  
By operating on the mobile terminal, the tedious mechanical button operation is eliminated.  
Makes control simpler and more intuitive.
- The device is connected to the APP via Bluetooth to control the power on/off time, volume level during each time period, and voice broadcast content  
Can be set;
- Automatically identify the red and green light signals of pedestrian lights;
- Automatically detect whether pedestrians run red lights through infrared detection technology;
- Traffic light dedicated LED red and green light beads to remind pedestrians to cross the street safely; • The maximum effective distance of infrared sensing is 10-30 meters;
- The warning voice content is clear and can be clearly distinguished from the ambient noise.

Body parameters	
Shell material:	cold rolled iron, PC
Specifications	
External dimensions:	Ø10x220x270mm
Product weight	16.5KG
Electrical parameters	
Signal input	AC100~240V10%(50HZ-60HZ)
Maximum power consumption of the whole machine	<40W
Other parameters	
Grating sensing distance	10~30m
Operating temperature range	-30j~70j
Relative humidity	<98%RH
Protection level	IP53



Pedestrian voice crossing reminder

APP control

## Countdown display



### Features:

- γ Beautiful appearance, energy saving, environmental protection, greatly improving the city's image.
- γ Transparent PC mask, high light transmittance, flame retardant, UV protection
- γ Lamp panel plug-in installation, tool-free maintenance on site
- γ Hydrophobic surface design facilitates rapid drainage of rainwater
- γ Using imported chips, ultra-high brightness, ultra-low light decay, using heat sink technology, long life and stable performance.
- γ The core circuit is controlled by a single-chip microcomputer, and adopts "internal clock watchdog" and hardware anti-interference measures to make the countdown timer run more reliable

# DX-3-G-1-300BMP

Countdown display

Countdown display (ÿ300mm two-digit follow-up two-color dot matrix)

Body parameters	
Product range	DX-3-G-1-300BMP
16x8 dots per bit	
How it works	Follow
Learning cycle	ÿ2
The maximum displayed number is 99 (above 99, the screen will go black)	
Learning status display status black screen	
Specifications	
Product Weight	2.6kg
Packing weight	8.8kg
Packing quantity	2 Pack
Dimensions	450x450x145mm
Packing size	495x345x490mm
LED Chips	Imported chips
LED center wavelength	Red 625nm; Green 505nm
LED light angle	30°
Electrical parameters	
Power supply type	Constant voltage power supply
Operating voltage	AC 176Vÿ264V
Total lamp power	<15W
Operating frequency	
48Hzÿ52HzOther parameters	
Insulation resistance	ÿ500Mÿ
Dielectric strength	Withstand voltage 1500VAC, 50Hz
Leakage Current	ÿ0.5mA
Ground resistance	ÿ0.5ÿ
Operating temperature	-40ÿ~70ÿ
Relative humidity	ÿ95%
Protection level	IP53
Service life	>50000h
Anti-vibration performance meets the requirements	
Wind pressure resistance meets the requirements	
Implementation Standards	GA/T 508-2014 "Road Traffic Signal Countdown Display"



## DX-3-G-1-300BMP

Countdown display (ÿ300mm two-digit follow-up two-color dot matrix)

National Standards	(Road Traffic Signal Countdown Display) GA/T 508 - 2014
Group Standard	(Light panel card type road traffic signal light) T/SCJA 3-2019

# DX-3-T-1-300BMP

Countdown display

Countdown display (¥300 two-digit communication two-color dot matrix)

Body parameters	
Product range	DX-3-T-1-300BMP
16x8 dots per bit	
How it works	RS485 Communication
Communication features	The signal machine sends communication data, and the countdown displays numbers when it is powered on.
The maximum displayed number is	99 (above 99, the screen will go black)
Specifications	
Product Weight	2.6kg
Packing weight	8.8kg
Packing quantity	2 Pack
Dimensions	450x450x145mm
Packing size	495x345x490mm
LED Chips	Imported chips
LED center wavelength red	625nm; green 505nm
LED light angle 30°	
Electrical parameters	
Power supply type	Constant voltage power supply
Operating voltage	AC 176V¥264V
Total lamp power	<15W
Operating frequency	
48Hz¥52HzOther parameters	
Insulation resistance	¥500M¥
Dielectric strength	Withstand voltage 1500VAC, 50Hz
Leakage Current	¥0.5mA
Ground resistance	¥0.5¥
Operating temperature	-40¥-70¥
Relative humidity	¥95%
Protection level	IP53
Service life>50000h	
Anti-vibration performance	meets the requirements
Wind pressure resistance	meets the requirements
Implementation Standards	GA/T 508-2014 "Road Traffic Signal Countdown Display"



## DX-3-T-1-300BMP

Countdown display (¥300mm two-digit communication two-color dot matrix)

National Standards

(Road Traffic Signal Countdown Display)  
GA/T 508 - 2014

Group Standard

Light panel card-type traffic signal light  
T/SCJA 3-2019

# DX-1-G-1-300BSP

Countdown display

Countdown display (ÿ300mm one-digit follow-up two-color pen segment)

Body parameters	
Product range	DX-1-G-1-300BSP
The whole machine has 7 segments	
How it works	Follow
Learning cycle	ÿ2
The maximum displayed number is 9 (above 9, the screen will be black)	
Learning status display status black screen	
Specifications	
Product Weight	2.6kg
Packing weight	8.8kg
Packing quantity	2 Pack
Dimensions	450x450x145mm
Packing size	495x345x490mm
LED Chips	Imported chips
LED center wavelength red 625nm; green 505nm	
LED light angle	30°
Electrical parameters	
Power supply type	Constant voltage power supply
Operating voltage	AC 176Vÿ264V
Total lamp power	<6W
Operating frequency	
48Hzÿ52HzOther parameters	
Insulation resistance	ÿ500Mÿ
Dielectric strength	Withstand voltage 1500VAC, 50Hz
Leakage Current	ÿ0.5mA
Ground resistance	ÿ0.5ÿ
Operating temperature	-40ÿ~70ÿ
Relative humidity	ÿ95%
Protection level	IP53
Service life	>50000h
Anti-vibration performance meets the requirements	
Wind pressure resistance meets the requirements	
Implementation Standards	GA/T 508-2014 "Road Traffic Signal Countdown Display"



## DX-1-G-1-300BSP

Countdown display (ÿ300mm one-digit follow-up two-color pen segment)

National Standards

(Road Traffic Signal Countdown Display)  
GA/T 508 - 2014

Group Standard

(Light panel card type road traffic signal light)  
T/SCJA 3-2019

# DX-1-T-1-300BSP

Countdown display

Countdown display (γ300mm one-bit communication two-color pen segment)

Body parameters	
Product range	DX-1-T-1-300BSP
The whole machine has 7 segments	
How it works	RS485 Communication
Communication features	The signal machine sends communication data, and the countdown displays numbers when it is powered on.
The maximum displayed number is 9 (above 9, the screen will be black)	
Specifications	
Product Weight	2.6kg
Packing weight	8.8kg
Packing quantity	2 Pack
Dimensions	450x450x145mm
Packing size	495x345x490mm
LED Chips	Imported chips
LED center wavelength	Red 625nm, Green 505nm
LED light angle	30°
Electrical parameters	
Power supply type	Constant voltage power supply
Working voltage AC	178V~264V
Total lamp power	<6W
Operating frequency	
48Hz~52HzOther parameters	
Insulation resistance	γ500Mγ
Dielectric strength	Withstand voltage 1500VAC, 50Hz
Leakage Current	γ0.5mA
Ground resistance	γ0.5γ
Operating temperature	-40γ~70γ
Relative humidity	γ95%
Protection level	IP53
Service life	>50000h
Anti-vibration performance meets the requirements	
Wind pressure resistance meets the requirements	
Implementation Standards	GA/T 508-2014 "Road Traffic Signal Countdown Display"



## DX-1-T-1-300BSP

Countdown display (γ300mm one-bit communication two-color pen segment)

National Standards

(Road Traffic Signal Countdown Display)  
**GA/T 508 - 2014**

Group Standard

Light panel card type road traffic signal light  
**T/SCJA 3-2019**

# DX-3-G-1-300BSP

Countdown display

Countdown display (φ300mm two-digit follow-up two-color pen segment)



Body parameters	
Product range	DX-3-G-1-300BSP
The number of pen segments is 14	
Working method following method	
Learning cycle γ 2	
The maximum displayed number is 99 (above 99, the screen will go black)	
Learning status display status black screen	
Specifications	
Product weight: 2.6kg	
Packing weight 8.8kg	
Packing quantity 2 pieces	
Dimensions: 450x450x145mm	
Packing size: 495x345x490mm	
LED chip imported chip	
LED center wavelength red 625nm; green 505nm	
LED light angle 30°	
Electrical parameters	
Power supply type Constant voltage power supply	
Working voltage AC 176Vγ264V	
Total lamp power <10W	
Operating frequency	
48Hzγ52HzOther parameters	
Insulation resistance γ500Mγ	
Dielectric strength withstand voltage 1500VAC, 50Hz	
Leakage current γ 0.5mA	
Ground resistance γ 0.5γ	
Working temperature -40γ~70γ	
Relative humidity γ95%	
Protection level	IP53
Service life>50000h	
Anti-vibration performance meets the requirements	
Wind pressure resistance meets the requirements	
Implementation standard	GA/T 508-2014 "Road Traffic Signal Countdown Display"

## DX-3-G-1-300BSP

Countdown display (φ300mm two-digit follow-up two-color pen segment)

National Standards

(Road Traffic Signal Countdown Display)

GA/T 508 - 2014

Group Standard

(Light panel card type road traffic signal)

T/SCJA 3-2019

# DX-3-T-1-300BSP

Countdown display

Countdown display (γ300 two-digit communication two-color pen segment)



Body parameters	
Product range	DX-3-T-1-300BSP
The number of pen segments is 14	
Working mode	RS485 communication
Communication Features	The signal machine sends communication data and displays numbers when the countdown is turned on.
The maximum displayed number is 99 (above 99, the screen will go black)	
Specifications	
Product weight: 2.6kg	
Packing weight 8.8kg	Packing
quantity 2 pieces	
Dimensions: 450x450x145mm	
Packing size: 495x345x490mm	
LED chip imported chip	
LED center wavelength red 625nm; green 505nm	
LED light angle 30°	
Electrical parameters	
Power supply type	Constant voltage power supply
Working voltage	AC 176V~264V
Total lamp power	<10W
Operating frequency	
48Hz-52HzOther parameters	
Insulation resistance	γ500Mγ
Dielectric strength withstand voltage	1500VAC, 50Hz
Leakage current	γ 0.5mA
Ground resistance	γ 0.5γ
Working temperature	-40γ~70γ
Relative humidity	γ95%
Protection level	IP53
Service life	>50000h
Anti-vibration performance	meets the requirements
Wind pressure resistance	meets the requirements
Implementation standard	GA/T 508-2014 "Road Traffic Signal Countdown Display"

## DX-3-T-1-300BSP

Countdown display (γ300mm two-digit communication two-color pen segment)

National Standards

(Road Traffic Signal Countdown Display)

GA/T 508 - 2014

Group Standard

Light panel card type traffic light

T/SCJA 3-2019

## Countdown display



## Features:

- γ Beautiful appearance, energy saving, environmental protection, greatly improving the city's image.
- γ Transparent PC mask, high light transmittance, flame retardant, UV protection
- γ Hydrophobic surface design facilitates rapid drainage of rainwater
- γ Using imported chips, ultra-high brightness, ultra-low light decay, using heat sink technology, long life and stable performance.
- γ The core circuit is controlled by a single-chip microcomputer, and adopts "internal clock watchdog" and hardware anti-interference measures to make the countdown timer run more reliable
- γ The communication countdown can adapt to the following baud rates: 2400bps, 4800bps, 9600bps.

# DX-1-G-1-KV

Countdown display (400x600mm one-digit three-color dot matrix)

Countdown display

Body parameters	
Product range	DX-1-G-1-KV
Number of dots per bit	16x8 dots
How it works	Follow
Learning cycle	γ2
The maximum displayed number is 9 (above 9, the screen will be black)	
Learning status display status black screen	
Specifications	
Product Weight	3.2kg
Packing weight	17.8kg
Packing quantity	4 pack
Dimensions	600x400x145mm
Packing size	915x337x633mm
LED Chips	Imported chips
LED center wavelength	Red 625nm; Yellow 590nm; Green 505nm
LED light angle	30°
Electrical parameters	
Power supply type	Constant voltage (power supply)
Operating voltage	AC 176Vγ264V
Total lamp power	<15W
Operating frequency	48Hzγ52Hz
Other parameters	
Insulation resistance	γ500Mγ
Dielectric strength	Withstand voltage 1500V/AC, 50Hz
Leakage Current	γ0.5mA
Ground resistance	γ0.5γ
Operating temperature	-40γ~70γ
Relative humidity	γ95%
Protection level	IP53
Service life	>50000h
Anti-vibration performance meets the requirements	
Wind pressure resistance meets the requirements	
Implementation Standards	GA/T 508-2014 "Road Traffic Signal Countdown Display"



## DX-1-G-1-KV

Countdown display (400x600mm one-digit three-color dot matrix)

National Standards

(Road Traffic Signal Countdown Display)  
GA/T 508 - 2014

# DX-1-T-1-KV

Countdown display (400x600mm one-bit communication three-color dot matrix)

Countdown display

Body parameters	
Product range	DX-1-T-1-KV
16x8 dots per bit	
How it works	RS485 Communication
Communication features	The signal machine sends communication data, and the countdown displays numbers when it is powered on.
The maximum displayed number is 9 (above 9, the screen will be black)	
Specifications	
Product Weight	3.2kg
Packing weight	17.8kg
Packing quantity	4 pack
Dimensions	600x400x145mm
Packing size	915x337x633mm
LED Chips	Imported chips
LED center wavelength red 625nm; yellow 590nm; green 505nm	
LED light angle 30°	
Electrical parameters	
Power supply type	Constant voltage power supply
Operating voltage	AC 176V~264V
Total lamp power	<15W
Operating frequency	
48Hz~52HzOther parameters	
Insulation resistance	≥500MΩ
Dielectric strength	Withstand voltage 1500VAC, 50Hz
Leakage Current	≤0.5mA
Ground resistance	≤0.5Ω
Operating temperature	-40~+70℃
Relative humidity	≤95%
Protection level	IP53
Service life	>50000h
Anti-vibration performance	meets the requirements
Wind pressure resistance	meets the requirements
Implementation Standards	GA/T 508-2014 "Road Traffic Signal Countdown Display"



## DX-1-T-1-KV

Countdown display (400x600mm one-bit communication three-color dot matrix)

National Standards

(Road Traffic Signal Countdown Display)  
GA/T 508 - 2014

# DX-3-G-1-KV

Countdown display (800x600mm two-digit follow-up three-color dot matrix)

Countdown display

Body parameters	
Product range	DX-3-G-1-KV
16x8 dots per bit	
How it works	Follow
Learning cycle	γ2
The maximum displayed number is 99 (above 99, the screen will go black)	
Learning status display status black screen	
Specifications	
Product Weight	About 6.2kg
Packing weight	About 17.2kg
Packing quantity	2 Pack
Dimensions	600x800x145mm
Packing size	915x337x633mm
LED Chips	Imported chips
LED center wavelength	Red 625nm; Yellow 590nm; Green 505nm
LED light angle	30°
Electrical parameters	
Power supply type	Constant voltage power supply
Operating voltage	AC 176Vγ264V
Total lamp power	<25W
Operating frequency	
48Hzγ52HzOther parameters	
Insulation resistance	γ500Mγ
Dielectric strength	Withstand voltage 1500VAC, 50Hz
Leakage Current	γ0.5mA
Ground resistance	γ0.5γ
Operating temperature	-40γ-70γ
Relative humidity	γ95%
Protection level	IP53
Service life	>50000h
Anti-vibration performance meets the requirements	
Wind pressure resistance meets the requirements	
Implementation Standards	GA/T 508-2014 "Road Traffic Signal Countdown Display"



# DX-3-G-1-KV

Countdown display (800x600mm two-digit follow-up three-color dot matrix)

National Standards

(Road Traffic Signal Countdown Display)  
GA/T 508 - 2014

# DX-3-T-1-KV

Countdown display (800×600mm two-digit communication three-color dot matrix)

Countdown display

Body parameters	
Product range	DX-3-T-1-KV
16x8 dots per bit	
How it works	RS485 Communication
Communication features	The signal machine sends communication data, and the countdown displays numbers when it is powered on.
The maximum displayed number is 99 (above 99, the screen will go black)	
Specifications	
Product weight is about	6.2kg
Package weight: 17.2kg	Package quantity:
2 pieces	
Dimensions	600×800×145mm
Packing size	915×337×633mm
LED Chips	Imported chips
LED center wavelength	red 625nm; yellow 590nm; green 505nm
LED light angle 30°	
Electrical parameters	
Power supply type	Constant voltage power supply
Working voltage	AC 176V~264V
Total lamp power	<25W
Operating frequency	
48Hz~52HzOther parameters	
Insulation resistance	≥500MΩ
Dielectric strength withstand voltage	1500VAC, 50Hz
Leakage Current	≤0.5mA
Ground resistance	≤0.5Ω
Working temperature	-40~70℃
Relative humidity	≤95%
Protection level	IP53
Service life	>50000h
Anti-vibration performance	meets the requirements
Wind pressure resistance	meets the requirements
Implementation Standards	GA/T 508-2014 "Road Traffic Signal Countdown Display"



# DX-3-T-1-KV

Countdown display (800×600mm two-digit communication three-color dot matrix)

National Standards

(Road Traffic Signal Countdown Display)  
GA/T 508 - 2014

# DX-1-G-1-KV

Countdown display (400x600mm one-digit follower three-color pen segment)

Countdown display

Body parameters	
Product range	DX-1-G-1-KV
The whole machine has 7 segments	
How it works	Follow
Learning cycle	ÿ2
The maximum displayed number is 9 (above 9, the screen will be black)	
Learning status display status black screen	
Specifications	
Product Weight	3.2kg
Packing weight	17.8kg
Packing quantity	4 pack
Dimensions	600x400x145mm
Packing size	915x337x633mm
LED Chips	Imported chips
LED center wavelength red 625nm; yellow 590nm; green 505nm	
LED light angle 30°	
Electrical parameters	
Power supply type	Constant voltage power supply
Operating voltage	AC 176Vÿ264V
Total lamp power	<15W
Operating frequency	
48Hzÿ52HzOther parameters	
Insulation resistance	ÿ500Mÿ
Dielectric strength	Withstand voltage 1500VAC, 50Hz
Leakage Current	ÿ0.5mA
Ground resistance	ÿ0.5ÿ
Operating temperature	-40ÿ-70ÿ
Relative humidity	ÿ85%
Protection level	IP53
Service life	>50000h
Anti-vibration performance meets the requirements	
Wind pressure resistance meets the requirements	
Implementation Standards	GA/T 508-2014 "Road Traffic Signal Countdown Display"



## DX-1-G-1-KV

Countdown display (400x600mm one-digit follower three-color pen segment)

National Standards

(Road Traffic Signal Countdown Display)  
GA/T 508 - 2014

# DX-1-T-1-KV

Countdown display

Countdown display (400x600mm one-bit communication three-color pen segment)

Body parameters	
Product range	DX-1-T-1-KV
The whole machine has 7 segments	
How it works	RS485 Communication
Communication Features The signal machine sends communication data and displays numbers when the countdown is turned on.	
The maximum displayed number is 9 (above 9, the screen will be black)	
Specifications	
Product Weight	3.2kg
Packing weight	17.8kg
Packing quantity 4 pieces	
Dimensions	600x400x145mm
Packing size	915x337x633mm
LED Chips	Imported chips
LED center wavelength	Red 625nm; Yellow 590nm; Green 505nm
LED light angle	30°
Electrical parameters	
Power supply type Constant voltage power supply	
Operating voltage	AC 176V-264V
Total lamp power	<15W
Operating frequency	
48Hz-52HzOther parameters	
Insulation resistance	≥500MΩ
Dielectric strength	Withstand voltage 1500VAC, 50Hz
Leakage current ≤ 0.5mA	
Ground resistance ≤ 0.5Ω	
Operating temperature	-40°-70°
Relative humidity ≥95%	
Protection level	IP53
Service life	>50000h
Anti-vibration performance meets the requirements	
Wind pressure resistance meets the requirements	
Implementation Standards	GA/T 508-2014 "Road Traffic Signal Countdown Display"



## DX-1-T-1-KV

Countdown display (400x600mm one-bit communication three-color pen segment)

National Standards

(Road Traffic Signal Countdown Display)  
GA/T 508 - 2014

# DX-3-G-1-KV

Countdown display (800x600mm two-digit follow-up three-color pen segment)

Countdown display

Body parameters	
Product range	DX-3-G-1-KV
The number of pen segments is 14	
How it works	Follow
Learning cycle	γ2
The maximum displayed number is 99 (above 99, the screen will go black)	
Learning status display status black screen	
Specifications	
Product Weight	About 6.2kg
Packing weight	Approx. 17.2kg
Packing quantity	2 pieces
Dimensions	600x800x145mm
Packing size	915x337x633mm
LED Chips	Imported chips
LED center wavelength red 625nm; yellow 590nm; green 505nm	
LED light angle 30°	
Electrical parameters	
Power supply type	Constant voltage power supply
Operating voltage	AC 176Vγ264V
Total lamp power	<25W
Operating frequency	
48Hzγ52HzOther parameters	
Insulation resistance	γ500Mγ
Dielectric strength	Withstand voltage 1500VAC, 50Hz
Leakage Current	γ0.5mA
Ground resistance	γ0.5γ
Operating temperature	-40γ-70γ
Relative humidity	γ95%
Protection level	IP53
Service life	>50000h
Anti-vibration performance meets the requirements	
Wind pressure resistance meets the requirements	
Implementation Standards	GA/T 508-2014 "Road Traffic Signal Countdown Display"



## DX-3-G-1-KV

Countdown display (800x600mm two-digit follow-up three-color pen segment)

National Standards

(Road Traffic Signal Countdown Display)  
GA/T 508 - 2014

# DX-3-T-1-KV

Countdown display (800x600mm two-digit communication three-color pen segment)

Countdown display

Body parameters	
Product range	DX-3-T-1-KV
The number of pen segments is	14
How it works	RS485 Communication
Communication features	The signal machine sends communication data, and the countdown displays numbers when it is powered on.
The maximum displayed number is	99 (above 99, the screen will go black)
Specifications	
Product Weight	About 6.2kg
Packing weight	Approx. 17.2kg
Packing quantity	2 pieces
Dimensions	600x800x145mm
Packing size	915x337x633mm
LED Chips	Imported chips
LED center wavelength	red 625nm; yellow 590nm; green 505nm
LED light angle	30°
Electrical parameters	
Power supply type	Constant voltage power supply
Operating voltage	AC 176V~264V
Total lamp power	<30W
Operating frequency	
48Hz~52Hz Other parameters	
Insulation resistance	≥500MΩ
Dielectric strength	Withstand voltage 1500VAC, 50Hz
Leakage Current	≤0.5mA
Ground resistance	≤0.5Ω
Operating temperature	-40℃~70℃
Relative humidity	≤95%
Protection level	IP53
Service life	>50000h
Anti-vibration performance	meets the requirements
Wind pressure resistance	meets the requirements
Implementation Standards	GA/T 508-2014 "Road Traffic Signal Countdown Display"



## DX-3-T-1-KV

Countdown display (800x600mm two-digit communication three-color pen segment)

National Standards

(Road Traffic Signal Countdown Display)  
GA/T 508 - 2014

## Moving Lights



### Solar Moving Light

#### Features:

- γ Beautiful appearance, energy saving, environmental protection, greatly improving the city's image.
- γ The mask is made of PC material (the same material as the explosion-proof shield), which is light, thin, highly transparent, impact-resistant and durable. High light transmittance, flame retardant and UV-proof. γ Imported chips, ultra-high brightness, ultra-low light decay, heat sink technology, long life and stable performance. γ Lamp panel plug-in installation, tool-free maintenance on site
- γ It has a nighttime dimming function, which can be reduced by 59%, 40%, 35%, 23%, 12%, and 10% every 3 hours at night;
- γ Manual lift, lifting height is about 500mm.
- γ The controller has multi-phase function, yellow flash control, manual control, all red control. γ It has battery over-discharge protection function.
- γ With power detection, remaining power display and low voltage warning functions.

# YDJX201-1A-KV-AP

Solar red, yellow and green circles are displayed on the same screen

Moving Lights

Technical Parameters	
Product range	YDJX201-1A-KV-AP
Specifications	
LED Chips	Imported chips
LED center wavelength	Red 625nm; Yellow 590nm; Green 505nm
LED lighting angle	30°
product quality	51kg
Dimensions	660x550x1740mm
Product Height	1600~2100mm
Electrical parameters	
Total lamp power	<12W
Operating voltage	12V
Ambient temperature	-40ÿ~80ÿ
Overcharge protection voltage	14.7V Boost
start voltage	12.2V
Undervoltage protection voltage	10.5V
Other parameters	
IP rating	IP53
Solar power	30W
Solar peak current	1.79A
Battery capacity	60Ah (optional)
Battery reference size	350x166x174mm
The maximum battery size that the base can accommodate is 400x320x220mm. The	
Implementation standard refers to GB14887-2011 and relevant international standards.	



YDJX201-1A-KV-AP

Solar red, yellow and green circles are displayed on the same screen

Moving Lights

# YDJX202-IA-KV-AP

Solar red circle, yellow circle and green circle are displayed on the same screen/

Red arrow, yellow arrow and green arrow are displayed on the same screen as the moving light

parameter	
Product range	YDJX202-IA-KV-AP
Specifications	
LED Chips	Imported chips
LED center wavelength	Red 625nm; Yellow 590nm; Green 505nm
LED light angle	30°
Product Quality	51kg
Dimensions	660×550×1860mm
Product Height	1860-2360mm
Electrical parameters	
Total lamp power/	<12W
Operating voltage	12V
Ambient temperature	-40ÿ-80ÿ
Overcharge protection voltage	14.7V
Boost start voltage	12.2V
Undervoltage protection voltage	10.5V
Other parameters	
IP Rating	IP53
Solar power	30W
Solar peak current	1.79A
Battery capacity	60Ah (optional)
Battery reference size	350x166x174mm
The maximum battery size of the base	is 400x320x220mm
Implementation Standards	Refer to GB/14887-2011 and relevant international standards



YDJX202-IA-KV-AP

Solar red circle, yellow circle and green circle are displayed on the same screen/

Red arrow, yellow arrow and green arrow are displayed on the same screen as the moving light

Implementation standard "Mobile road traffic lights"  
T/CTS 19—2023

Product model: YDJX202-IA-KV

# YDJX203-IA-KV-AP

Solar red/yellow/green moving light

Technical Parameters	
Product range	YDJX203-IA-KV-AP
Specifications	
LED Chips	Imported chips
LED center wavelength	Red 625nm; Yellow 590nm; Green 505nm
LED light angle	30°
Product quality	51kg
and dimensions	660×550×2060mm
Product Height	2060~2560mm
Electrical parameters	
Total lamp power	<12W
Operating voltage	12V
Ambient temperature	-40ÿ~80ÿ
Overcharge protection voltage	14.7V Boost
start voltage	12.2V
Undervoltage protection voltage	10.5V
Other parameters	
IP Rating	IP53
Solar power	30W
Solar peak current 1.79A Battery capacity	
60Ah (optional)	
Battery reference size	350×166×174mm
The maximum battery size of the base is 400×320×220mm	
Implementation Standards	Refer to GB/14887-2011 and relevant international standards



YDJX203-IA-KV-AP  
Solar red/yellow/green moving light

Implementation standard "Mobile road traffic light"  
T/CTS 19—2023

Product model: YDJX203-IA-KV

#### Integrated pedestrian lights



### Features:

- γ Beautiful appearance, energy saving, environmental protection, greatly improving the city's image.
- γ Modular assembly, high efficiency; special profiles, one-piece molding, light weight, high strength, no corrosion, long service life;
- γ Effectively reduce transportation costs, construction and installation costs, and greatly shorten installation and construction time.
- γ The mask is made of PC material (the same material as the explosion-proof shield), which is thin, light, highly transparent, impact-resistant and durable. It has high light transmittance, flame retardant and UV protection.
- γ Using imported chips, ultra-high brightness, ultra-low light decay, using heat sink technology, long life and stable performance.
- γ The lamp panel is installed by plug-in card, and tool-free maintenance is possible on site.

Integrated pedestrian lights

300 red/yellow/green integrated lights

Can be combined according to customer requirements

Specifications	
Product Weight	30kg
Product size (height x width x thickness)	(3500±150mm)×(410±5mm)×(130±1mm)
LED Chips	Imported chips
LED center wavelength	Red 625nm; Yellow 590nm; Green 505nm
LED light angle	30°
Electrical parameters	
Power supply type	Constant current power supply
Operating voltage	AC 176V~264V
Power of a single light emitting unit <15W	
Power Factor	γ0.90
Operating frequency	48Hz~52Hz
Starting instant current	<2A
Startup response time	<100ms
Close Response Time	
<100msOther parameters	
Insulation resistance	γ500Mγ
Dielectric strength	Withstand voltage 1440VAC
Leakage Current	γ0.5mA
Ground resistance	γ0.5γ
Operating temperature	-40γ~80γ
Protection level	IP53
Vibration resistance	Meet the requirements
Wind pressure resistance	Meet the requirements
Implementation Standards	GB 14887-2011 Road Traffic Signal Lights



300 red/yellow/green integrated lights

Implementation standard: Road traffic light  
GB 14887-2011

Integrated pedestrian lights

300 red people/dynamic green people/two-digit follow-up two-color pen segment countdown/

P10 display integrated light

Specifications	
Product Weight	48kg
Product size (height x width x thickness)	(3500±150mm)×(410±5mm)×(130±5mm)
LED Chips	Imported chips
LED center wavelength	Red 625nm; Green 505nm
LED light angle	30°
Electrical parameters	
Power supply type	Constant current power supply
Operating voltage	AC 176V~264V
Power of a single light unit <12W	
Power Factor	γ0.90
Operating frequency	48Hz~52Hz
Starting instant current	<2A
Startup response time	<100ms
Close Response Time	
	<100msOther parameters
Insulation resistance	γ500Mγ
Dielectric strength	Withstand voltage 1440VAC
Leakage Current	γ0.5mA
Ground resistance	γ0.5γ
Operating temperature	-40γ~80γ
Protection level	IP53
Vibration resistance	Meet the requirements
Wind pressure resistance	Meet the requirements
Implementation Standards	GB 14887-2011 Road Traffic Signal Lights



300 red people/dynamic green people/

Two-digit follow-up two-color pen segment countdown/

P10 display integrated light

Implementation standard "Road traffic lights"  
**GB 14887-2011**

Integrated pedestrian lights

300 red people and dynamic green people displayed on the same screen/

Two-digit follow-up two-color pen tip countdown integrated light

Specifications	
Product Weight	29kg
Product size (height x width x thickness)	(3500±150mm)x(410±5mm)x(130±1mm)
LED Chips	Imported chips
LED center wavelength	Red 625nm; Green 505nm
LED light angle	30°
Electrical parameters	
Power supply type	Constant current power supply
Operating voltage	AC 176V~264V
Power of a single light unit	<12W
Power Factor	γ0.90
Operating frequency	48Hz~52Hz
Starting instant current	<2A
Startup response time	<100ms
Close Response Time	
<100msOther parameters	
Insulation resistance	γ500Mγ
Dielectric strength	Withstand voltage 1440VAC
Leakage Current	γ0.5mA
Ground resistance	γ0.5γ
Operating temperature	-40γ~80γ
Protection level	IP53
Vibration resistance	Meet the requirements
Wind pressure resistance	Meet the requirements
Implementation Standards	GB 14887-2011 Road Traffic Signal Lights



300 red people and dynamic green people displayed on the same screen / 2

Position following two-color pen tip countdown integrated light

Implementation standard "Road traffic lights"  
GB 14887-2011

Integrated pedestrian lights

300 red man/dynamic green man integrated lights

Specifications	
Product Weight	29kg
Product size (height x width x thickness)	(3500±150mm)×(410±5mm)×(130±1mm)
LED Chips	Imported chips
LED center wavelength	Red 625nm, Green 505nm
LED light angle	30°
Electrical parameters	
Power supply type	Constant current green supply
Operating voltage	AC 176V~264V
Power of a single light unit	<12W
Power Factor	γ0.90
Operating frequency	48Hz~52Hz
Starting instant current	<2A
Startup response time	<100ms
Close Response Time	<100msOther parameters
Insulation resistance	γ500Mγ
Dielectric strength	Withstand voltage 1440VAC
Leakage Current	γ0.5mA
Ground resistance	γ0.5γ
Operating temperature	-40γ~80γ
Protection level	IP53
Vibration resistance	Meet the requirements
Wind pressure resistance	Meet the requirements
Implementation Standards	GB 14887-2011 Road Traffic Signal Lights



300 red man/dynamic green man integrated lights

Implementation standard "Road traffic lights"  
GB 14887-2011

Integrated pedestrian lights

300 red people/dynamic green people/

Two-digit follow-up two-color pen segment countdown integrated light

Specifications	
Product Weight	30kg
Product size (height x width x thickness)	(3500±150mm)×(410±5mm)×(130±1mm)
LED Chips	Imported chips
LED center wavelength	Red 625nm; Green 505nm
LED light angle	30°
Electrical parameters	
Power supply type	Constant current power supply
Operating voltage	AC 176V~264V
Power of a single light unit <12W	
Power Factor	γ0.90
Operating frequency	48Hz~52Hz
Starting instant current	<2A
Startup response time	<100ms
Close Response Time	
<100msOther parameters	
Insulation resistance	γ500Mγ
Dielectric strength	Withstand voltage 1440VAC
Leakage Current	γ0.5mA
Ground resistance	γ0.5γ
Operating temperature	-40γ~80γ
Protection level	IP53
Vibration resistance	Meet the requirements
Wind pressure resistance	Meet the requirements
Implementation Standards	GB 14887-2011 Road Traffic Signal Lights



300 red people/dynamic green people/  
Two-digit follow-up two-color pen segment  
Timing integrated light

Implementation standard "Road traffic lights"  
**GB 14887-2011**

Integrated pedestrian lights

300 red man/dynamic green man/blind clock/

P10 display integrated light

Specifications	
Product Weight	38kg
Product size (height x width x thickness)	(3500±150mm)×(410±5mm)×(130±1mm)
LED Chips	Imported chips
LED center wavelength	Red 625nm; Green 505nm
LED light angle	30°
Electrical parameters	
Power supply type	Constant current power supply
Operating voltage	AC 176V~264V
Power of a single light unit <12W	
Power Factor	γ0.90
Operating frequency	48Hz~52Hz
Starting instant current	<2A
Startup response time	<100ms
Close Response Time	
<100msOther parameters	
Insulation resistance	γ500Mγ
Dielectric strength	Withstand voltage 1440VAC
Leakage Current	γ0.5mA
Ground resistance	γ0.5γ
Operating temperature	-40γ~80γ
Protection level	IP53
Vibration resistance	Meet the requirements
Wind pressure resistance	Meet the requirements
Implementation Standards	GB 14887-2011 Road Traffic Signal Lights



300 red man/dynamic green man/blind clock/

P10 display integrated light

Implementation standard "Road traffic lights"  
GB 14887-2011

Integrated pedestrian lights

400 red/yellow/green integrated light

Specifications	
Product Weight	45kg
Product size (height x width x thickness)	(5500±150mm)×(410±5mm)×(130±1mm)
LED Chips	Imported chips
LED center wavelength	Red 625nm; Yellow 590nm; Green 505nm
LED light angle	30°
Electrical parameters	
Power supply type	Constant current power supply
Operating voltage	AC 176V~264V
Power of a single light unit <20W/	
Power Factor	γ0.90
Operating frequency	48Hz~52Hz
Starting instant current	<2A
Startup response time	<100ms
Close Response Time	
<100msOther parameters	
Insulation resistance	γ500Mγ
Dielectric strength	Withstand voltage 1440VAC
Leakage Current	γ0.5mA
Ground resistance	γ0.5γ
Operating temperature	-40γ~80γ
Protection level	IP53
Vibration resistance	Meet the requirements
Wind pressure resistance	Meet the requirements
Implementation Standards	GB 14887-2011 Road Traffic Signal Lights



400 red/yellow/green integrated light

Can be combined according to customer requirements

Implementation standard "Road traffic lights"  
GB 14887-2011

300 type pedestrian capture integrated intelligent signal light

Beautiful appearance, energy saving, environmental protection, greatly improve the city's image.  
Modular assembly, high efficiency; special profiles, one-piece molding, light weight, high strength, no corrosion, long life; Effectively reduce transportation costs, construction and installation costs, and greatly reduce installation and construction time.  
The mask is made of PC alloy (the same material as the explosion-proof shield), which is light, highly transparent, impact-resistant and durable. High light transmittance, flame retardant, and UV protection.  
Imported chips, ultra-high brightness, ultra-low light decay, using heat sink technology, long life and stable performance.  
The lamp panel is installed by plug-in card, and tool-free maintenance is available on site.  
The face capture makes not light running impossible to hide.  
The captured photos can be stored locally and transmitted to the server remotely.  
When the light is red, pedestrians running red lights will be captured and displayed, and when not captured, it will display "It is a red light now, no red light running".  
When the light is green, the display screen will display a text prompt "It is a green light now, pedestrians please pass".  
The text prompt content of the display screen can be customized according to customer needs.  
Voice prompts for pedestrians crossing the street are optional.  
Built-in camera, safer and more stable project

Technical Parameters	
LED chip LED	Imported chip Red 625nm; Green 505nm 30°
center wavelength	<8W
LED light angle Single	AC 176V~264V
light unit power Working	constant
voltage Power	current
type Power	power supply 0.90
factor Working	
frequency	
Product quality	
Product size (height x width x thickness)	48Hz~52Hz 38kg (3350±150mm)×(410±5mm)×(130±1mm) <2A <100ms
Start-up instant current	<100ms
Start-up response time	≤500MΩ
Shutdown response time	Withstand
Insulation resistance	voltage 1440VAC
Dielectric strength	γ1.0mA
Leakage current	γ0.5γ
Ground resistance	0γ~50γ IP53
Working temperature Protection	Meets the requirements/Meets the requirements
level Vibration	GB 14887-2011 Road Traffic Signal Lights
resistance Wind	pressure resistance AC 220V±20% 50Hz γ8W 500MW
Face recognition capture camera	γ50m
	Support
	Implementation standard
	Independent power supply Pixel capture distance (30 pictures)
Control Panel	CPU Quad-core 64-bit processor
	Ethernet port 10/100M adaptive Ethernet RJ45 port
	software system Linux 1
	USB interface
LCD display	Independent AC 220V±20% 50Hz
	power 21.5 inch
	supply Size 1920*1080
	Resolution 495.6mm×292.4mm×10.5mm 1000cd/m² 3000:1
	178°(H)/178°(V)
	Appearance (CR10)
	size Brightness
	Contrast Viewing 16.7M
	angle Display color Rated power 50W



300 type pedestrian capture integrated intelligent signal light

Implementation standard "Road traffic light"  
GB 14887-2011

Red man/green countdown + green man/red countdown + P10 display + voice prompter  
integrated intelligent pedestrian signal light

Integrated pedestrian lights

Specifications	
Product Weight	About 62kg
Product dimensions (height x width x thickness)	(3600±50mm)×(525±5mm)×(130±1mm)
LED Chips	Imported chips
LED center wavelength	Red 625nm; Green 505nm
LED light angle	30°
Electrical parameters	
Power supply type	Constant current green supply
Operating voltage	AC 176V~264V
Power of a single light unit	<12W
Power Factor	γ0.90
Operating frequency	48Hz~52Hz
Starting instant current	<2A
Startup response time	<100ms
Close Response Time	<100ms
Other parameters	
Insulation resistance	γ500Mγ
Dielectric strength	Withstand voltage 1440VAC
Leakage Current	γ0.5mA
Ground resistance	γ0.5γ
Operating temperature	-40γ~80γ
Protection level	IP53
Vibration resistance	Meet the requirements
Wind pressure resistance	Meet the requirements
Implementation Standards	GB 14887-2011 Road Traffic Signal Lights



Red Man/Green Countdown + Green Man/Red Countdown  
P10 display + voice prompter  
Integrated intelligent pedestrian signal light

Implementation standard "Road traffic lights"  
**GB 14887-2011**

Integrated pedestrian lights

300 red circle/yellow circle/green circle+red man/dynamic green man/two-color follower

Pen segment countdown four-sided integrated signal light

Specifications	
Product Weight	130kg
Product size (height x width x thickness)	(3500±150mm)x(440±5mm)x(440±1mm)
LED Chips	Imported chips
LED center wavelength	Red 625nm; Yellow 590nm; Green 505nm
LED light angle	30°
Electrical parameters	
Power supply type	Constant current power supply
Operating voltage	AC 176V~264V
Power of a single light emitting unit <15W	
Power Factor	γ0.90
Operating frequency	48Hz~52Hz
Starting instant current	<2A
Startup response time	<100ms
Close Response Time	
<100msOther parameters	
Insulation resistance	γ500Mγ
Dielectric strength	Withstand voltage 1440VAC
Leakage Current	γ0.5mA
Ground resistance	γ0.5γ
Operating temperature	-40γ~80γ
Protection level	IP53
Vibration resistance	Meet the requirements
Wind pressure resistance	Meet the requirements
Implementation Standards	GB 14887-2011 Road Traffic Signal Lights



300 red circle/yellow circle/green circle+red man/dynamic green man/

Two-digit two-color follow-up pen segment countdown

Four-sided integrated signal light

Implementation standard "Road traffic lights"  
GB 14887-2011

Integrated pedestrian lights

400 motor lights + countdown / 300 pedestrian lights + countdown / P10 display screen four  
Integrated signal light

Specifications	
Product Weight	<100kg
Product size (height x width x thickness)	(520±150mm)×(410±5mm)×(525±1mm)
LED Chips	Imported chips
LED center wavelength	Red 625nm; Yellow 590nm; Green 505nm
LED light angle	
30° Electrical parameters	
Power type	Constant current power supply
Working voltage	AC 176V~264V
Single light unit power <12W	
Power Factor	γ0.90
Operating frequency	48Hz~52Hz
Start-up instantaneous	<2A
current Start-up response	<100ms
time Shutdown response time	<100ms
Other parameters	
Insulation resistance	γ500Mγ
Dielectric strength	Withstand voltage: 1440VAC
Leakage Current	γ1.0mA
Ground resistance	γ0.5γ
Operating temperature	0γ~50γ
Protection level	IP53
Anti-vibration performance	Meet the requirements
Anti-wind pressure performance	Meet the requirements
Implementation standards	GB 14887-2011 Road Traffic Signal Lights
P10 display	
Modules	P10 outdoor waterproof module
power	γ50W
Display content (customizable) Red light:	Do not go when the light is red Green light: Please go when the light is green
Networking mode	Can be controlled via network cable connection
Standalone mode	The playback content can be adjusted via the laptop USB
Maintenance method	Front maintenance



400 motor lights + countdown  
300 people march + countdown  
P10 display  
Four-sided integrated signal light

# XHJ-CW-GA-KV7000

Coordinated network signal

Signal controller

Functions and features:

- It can set multiple time periods, multiple schemes, manual control, induction and other working modes; • It has overload and leakage protection, green conflict protection, and can monitor the working status and fault conditions of system hardware and software.
- Comprehensive monitoring of traffic conditions; • Signal machine hardware and software fault diagnosis and monitoring • Green conflict monitoring • Traffic signal control at intersections; • Pedestrian crossing control on sections; • Lane signal/sign control; • Ramp control; • Tunnel traffic control; • Comprehensive traffic data collection, etc.; • GPS positioning function; • Wireless module control: all red, yellow flashing, all off, automatic operation, next phase, etc. • Maximum number of daily scheduled dispatches: 128; maximum number of daily time periods: 48; maximum number of timing schemes: 128, maximum number of stages per timing scheme: 64; maximum number of phases: 64; maximum number of light groups: 32; A maximum of 128 coil detectors can be connected, and various detectors such as geomagnetic, video, infrared, etc. can be connected. • Clock accuracy:  $\pm 1\text{s/d}$ ; in the event of a power outage, no data loss will occur for three months; • Chinese operation interface, easy to operate; • The device has multiple intersection release plans preset for backup; • The intersection release plan can be updated using the USB interface.

Classification table of functions of Class C road traffic signal controller V1.2					
Serial number function classification		96 outputs (High-end machine)	72 outputs (Middle configuration machine)	48 outputs (Standard machine)	Remark
1	Output channels	48		ŷ	Output channels Corresponding terminal number
		72	ŷ		
		96	ŷ		
2 3					
4 Traffic light fault detectionŷ 5					
Remote network controlŷ 6 Beidou					
time synchronizationŷ 7 Fault					
detection downgradeŷ 8 Independent					
yellow flash functionŷ 9 Wireless					
remote controlŷ 10 Mobile phone					
APP controlŷ					
11 Green wave calculation functionŷ					
12 Temporary solution functionŷ					
13 Right turn yellow flash functionŷ 14					
Specific vehicle priority controlŷ 15					
Traffic data collectionŷ					
16 Signal timing optimization functionŷ					
17 Remote lockŷ					
18 Adaptive control ŷ 19 Pedestrian crossing ŷ Note: The					
factory with "ŷ" needs to be equipped with corresponding					
hardware during production;					



# XHJ-CW-GA-KV7000

Coordinated network signal

Implementation standard "Road traffic signal controller"  
GB 25280-2016

# XHJ-A(B)W-GA-KV3000

Road traffic signal controller (single point 22-way)

Features:

- Can set working modes such as multiple time periods, multiple plans, manual control, wireless coordination, etc.
- With overload and leakage protection, green conflict protection
- Chinese operation interface, easy to operate

Performance parameters:

model		XHJ-A(B)W-GA-KV3000 Yes
host want control access able	1 Yellow flash control 2	
	Multi-period control 3	have
	Manual control 4 No	have
	cable coordination 5	Optional
	Pedestrian crossing function	Optional
load enter load out signal mode	1 GPS clock 2 Pedestrian	A GPS interface
	request interface 3	Optional
	Communication interface	Optional
	4 Signal output 22 signal outputs, single-channel load up to 600W	
special Levy timing number	1 Schedule table number	7
	2 Time period table	16
	number 3 Scheme	16
	number 4 Stage table number	16
SEX able into to function	1 Dimensions 2	480mm×290mm×145mm
	Packaging dimensions 3	528mm×368mm×199mm
	Product quality 4	7.5kg
	Packaging quality 5	8.9kg
	Operating temperature 6	-20y~70y
	Power input 7 Power 8	AC 176~264V, 48~52Hz
	Storage temperature 9	y35W (without load)
	Relative humidity 10	-40y~70y
	Protection level	5%-95% (no condensation at 40y)
	implementation standard	IP54
		GB 4943.1-2011 Road traffic signal controller



# XHJ-A(B)W-GA-KV3000

Road traffic signal controller (single point 22-way)

Implementation standard "Road traffic signal controller"  
GB 25280-2016

# XHJ-A(B)W-GA-KV3000

Road traffic signal controller (single point 72-way)

### Features:

- Can set multiple time periods, multiple schemes, manual control, wireless coordination and other working modes
- With overload and leakage protection, green conflict protection
- Chinese operation interface, easy to operate

Performance parameters:

	model	XHJ-A(BJW-GA-KV3000 Yes
host want control system ..... able	1 Yellow flash control	
	2. Multi-period control	have
	3 Manual Control	have
	4 No cable coordination	Optional
	5 Pedestrian crossing function	Optional
base water ..... able	1 GPS clock	have
	2 Pedestrian Request Interface	Optional
	3 Signal output 72 signal outputs, single-channel load up to 600W 1 Schedule table number	
special Lens ..... function		7
	2 Time period meter number	16
	3 Number of solutions	16
	4-stage table number	16
size able water .....	1 Dimensions	480mmx290mmx145mm
	2 Packing size	528mmx368mm199mm
	3 Product Quality	8.8kg
	4. Packaging quality	10.9kg
	5 Operating temperature	-20~70℃
	6 Power Input	AC 176~264V, 48~52Hz
	7 Power	γ35W (without load)
	8 Storage Temperature	-40~70℃
	9 Relative humidity	5%~95%(40% without condensation)
	10 Protection level	IP54
Implementation Standards		GB 4943.1-2011 Road traffic signal controller



# XHJ-A(B)W-GA-KV3000

Road traffic signal controller (single point 72-way)

Implementation standard "Road traffic signal controller"

**GB 25280-2016**

Signal controller

XHJ-AN-YB-KV024D

Road traffic signal controller (single-point 24-way signal controller)

Features:

- It can set multiple time periods, multiple plans, manual control, wireless coordination and other working modes; • It has overload and leakage protection, green conflict protection, and can monitor the working status of system hardware and software.
- Comprehensive monitoring of status and fault conditions; • Chinese operation interface, easy to operate; • The signal machine can be connected to the rear central control platform through the same IP address network.

Performance parameters:

Model		XHJ-AN-YB-KV024D
host want control system control able	1 Yellow flash control 2	have
	Multi-period control 3	have
	Manual control 4 No	have
	cable coordination 5	have
	Pedestrian crossing function	have
	6 Network control	have
lose error loss out catch mouth	1 GPS clock 2 Pedestrian	A GPS interface
	request interface 3	There is 1 interface
	Communication interface	1 countdown RS485 interface
	4 Communication	National standard RS485 communication protocol
	protocol 5 Signal output 24 signal outputs, optional maximum expandable to 48	
	6 Network input 1	Network interface 1
special Levy Growth number	Schedule number 2	7
	Time period table	16
	number 3 Scheme number	16
	4 Stage number 5	16
	Operating temperature	-20y~70y
	6 Power input 7 Power	AC 176~264V, 48~52Hz
		y35W (without load)
	8 Storage temperature	-40y~70y
	9 Relative humidity 10	5%~95% 40y without condensation)
	Protection level	IP54
Implementation standard		GB 4943.1-2011 Road traffic signal controller



XHJ-AN-YB-KV024D

Road traffic signal controller (single-point 24-way signal controller)

Implementation standard "Road traffic signal controller"  
GB 25200-2016



## Product Brochure

Changing the light of the light panel plug-in traffic light is just like changing a light bulb

