



INNOVATION-EXCELLENCE-TRUST

UNIT SIGNAL INC

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UNIT SIGNAL INC

PRODUCT GUIDE

2021

GO

UNIT SIGNAL

INNOVATION

Products engineered with purpose, built to last ,
and innovated with a forward vision

EXCELLENCE

All products are built with materials of the highest quality
in order to ensure performance with extreme durability
and long lasting life

TRUST

Products that you know you can trust and rely on



UNIT SIGNAL INC

+ UNIT SIGNAL was established in 2014. We are the manufacturer of Public Safety Warning Products and Systems for emergency services for nearly 10 years. We specialize in exterior and interior light bars, grille strobe lights, dash lights, traffic advisors, surface mounts, hideaways, beacons, and other accessories.

With a unique combination of innovation and design capabilities, it has developed rapidly in the past few years and has become one of the fastest-growing companies in the industry. We believe that the first responders should have the best products and the best technology to ensure the safety of workers, first responders, and our community. They are also the purpose of our progress! First responders need high-quality, reliable products that can withstand any environment and that any department can afford.

From the beginning, UNIT SIGNAL has focused on providing the best solution at the best price. We strive to make UNIT SIGNAL your first choice in the market.



UNIT SIGNAL INC

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Grille & Surface Mounts



10-30V
Voltage

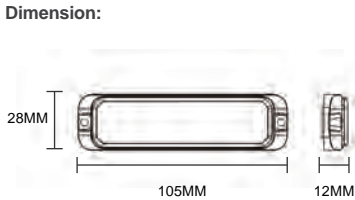
20
Flash Patterns

IP67
Waterproof

Color:

○ ● ● ● ●
● ● ● ● ● ● ●

- Features:
- Brand new CT6 light with Vertical or Horizontal Version
 - Powered by DC 10 -30V
 - Single color or Dual color available
 - 6 Pcs or 12Pcs 3W LED with thin(12mm) design
 - Aluminum base for efficient heat dissipation,UV-resistant PC
 - With gas-permeable membrane to disperse water vapor
 - 50% power steady on functions available
 - Built-in 20(single color)/25(dual color) selectable
 - flash patterns with Pattern Memory
 - Simultaneously or alternately between multiple units
 - IP-67 Standard, Weatherproof
 - Fully encapsulated for moisture, vibration and corrosion resistance
 - Long life LEDs rated to 100,000 hours of reliable operation



CT6	Voltage	LED Power	Max Power	Flash Pattern	Colour	Mount	Certifications	08
	10-30V	6PCS 3W 12PCS 3W	18W	20 25	single dual	Surface mount	/	



10-30

Voltage

12

Flash Patterns

IP67

Waterproof

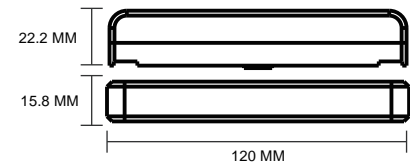
Color:



Features:

- Brand new NT6 light
- Powered by DC 10 -30V
- Single color or Dual color available
- Default with surface mount brackets and L-mount brackets
- 6 Pcs or 12Pcs 3W LED with width(15.8mm) design
- Aluminum base for efficient heat dissipation
- UV-resistant PC
- With gas-permeable membrane to disperse water vapor
- 50% power steady on functions available
- Built-in 12 selectable flash patterns with Pattern Memory
- Simultaneously or alternately between multiple units
- IP-67 Standard, Weatherproof
- Fully encapsulated for moisture
- Vibration and corrosion resistance
- Long life LEDs rated to 100,000 hours of reliable operation

Dimension:



NT6

Voltage

10-30V

LED Power

6PCS 3W
12PCS 3W

Max Power

18W

Flash Pattern

12

Colour

single
dual

Mount

surface mount,
L-bracket

Certifications

/

09





10-33
Voltage

12
Flash Patterns

IP67
Waterproof

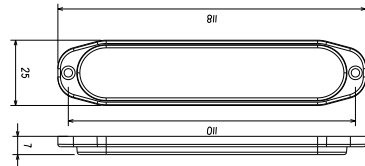
Color:



Features:

- Powered by DC 10 -33V
- 6 Pcs or 12Pcs 3W LEDs with new super thin(7mm) design
- Single color or Dual color available
- Surface mount or 3M mount or L-bracket mount or hood mount for optional choice
- Plastic of Optics lens from Degussa(GER)
- and LED Driver from MPS(UK)
- Extra steady on functions for vehicle identification or illumination.
- Built-in 12 selectable flash patterns with Pattern Memory
- Simultaneously or alternately between multiple units
- Aluminum base for efficient heat dissipation
- IP-67 Standard, Weatherproof
- Long life LEDs rated to 100,000 hours of reliable operation
- Reverse polarity protection

Dimension:



EG6

Voltage

10-33V

LED Power

3W LEDs

Max Power

18W

Flash Pattern

12

Colour

single
dual

Mount

Surface mount
3M mount
L-bracket mount
hood mount

Certifications

ECE R65 XA2&XB2
and SAE

11



10-33
Voltage

17
Flash Patterns

IP68
Waterproof

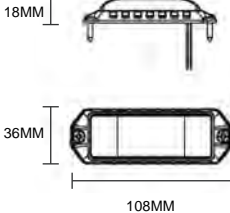
Color:



Features:

- The new version N3s, Aluminum alloy base,
- UV-resistant PC, Multifunctional wire
- Powered by 10-33V
- High intensity LED; Single or dual color are available
- 17 Flash Patterns with Pattern Memory (watch the video)
- 180° light spread model
- Synchronize to other unit signal sync products
- IP-68 Standard; a gas-permeable membrane to
- disperse water vapor - suitable for high altitude use
- Weatherproof ready for exterior mounting. (Not submersible)
- Perfect for mounting anywhere on your vehicle
- Lifespan of up to 100,000 hours

Dimension



N3

Voltage	LED Power	Max Power	Flash Pattern	Colour	Mount	Certifications
10-33V	3PCS 3W 6PCS 3W	9W 18W	17	single dual	Surface mount	/



10-33

Voltage

19

Flash Patterns

IP68

Waterproof

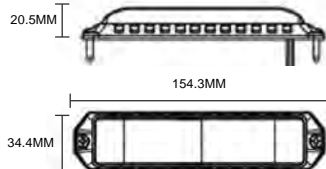
Color:



Features:

- Powered by 10-33V
- High intensity LED
- 19 Flash Patterns with Pattern Memory
- 180° light spread model
- Single color, Split color, Dual color available
- Synchronize to other unit signal sync products
- IP-68 Standard; a gas-permeable membrane
- to disperse water vapor - suitable for high altitude use
- Weatherproof ready for exterior mounting.
- Aluminum alloy base,UV-resistant PC, Multifunctional wire
- Perfect for mounting anywhere on your vehicle
- Lifespan of up to 100,000 hours

Dimension:



10-30

Voltage

19

Flash Patterns

IP67

Waterproof

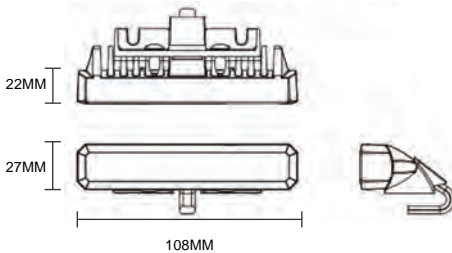
Color:



Features:

- Powered by DC 10-30V
- 6 high intensity LED with optic lenses
- Extra steady on functions for vehicle identification or illumination.
- Built-in 19 selectable flash patterns with Pattern Memory
- Super low profile discreet mounting
- Simultaneously or alternately between multiple units
- Aluminum base for efficient heat dissipation
- IP-67 Standard, Weatherproof and vibration resistant design
- Long life LEDs rated to 100,000 hours of reliable operation
- Reverse polarity protection

Dimension:





10-33

Voltage

19

Flash Patterns

IP68

Waterproof

Color:



Features:

- We use 6 LEDs in the single color version to make the light brighter.
- Aluminum alloy base,Lens PMMA, Multifunctional wire
- Powered by 10-33V
- High intensity LED; Single or dual color are available
- Flash Patterns with Pattern Memory (watch the video)
- 180° light spread model
- Synchronize to other unit signal sync products
- IP-68 Standard; a gas-permeable membrane to disperse
- water vapor - suitable for high altitude use
- Perfect for mounting on the grille, bumper,
- or dash of an emergency vehicle
- Lifespan of up to 100,000 hours

Dimension:



12-24

Voltage

16

Flash Patterns

IP67

Waterproof

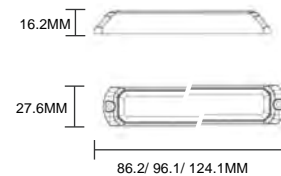
Color:



Features:

- Powered by 12-24V
- 4 high intensity LED with optic lenses
- 16 Flash Patterns with Pattern Memory (single color / split color)
- Synchronization between multiple units
- Compactly sized for versatile application
- Built in heat sink
- Black flange included for protection and stealth
- Virtually Out of Sight
- Extremely Bright--Highly Visible when ON!
- IP-67 Standard
- Weatherproof ready for exterior mounting. (Not submersible)
- Lifespan of up to 100,000 hours
- Meets or Exceeds SAE J595 Standards

Dimension:



Voltage	LED Power	Max Power	Flash Pattern	Colour	Mount	Certifications
10-33V	6PCS 3W 8PCS 3W	18W 24W	17 19	single dual	Surface mount	/

Voltage	LED Power	Max Power	Flash Pattern	Colour	Mount	Certifications
12-24V	3PCS 3W 4PCS 3W 6PCS 3W	9W 12W 18W	16	single	Surface mount	/



12-24

Voltage

16

Flash Patterns

IP67

Waterproof

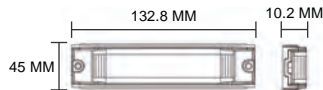
Color:



Features:

- Powered by 12-24V
- 12Pcs 3W high intensity LED
- 16 Flash Patterns with Pattern Memory
- Synchronization between multiple units
- Low-profile thickness, Compactly sized for versatile application
- Heavy-duty aluminium housing
- IP-67 Standard
- Weatherproof and vibration resistant design
- Black flange included for protection and stealth
- Lifespan of up to 100,000 hours
- Meets or Exceeds ECE R65 Standards

Dimension:



LightBars & Minibars



Voltage	LED Power	Max Power	Flash Pattern	Colour	Mount	Certifications
12-24V	12PCS 3W	36W	16	R B A W G	Surface mount	ECE R65 XA1



Matrix Lightbar

The Matrix lightbar is the first Trio-color LED warning lightbar on the market today, and offers universal gutter brackets and controller.



10-30
Voltage

15
Flash Patterns

IP67
Waterproof

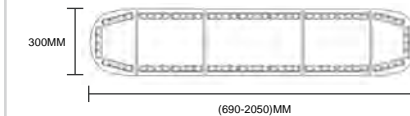
Color:



Features:

- First Trio-color LED warning lightbar on the market
- Powered by 10-30V
- High intensity 1W or 3W Super bright LED
- Energy saving, low consumption, environmental protection
- 15 available flash patterns with Pattern Memory
- 360° High-Intensity Versatile, Multi-Purpose Light Bar
- LED take-down and alley lights
- Arrow stick directions: right, left, center out
- Lifespan of up to 100,000 hours
- IP67 Waterproof Exterior Light bar
- Includes 4m of cable with controller(on/off and mode) provided
- Gutter Mount available
- Meets or Exceeds ECE R65 TA1, ECE R65 TB1, ECE R10

Dimension:



Matrix

Voltage	LED Power	Max Power	Flash Pattern	Colour	Mount	Certifications
10-30V	3W LEDs	/	15	single dual trio	Magnet mount Gutter Mount	ECE R65 TA1 ECE R65 TB1 ECE R10



Mavic Lightbar

The Mavic LED Full Size Light Bar features 1-watt or 3-watt high intensity Super bright LEDs with built-in ultra bright take downs and alleys. Universal gutter brackets and controller included for easy installation & use.



Surface Mounts **LightBars** Dash & Deck & Visor Traffic Advisors Hideaway Beacons Perimeter Lights Sirens & Speakers



10-30
Voltage

16
Flash Patterns

IP67
Waterproof

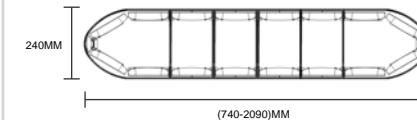
Color:



Features:

- Powered by 10-30V
- High intensity 1W or 3W Super bright Generation III LED
- 16 available flash patterns with Pattern Memory
- 360° High-Intensity Versatile, Multi-Purpose Light Bar
- LED take-down and alley lights
- Arrow stick directions: right, left, center out
- Lifespan of up to 100,000 hours
- IP67 Waterproof Exterior Light bar
- Optional Control Box available for purchase
- Includes 4m of cable with controller provided
- Magnet mount or Gutter Mount
- Meets or Exceeds ECE R65 TB1, ECE R65 TA1, ECE R10

Dimension:



Mavic

Voltage	LED Power	Max Power	Flash Pattern	Colour	Mount	Certifications
10-30V	135 PCS 3W	/	16	R B A W	Magnet mount Gutter Mount	ECE R65 TB1 ECE R65 TA1 ECE R10

Maxus Lightbar

Red/Blue/Black/Clear/Amber lens available for the Maxus lightbar. Choose from Single or Dual or Trio-color version.



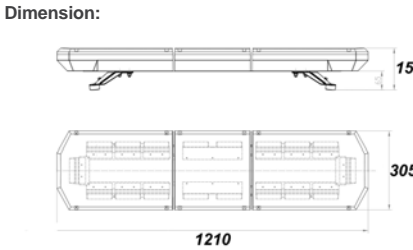
12-24
Voltage

15
Flash Patterns

IP67
Waterproof



- Features:
- Single or Dual or Trio-color LED warning lightbar
 - Powered by 12-24V
 - High intensity 3W Super bright LED
 - Red/Blue/Black/Clear/Amber lens available
 - Energy saving,environmental protection
 - 15 available flash patterns with Pattern Memory
 - 360° High-Intensity Versatile, Multi-Purpose Light Bar
 - Take-down, alley lights, arrow lights available
 - Lifespan of up to 100,000 hours
 - IP67 Waterproof Exterior Light bar
 - Includes 4m of cable with controller(on/off and mode) provided
 - Default Gutter Mount available



Maxus

Voltage	LED Power	Max Power	Flash Pattern	Colour	Mount	Certifications
12-24V	3W LEDs	/	15	single dual trio	Magnet mount Gutter Mount	/



ET30 Minibar

The 12inch ET30 LED Mini Light Bar is a compact lightbar designed with 30pcs 3-watt LEDs and 12 available flash patterns.



Surface Mounts **LightBars** Dash & Deck & Visor Traffic Advisors Hideaway Beacons Perimeter Lights Sirens & Speakers



12-30
Voltage

12
Flash Patterns

IP67
Waterproof

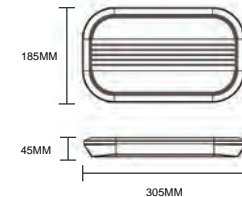
Color:



Features:

- Powered by 12-30V
- 30Pcs 3-Watt LEDs
- 12 Flash Patterns with Pattern Memory
- Lifespan of up to 100,000 hours
- 360°High-Intensity Illumination
- Includes 2.8m of cable from light bar to cigarette plug
- Weather-proof housing
- Includes Magnetic-Mounting or screw, Easy Installation
- Robust and Solid

Dimension:



ET30

Voltage

12-30V

LED Power

30PCS 3W

Max Power

90W

Flash Pattern

12

Colour

single and split

Mount

Magnet mount
Screw mount

Certifications

/



12-30
Voltage

12
Flash Patterns

IP67
Waterproof

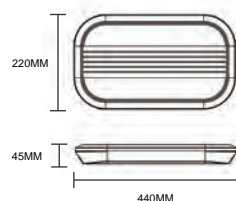
Color:



Features:

- Powered by 12-30V
- 60Pcs 3-Watt LEDs
- 12 Flash Patterns with Pattern Memory
- Lifespan of up to 100,000 hours
- 360°High-Intensity Illumination
- Includes 2.8m of cable from light bar to cigarette plug
- Weather-proof housing
- Includes Magnetic-Mounting or screw, Easy Installation
- Robust and Solid

Dimension:



12-30
Voltage

15
Flash Patterns

IP67
Waterproof

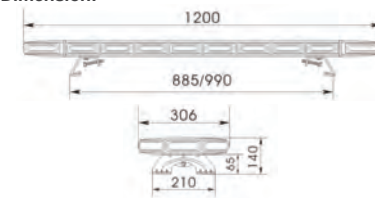
Color:



Features:

- Single or Dual or Trio-color LED warning lightbar
- Powered by 10-30V
- High intensity 3W Super bright LED
- Aluminium and UV-resistant PC
- Silver-white or Black color housing available
- Red/Blue/Clear/Amber lens available
- 15 available flash patterns with Pattern Memory
- 360° High-Intensity Versatile, Multi-Purpose Light Bar
- Customized Take-down, alley lights, arrow lights function
- Lifespan of up to 100,000 hours
- IP67 Waterproof Exterior Light bar
- Includes 4m of cable with controller(on/off and mode) provided
- Default Gutter Mount or Permanent mount

Dimension:





10-30
Voltage

15
Flash Patterns

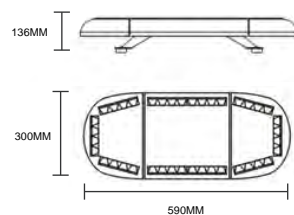
IP67
Waterproof



Features:

- Single or Dual color available
- Powered by 10-30V
- High intensity 1W or 3W Super bright LED
- Magent mount
- Feet covered with rubber protector
- 15 available flash patterns with Pattern Memory
- 360° High-Intensity Versatile, Multi-Purpose Light Bar
- IP67 Waterproof Exterior Light bar
- Includes 4m of cable with controller provided
- Optional controller for purchase
- Meets or Exceeds ECE R65 TA1, ECE R65 TB1, ECE R10

Dimension:



12-24
Voltage

15
Flash Patterns

IP67
Waterproof

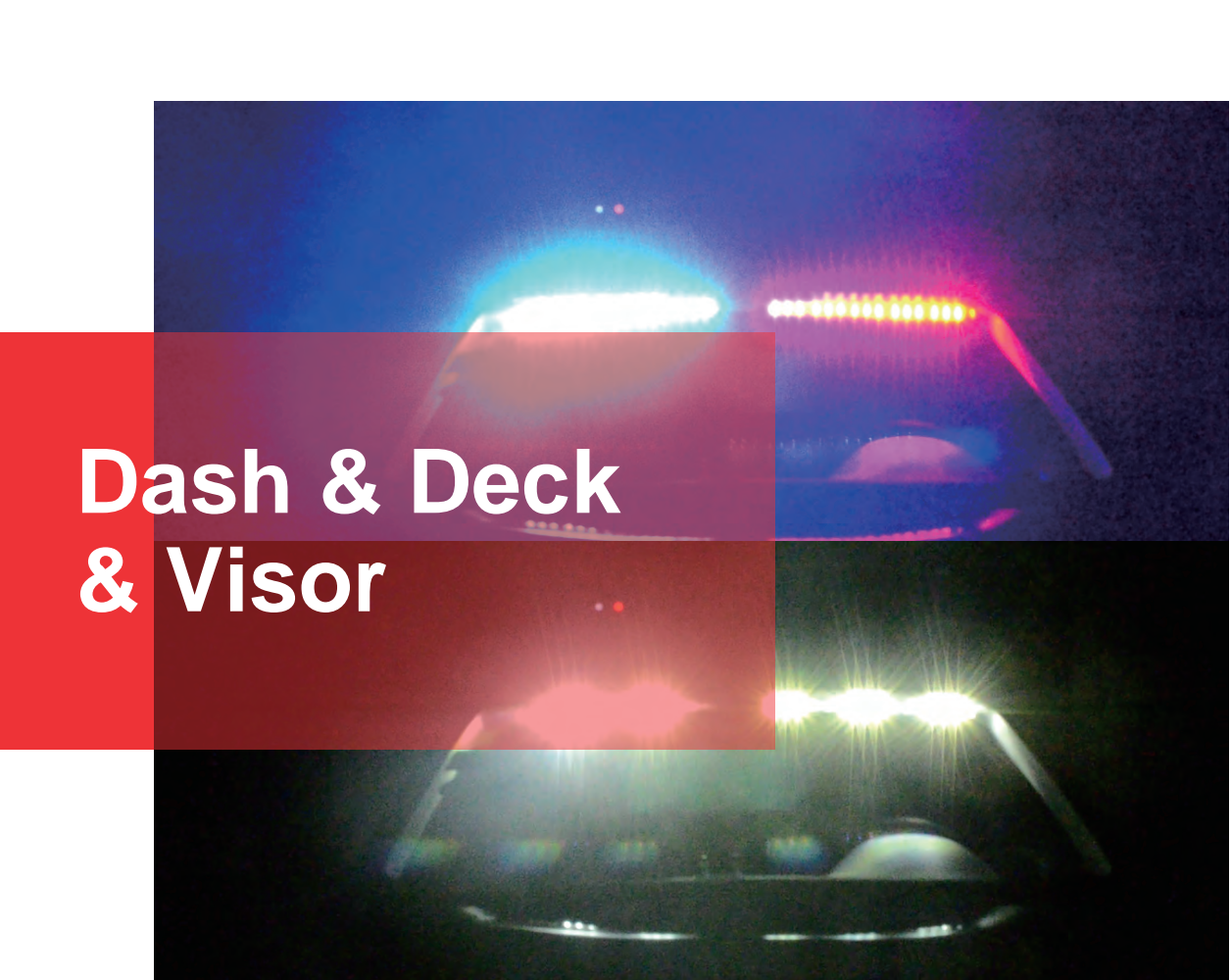


Features:

- Powered by 12-24V
- 56PCS 3-Watt LEDs
- Amber/Red/Blue/Clear color housing available
- Magent mount
- Feet covered with rubber protector
- 15 available flash patterns with Pattern Memory
- 360° High-Intensity Versatile, Multi-Purpose Light Bar
- IP67 Waterproof Exterior Light bar
- Includes 4m of cable with controller(on/off and mode) provided

Dimension:





Dash & Deck & Visor



10-33
Voltage

20or16
Flash Patterns

IP67
Waterproof



- Features:
- DE6 dash light uses the EG6 modules and accessories.
 - It can be easily mounted to vehicle's Front/Rear windshield.
 - Compliant with ECE R65 and SAE certificated
 - Powered by DC 10 -33V
 - 6 Pcs or 12Pcs or 18Pcs 3W LEDs
 - Single color or Dual color or Trio color available
 - Built-in 20 selectable flash patterns for single color version
 - 16 for dual and Trio color version
 - Pattern Memory available
 - Simultaneously or alternately between multiple units
 - IP-67 Standard, Weatherproof
 - Long life LEDs rated to 100,000 hours of reliable operation
 - Reverse polarity protection

DE6

Voltage	LED Power	Max Power	Flash Pattern	Colour	Mount	Certifications
DC 10-33V	3W LEDs	18W	20 or 16	single dual trio	3M mount Velcro mount	ECE R65 and SAE



12

Voltage

41

Flash Patterns

/

Waterproof

Color:

Features:

- Powered by 12V
- Single or Split or Dual color available
- 60Pcs GENIII 3-Watt LEDs
- (30) 3-Watt Colored LEDs - (30) 3-Watt Takedown LEDs
- 41 flash patterns
- Default cigar plug with on/off & flash pattern
- Flash pattern memory
- Sleek, durable housing
- Includes universal brackets

Included in the Box:

- VX10 visor light bar
- Default cigar plug
- Universal visor mount brackets
- 3m of cable with cigarette plug provided
- Half: 450mm L x 105mm W x 30mm H



VX10 LED Visor Light

Dual Color available

60Pcs 3-Watt LEDs

Universal mount brackets

Voltage	LED Power	Max Power	Flash Pattern	Colour	Mount	Certifications
12V	30PCS 3W 60PCS 3W	90W	11 41	single or split dual	Brackets mount	/



12
Voltage

17
Flash Patterns

/
Waterproof

Color:



Features:

- Dual color dash lights
- Powered by 12V
- 3PCS 3-watt high intensity LED
- 17 Flash Patterns with Pattern Memory
- 4 suction cups for stabilized mounting
- Synchronization between multiple units
- Lifespan of up to 100,000 hours
- Cigarette plug with On/Off switch and flash pattern changer
- DX3: 115mm L x 100mm W x 60mm H
- DX6: 200mmL * 100mmW * 60mmH



Traffic Advisors



DX3
DX6

Voltage

12V

LED Power

6PCS 3W
12PCS 3W

Max Power

9W
18W

Flash Pattern

17

Colour

dual

Mount

Suction cup

Certifications

/

37



10-30

Voltage

59

Flash Patterns

IP67

Waterproof

Color:

Features:

- Powered by DC 10-30V
- Features dual color mode with super bright Takedown
- The flood option allows you to use the light as a courtesy light when opening your door for additional visibility
- and can be dimmed by 50%
- (96) 3 Watt LEDs with TIR lens
- Sleek and low-profile with a high light intensity
- 59 Flash Patterns with Pattern Memory
- Waterproof for Exterior Mounting
- Lifespan of up to 100,000 hours
- Includes Brackets, additional screws and 4m cable
- Rugged Aluminum Housing

Dimension:

- 1220/1500/1800*45*41mm



12-24

Voltage

19

Flash Patterns

IP67

Waterproof

Color:

Features:

- Powered by 12VDC or 12-24VDC
- TIR or LIN lens are available
- (8) 3 Watt Generation IV LEDs
- 16 Flash Patterns with Pattern Memory
- 3 Selectable directional flash patterns
- Powerful, Compact Light Bar/ Sleek, durable casing
- Waterproof for Exterior Mounting, IP67
- Lifespan of up to 100,000 hours
- Includes Brackets and 10ft cable
- Optional cigarette plug with on/off & flash pattern controls
- Optional Controller Box available for purchase

Dimension:

- 250/490/730/970mm L x 65mm W x 46.5mm H

Voltage	LED Power	Max Power	Flash Pattern	Colour	Mount	Certifications
10-30V	96PCS 3W	144W	59	single or split color with white color takedown	bracket mount	/

Voltage	LED Power	Max Power	Flash Pattern	Colour	Mount	Certifications
12-24V	8PCS 3W 16PCS 3W 24PCS 3W 32PCS 3W	24W 48W 72W 96W	19	Single and dual	Brackets mount	/



12-24

Voltage

16

Flash Patterns

IP67

Waterproof

Color:



Features:

- Powered by 12VDC or 12-24VDC
- TIR or LIN lens are available
- (8) 3 Watt Generation IV LEDs
- 16 Flash Patterns with Pattern Memory
- 3 Selectable directional flash patterns
- Powerful, Compact Light Bar/ Sleek, durable casing
- Waterproof for Exterior Mounting, IP67
- Lifespan of up to 100,000 hours
- Includes Brackets and 10ft cable
- Optional cigarette plug with on/off & flash pattern controls
- Optional Controller Box available for purchase

Dimension:

- 250/490/730/970/120.5mm L x 65mm W x 46.5mm H

Hideaway Light



	Voltage	LED Power	Max Power	Flash Pattern	Colour	Mount	Certifications
LA-2 LA-4 LA-6 LA-8	12-24V	12PCS 3W 24PCS 3W 36PCS 3W 48 PCS 3W	36W 72W 108W 144W	16	Single and dual	Brackets mount	/



10-33

Voltage

12

Flash Patterns

IP67

Waterproof

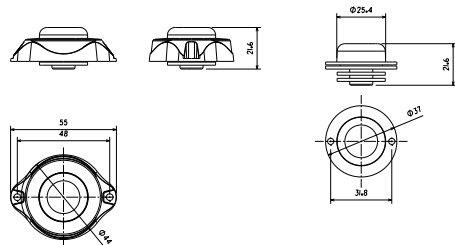
Color:



Features:

- Powered by 10-33V
- 8Pcs 3-watt high intensity LEDs
- Single color or Dual color available
- 12 Flash Patterns with Pattern Memory
- Plastic of Optics lens from Degussa(GER) and LED Driver from MPS(UK)
- New design of Aluminum base increase heat dissipation
- Easy to install for surface or internal mount within head light, tail light
- Lifespan of up to 100,000 hours
- Easily replaces traditional hideaway strobe with existing 1" hole

Dimension:



10-30

Voltage

19

Flash Patterns

IP67

Waterproof

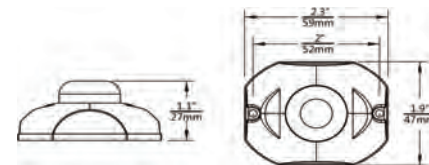
Color:



Features:

- Powered by 10-30V
- Each unit consists of 12Pcs 3-watt high intensity LEDs
- 19 Flash Patterns with Pattern Memory
- Good for surface or internal mount within head light, tail light, and various setups on personal emergency vehicles
- Lifespan of up to 100,000 hours
- 100% Waterproof
- Easily replaces traditional hideaway strobe with existing 1" hole

Dimension:



Beacon



12
Voltage

84
Flash Patterns

IP67
Waterproof



- Features:
- First trio color beacon in the market
 - Powered by 12V
 - 18Pcs high intensity LEDs
 - Single or Dual or Trio color available
 - 7 modes provide(color1, color2, color3, color1&2, color1&3, color2&3, color1&2&3)
 - IP67 waterproof designed
 - 84 Available Flash Patterns
 - Permanent mount, Magnet mount, Clear lens available
 - Lifespan of up to 100,000 hours
 - UV stabilized lens resists fading

Dimension:

- Φ 145mm* Φ 110mm*125mmH



TB18

Voltage	LED Power	Max Power	Flash Pattern	Colour	Mount	Certifications
12V	18PCS 1W	6W	84	single dual trio	Permanent mount / Magnet mount	



10-30

Voltage

22

Flash Patterns

IP67

Waterproof

Color:



Features:

- Powered by 10-30V
- 18Pcs high intensity GenIII LEDs
- distributed on the nine surfaces
- IP67 waterproof designed
- 22 Available Flash Patterns(include rotation flash mode)
- Luminous flux > 540lm
- Optional Magnetic and Permanent mount
- Amber/Red/Blue/Clear lens available
- Lifespan of up to 100,000 hours
- UV stabilized lens resists fading

Dimension:

- Φ 153mm*83mmH



10-30

Voltage

8

Flash Patterns

IP67

Waterproof

Color:



Features:

- Energy-saving beacon light
- Powered by 10-30V
- 12Pcs high intensity LEDs.
- Amber and Red lens available
- IP67 Double waterproof designed
- 8 Available Flash Patterns(including rotating)
- Max output of 0.52 Amps
- Optional Magnetic and Permanent mount
- 2.8m of cable with cigarette plug provided
- Lifespan of up to 100,000 hours
- UV stabilized lens resists fading,
- strong tooth structure and stylish design

Dimension:

- Φ 80mm*60mm*165mmH



Voltage	LED Power	Max Power	Flash Pattern	Colour
10-30V	18PCS 1W	18W	22	R B A W

Mount	Certifications
Permanent mount / Magnet mount	

Voltage	LED Power	Max Power	Flash Pattern	Colour
10-30V	12PCS 1W	12W	8	Amber and Red

Mount	Certifications
Permanent mount / Magnet mount	



10-30

Voltage

10

Flash Patterns

IP67

Waterproof

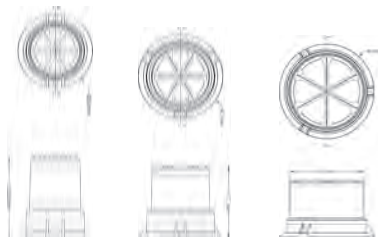
Color:



Features:

- Powered by 10-30V
- Lumin: 640LM
- Each unit consists of 16 high intensity LEDs.
- IP67 rated weather-proof housing.
- 10 Available Flash Patterns
- Max output of 2 Amps
- Optional Permanent mount
- Synchronization between multiple units
- Lifespan of up to 100,000 hoursUV-resistant PC
- Meets or Exceeds SAE J845 Standards

Dimension:



12-24

Voltage

12

Flash Patterns

IP67

Waterproof

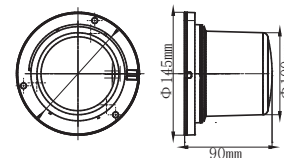
Color:



Features:

- Economical beacon
- Powered by 12-24V
- Each unit consists of 24high intensity LEDs.
- IP67 rated weather-proof housing (not submersible).
- 12 Available Flash Patterns
- Max output of 2 Amps
- Optional magnetic mount with cigarette
- plug model or Permanent mount
- Lifespan of up to 100,000 hours
- UV stabilized lens resists fading

Dimension:



	Voltage	LED Power	Max Power	Flash Pattern	Colour	Mount	Certifications
SF16 SF24 SF40	10-30V	16PCS 1W 24PCS 1W 40PCS 1W	16W 24W 40W	10	Amber	Permanent mount Single point mount	/

Voltage	LED Power	Max Power	Flash Pattern	Colour	Mount	Certifications
12-24V	24PCS 1W	24W	12	Amber	Permanent mount Magnet mount	/

Perimeter Lights



- Surface Mounts
- LightBars
- Dash & Deck & Visor
- Traffic Advisors
- Hideaway
- Beacons
- Perimeter Lights**
- Sirens & Speakers



12/24
Voltage

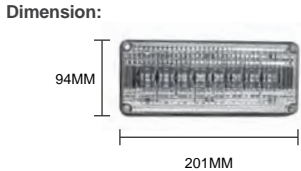
18
Flash Patterns

IP67
Waterproof

Color:

☐ ☒ ☐ ☐

- Features:
- LED technology provides better lighting
 - with far less amperage than halogen
 - Voltage 12 or 24 VDC
 - 8 High power 3-watt LEDs
 - Provides 180° light spread
 - Available with up to 18 flash patterns
 - Single Colors or Split Color available
 - Amber, Red, Blue or Clear Lenses available
 - Easy to Install or Retrofit
 - Weather and vibration resistant
 - Covered with rubber protector
 - Synchronization between Multiple modules
 - Includes chrome beze



PC8

Voltage	LED Power	Max Power	Flash Pattern	Colour	Mount	Certifications
12V or 24V	8PCS 3W	24W	18	single or split	Surface mount	/



12/24

Voltage

18

Flash Patterns

IP67

Waterproof

Color:



Features:

- LED technology provides better lighting
- with far less amperage than halogen
- Voltage 12 or 24 VDC
- 16 High power 3-watt LEDs
- Available with up to 18 flash patterns
- Single Colors or Split Color available
- Amber, Red, Blue or Clear Lenses available
- Easy to Install or Retrofit
- Covered with rubber protector
- Weather and vibration resistant
- Synchronization between Multiple modules
- Includes chrome bezel

Dimension:



12/24

Voltage

18

Flash Patterns

IP67

Waterproof

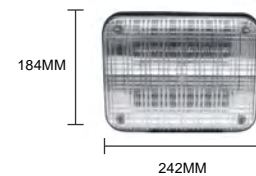
Color:



Features:

- LED technology provides better lighting
- with far less amperage than halogen
- Voltage 12 or 24 VDC
- 16 High power 3-watt LEDs
- Provides 180°light spread
- Available with up to 18 flash patterns
- Single Colors or Split Color available
- Amber, Red, Blue or Clear Lenses available
- Easy to Install or Retrofit
- Covered with rubber protector
- Weather and vibration resistant
- Synchronization between Multiple modules

Dimension:





12/24
Voltage

4
Flash Patterns

IP67
Waterproof

Color:



Features:

- Voltage 12 or 24 VDC
- 44 High power 0.5-watt LEDs
- Provides 180°light spread
- 4 selectable flash patterns
- Amber, Red, Blue or Clear Lenses available
- Easy to Install or Retrofit
- Weather and vibration resistant
- Covered with rubber protector
- Synchronization between Multiple modules
- Includes chrome bezel

Dimension:



12/24
Voltage

4
Flash Patterns

IP67
Waterproof

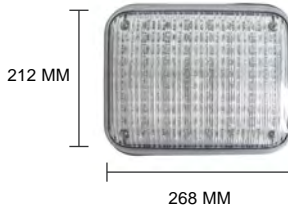
Color:



Features:

- Voltage 12 or 24 VDC
- 134 High power 0.5-watt LEDs
- 4 selectable flash patterns
- Amber, Red, Blue or Clear Lenses available
- Easy to Install or Retrofit
- Covered with rubber protector
- Weather and vibration resistant
- Synchronization between Multiple modules
- Includes chrome bezel

Dimension:





12-24

Voltage

/

Flash Patterns

IP67

Waterproof

Color:



Features:

- 4 Inch Round Chrome plated Tail Light
- Truck and trailer LED lighting with STT(stop/turn/tail) functions
- Flash function available
- Powered by DC 12-24V
- 14Pcs+16Pcs 0.4W LEDs
- Amber/Red/White lens available
- IP67 Waterproof PC Lens, Shock Proof, Dust Proof
- Easy to install in all locations
- Test Each Item and 100% Ensure In Good Condition Before Shipped
- 5 wires(Red: Halo+Middle Part; Blue: Middle Part; White: Halo; Yellow: Flash; Black: GND)

Dimension:



10-30

Voltage

/

Flash Patterns

IP67

Waterproof

Color:



Features:

- 3/4" Round Mini Side Marker Light
- Compliant with DOT SAE P2P3 20 certificated
- Powered by DC 10-30V
- 3 Pcs 0.2W LED
- Amber/Blue/Red/Clear lens available
- Waterproof PC Lens, Shock Proof, Dust Proof
- Rubber Cover Sealed
- Easy to install in all locations : Side/ Front/ Rear
- Test Each Item and 100% Ensure In Good Condition Before Shipped

Dimension:



Sirens & Speakers



12/24 120-130 8Ω/11Ω
Voltage Sound Impedance

- Features:
- It conform to national standrad GB8108-1999.
 - Special super-thin design, harmonious with inner decoration.
 - Case is all metal PAINTED black enamel.
 - Adjustable metal chrome plated swing bracket, provided.
 - Novelty structure, attractive design, excellent, excellent performance, complete function, convenient operation.
 - Monolithic Integrated circuit in steadier performance.
 - Volume of amplifier tone and warning tone are adjusted are your option.
 - With two light controllers.



CJB-100CD

Voltage	Sound	Max Power	Output	Impedance	Accessories	Tone
12/24V	120-130dB	100W	2 output group Each MAX 8A	8Ω/11Ω	Bracket,Fuse, Wires	Siren, wail-2, tool, yelp, hi-lo, wail-1, horn



12/24

Voltage

120-130

Sound

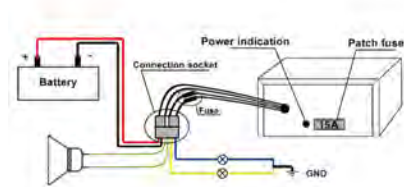
8Ω/11Ω

Impedance

Features:

- Meet SAE J1849 and CA Title 13 requirements
- Handhold mike, with controller
- Monolithic integrated circuit in steadier performance
- With two lights controllers
- Dimensions: 7.6" L x 6.1" W x 3.8" H
- Tone: Siren, manual, wail, yelp, hi-lo, horn, radio
- Unique and scientific design, perfect function,
- convenience for operation, safely and reliably
- Design and produced in accordance with GB standard character
- 15 Amp fuse, Mounting Bracket, Wires

Instruction:



12/24

Voltage

116-118

Sound

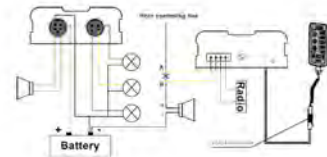
8Ω/11Ω

Impedance

Features:

- Meet SAE J1849 and CA Title 13 requirements
- Handhold controller
- Monolithic integrated circuit in steadier performance
- Function: aux, yelp, hi-lo, wail-1, wail-2,
- siren, horn, super-siren, yelp relay, tool
- Dimensions: 7.8" L x 4.3" W x 1.9" H
- Tone: police, fire fighting, wrecker,
- project, ambulacne, guest siren
- Unique and scientific design, perfect function,
- convenience for operation, safely and reliably
- Design and produced in accordance with GB standard character
- Additional functions of two sets switched
- of light control in the panel
- Bulid in LED display, sound amplifying

Instruction:



CJB

-100AD

Voltage	Sound	Max Power	Output	Impedance
12/24V	120-130dB	100W	2 output group Each MAX 8A	8Ω/11Ω

Accessories	Tone
Bracket Fuse Wires	Siren,manual wail,yelp,hi-lo horn,radio

CJB

-100RD

Voltage	Sound	Max Power	Output	Impedance
12/24V	116-118dB	100W	3 output group Each MAX 15A	8Ω/11Ω

Accessories	Tone
/	Polic, fire fighting wrecker, project, ambulance, guest



10-14

Voltage

120-130

Sound

4Ω

impedance

Features:

- Meet GB 8108-1999 “electronic siren for vehicle”
- Remote controller
- Pretty appearance,advanced structure and complete function
- Dimensions: AMP: 225 x 108 x 51mm;
- Controller: 105 x 53 x 19mm
- Siren is exothermic, should be install at a ventilated palce
- Controller should be put at a place that easy for user
- to pick up and away from air bag restraint system



12V

Voltage

120-130

Sound

8Ω/11Ω

Impedance

Features:

- 100W speaker
- Black ABS plastic shell and High quality Aluminum alloy
- Dimensions: 18.8*16.2*8.7mm
- Set in one package : 6





12V

Voltage

120-130

Sound

8Ω/11Ω

Impedance

Features:

- 100W speaker
- High quality Aluminum alloy
- Dimensions: 145*125*52mm
- Set in one package : 6



12V

Voltage

120-130

Sound

8Ω/11Ω

Impedance

Features:

- 100W speaker
- ABS plastic shell and High quality Aluminum alloy
- Set in one package : 6
- Impedance: 4/6/8/11ohm





S801 80W Speaker




S802 80W Speaker



S2001 200W Speaker



S2002 200W Speaker



S20012 200W Speaker



S30 30W Speaker



C12 100W Speaker



B12 100W Speaker



A2 100W Speaker

Speaker

	Voltage	Sound	Max Power	Impedance	Frequency	Distortion	Dimensions
S801	12V	120-130dB	80W	16Ω	400-4000Hz	/	/
S802	12V	120-130dB	80W	16Ω	400-4000Hz	/	/
S2001	12V	120-130dB	200W	4Ω	400-4000Hz	/	/
S2002	12V	120-130dB	200W	4Ω	400-4000Hz	/	/
S20012	12V	118-125dB	200W	4Ω	300-5000Hz	/	/

Speaker

	Voltage	Sound	Max Power	Impedance	Frequency	Distortion	Dimensions
S30	12V	120-130dB	30W	17Ω	400-4000Hz	/	/
C12	12V	115-122dB	100W	8Ω/11Ω	400-4000Hz	/	/
B12	12V	115-122dB	100W	8Ω/11Ω	400-4000Hz	/	/
A2	12V	120-130dB	100W	8Ω/11Ω	400-4000Hz	/	/

SPECIFICATIONS

Description



Item	CT6	EG6	N3	N6	KL6	B4
LED Power	6/12Pcs 3W LEDs	3W LEDs	3PCS 3W / 6PCS 3W	6PCS 3W	6PCS 3W	8PCS 3W
Lens	/	Fresnel	Fresnel lens	Fresnel lens	TIR	TIR
LED Lifespan	100000H	100000H	100000H	100000H	100000H	100000H
Flash pattern	20/25	12	17	19	16	19
Input voltage	10-33V	10-33V	10-33V	10-33V	10-30V	10-33V
Max Power	18W	18W	9W	18W	18W	12W
Colour Available	single and dual	single or dual	single or dual	single or dual	R W A B	single or dual
Ambient temperature	-30--+70°C	-30--+70°C	-30--+70°C	-30--+70°C	-30--+70°C	-30--+70°C
Waterproof	IP67	IP67	IP68	IP68	IP67	IP68
Product Dimension	105mm L x 28mm W x 12mm H	118mm L x 25mm W x 7mm H	108mm L x 36mm W x 18mm H	185mm L x 36mm W x 18mm H	108mm L x 27mm W x 22mm H	115mm L x 30.5mm W x 15.2mm H
Mounting	Surface mount	surface mount/L-bracket /3M/hood mount	Surface mount	Surface mount	Hood mount	Surface mount
Certifications	/	/	/	/	/	/
Wire	4 core	5 core	4 core	4 core	4 core	4 core
Cable length	20cm	20cm	20cm	20cm	20cm	20cm
Material	Aluminum alloy base UV-resistant PC	Aluminum alloy base UV-resistant PC	Aluminum alloy base UV-resistant PC	Aluminum alloy base UV-resistant PC	Aluminum alloy base UV-resistant PC	Aluminum alloy base Lens PMMA



M3	M4	M6	NT6	Z12	DX3	DX6
3PCS 3W	4PCS 3W	6PCS 3W	6/12PCS 3W	12PCS 3W	3PCS 3W	6PCS 3W
TIR	TIR	TIR	TIR	/	Fresnel lens	Fresnel lens
100000H	100000H	100000H	100000H	100000H	100000H	100000H
16	16	16	12	16	17	17
12-24V	12-24V	12-24V	10-30V	12-24V	12V	12V
9W	12W	18W	18W	36W	9W	18W
R W A G B	R W A G B and split color	R W A G B and split color	Single and Dual	R W A G B	R B A W G and dual color	R B A W G and dual color
-30--+70°C	-30--+70°C	-30--+70°C	-30--+70°C	-30--+70°C	-30--+70°C	-30--+70°C
IP67	IP67	IP67	IP67	IP67	/	/
86.2mm L x 27.6mm W x 16.2mm H	96.1mm L x 27.6mm W x 16.2mm H	94.8mm L x 34.4mm W x 20.5mm H	120mmLx 22.2mmW x 15.8mm H	132.8mmLx45mmW x 10.2mm H	115mm L x 100mm W x 55mm H	200mmL x 100mmW x 60mmH
Surface mount	Surface mount	Surface mount	Surface mount/L-brackets	Surface mount	Suction cup mount	Suction cup mount
/	/	/	/	ECE R65 XA1	/	/
5 core	5 core	5 core	4 core	1 pos, 1 Neg, 1 sync, 1 pattern,1 alt	/	/
20cm	20cm	20cm	20cm	20cm	2.5m of cable with cigarette plug provided	2.5m of cable with cigarette plug provided
Aluminum alloy base	Aluminum alloy base	Aluminum alloy base	Aluminum alloy base UV-resistant PC	Aluminum alloy base UV-resistant PC	Aluminum housing Lens PMMA	Aluminum housing Lens PMMA

SPECIFICATIONS

Description









Item	Maxus	Mistra	Mavic	Matrix
LED Power	3W LEDs	3W LEDs	3W LEDs	3W LEDs
Lens	Red/Blue/Black/Clear/Amber	Black/Silver-white	Blue/Clear/Amber/Black	Red/Blue/Clear/Amber/Black
LED Lifespan	100000H	100000H	100000H	100000H
Flash pattern	15	15	16	16
Input voltage	12-24V	10-30V	10-30V	10-30V
Max Power	/	/	/	/
Colour Available	single or dual or trio color	R W A G B	R W A G B	single or dual or trio color
Ambient temperatur	-30--+70°C	-30--+70°C	-30--+70°C	-30--+70°C
Waterproof	IP67	IP67	IP67	IP67
Product Dimension	900/1210/1515mm L x 305mm W x 155mm H	1200/1400mm L x 306mm W x 140mm H	(740-2090)mm L x 240mm W x 138mm H	(690-2050)mm L x 300mm W x 136mm H
Mounting	Magnet mount or Gutter Mount	Gutter mount or permanent mount	Magnet mount or Gutter Mount	Magnet mount or Gutter Mount
Certifications	/	/	ECE R65 TA1,TB1, ECE R10	ECE R65 TA1,TB1, ECE R10
Wire	/	/	/	/
Cable length	4m of cable with controller provided	4m of cable with controller provided	4m of cable with controller provided	4m of cable with controller provided
Material	UV-resistant PC	Aluminium and UV-resistant PC	UV-resistant PC	UV-resistant PC



Matrix mini	ET30	ET60	Maxus mini	TD-8
40pcs 3W	30PCS 3W	60PCS 3W	56PCS 3W	96PCS 3W
TIR	/	/	Red/Blue/Amber/Clear	TIR
100000H	100000H	100000H	100000H	100000H
15	12	12	15	59
10-30V	12-30V	12-30V	12-24V	10-30V
120W	90W	180W	168W	144
single or dual or trio color	R W A G B	R W A G B	R W A G B or combo color	single or split color with white color takedown
-30--+70°C	-30--+70°C	-30--+70°C	-30--+70°C	-30--+70°C
IP67	IP67	IP67	IP67	IP67
590mm L x 300mm W x 136mm H	305mm L x 185mm W x 45mm H	440mm L x 220mm W x 45mm H	600mm L x 300mm W x 54mm H	1220/1500/1800mm L x 45mm W x 41mm H
Magnet mount	Magnet mount,Or Screw	Magnet mount,Or Screw	Magnet mount	Brackets mount
ECE R65 TA1,TB1, ECE R10	/	/	/	/
/	/	/	/	/
4m of cable with controller provided	2.8m of cable with cigarette plug provided	2.8m of cable with cigarette plug provided	4m of cable with cigarette plug provided	4m
UV-resistant PC	UV-resistant PC	UV-resistant PC	UV-resistant PC	Aluminum alloy base,UV-resistant PC

SPECIFICATIONS

Description					
Item	VX10	DA8	U1200	U1200 eco	PC8
LED Power	60PCS 3W	8PCS 3W	12PCS 3W	8PCS 3W	8PCS 3W
Lens	Fresnel lens	/	/	/	Amber/Red/Clear/Blue
LED Lifespan	100000H	100000H	100000H	100000H	100000H
Flash pattern	41	12	19	19	18
Input voltage	12V	10-33V	10-30V	10-30V	DC12V or DC24V
Max Power	90W	24W	36W	24W	24W
Colour Available	single or split or dual color	Single or dual color	Single or dual color	Single or dual color	Single color or split
Ambient temperature	-30--+70°C	-30--+70°C	-30--+70°C	-30--+70°C	/
Waterproof	/	IP67	IP67	IP67	IP67
Product Dimension	Half:450mm L x 105mm W x 30mm H	ø 55mm x 21.6mm H	ø 36mm x 20mm H	ø 36mm x 20mm H	201mm L x 94mm W x 40mm H
Mounting	Brackets mount	Surface mount or Internal mount	Surface mount	Surface mount	Surface mount
Certifications	/	/	/	/	/
Wire	/	4 core / 5 core	4 core	4 core	3 core
Cable length	3m of cable with cigarette plug provided	20CM	20CM	20CM	20cm
Material	Aluminum alloy	Aluminum alloy base UV-resistant PC	Aluminum alloy base UV-resistant PC	Aluminum alloy base UV-resistant PC	Aluminum alloy base UV-resistant PC

					
PC16	PL16	PC44	PC134	Halo 30	D3
16PCS 3W	16PCS 3W	44PCS 0.5W	134PCS 0.5W	30PCS 0.4W	3PCS 0.2W
Amber/Red/Clear/Blue	Amber/Red/Clear/Blue	Amber/Red/Clear/Blue	Amber/Red/Clear/Blue	Amber/Red/White	Amber/Red/Clear/Blue
100000H	100000H	100000H	100000H	500000H	500000H
18	18	4	4	/	/
DC12V or DC24V	DC12V or DC24V	DC12V or DC24V	DC12V or DC24V	DC12-24V	DC10-30V
48W	48W	22W	67W	12W	0.6W
Single color or split	Single color or split	Single color	Single color	Single color	Single color
/	/	/	/	/	/
IP67	IP67	IP67	IP67	IP67	IP67
268mm L x 212mm W x 55mm H	242mm L x 184mm W x 50mm H	201mm L x 294mm W x 40mm H	268mm L x 212mm W x 55mm H	4 inch	3/4 inch
Surface mount	Surface mount	Surface mount	Surface mount	Surface mount	Surface mount
/	/	/	/	/	DOT SAE P2P3 20
3 core	3 core	3 core	3 core	5 core	2 core
20cm	20cm	20cm	20cm	20cm	20cm
Aluminum alloy base UV-resistant PC	Aluminum alloy base UV-resistant PC	Aluminum alloy base UV-resistant PC	Aluminum alloy base UV-resistant PC	UV-resistant PC	UV-resistant PC



+ WHAT MAKES US UNIQUE

UNIT SIGNAL was established in 2014. We are the manufacturer of Public Safety Warning Products and Systems for emergency services. We believe that the first responders should have the best products and the best technology to ensure the safety of workers, first responders, and our community.

+ Design & Engineering

UNIT SIGNAL believes that the key to continued growth and success is through continuous product development, combined with excellent customer service, low delivery times, competitive prices, and product reliability. We can custom design and manufacture LED warning lights according to customer specifications and other requirements.

+ Electronics Manufacturing

One-stop electronic manufacturing: purchase of components, the supply of circuit substrates, design and application of built-in electronic equipment, manufacturing, assembly, and testing. We provide a full range of quality control and technical services.

+ Quality Control & Testing

We use an intelligent production system to monitor all production links in real-time, and do strict quality control testing, which greatly improves production efficiency and shortens the delivery time.

+ Delivery Policy

If the product is in stock, it can usually be shipped within 24 hours, small orders are usually shipped within 5-7 days. We try our best to provide customers with an experience beyond expectations, and usually send orders before the forecast date to ensure customer satisfaction.

+ Customer Service

We stand behind all our products and offer a 2-5 years warranty on our merchandise, which is provided directly by us. We test all our products in real environments and industry-standard testing facilities. Customer satisfaction has always been our top priority. Each of our customers will receive the greatest care and respect. Our customers make us.

+ Best selection

Focus on providing the best solution at the best price. We strive to make UNIT SIGNAL your first choice in the market.

Unit Signal dedicates to achieve mutual development and concentrates on supplying reliable, beautifully-crafted, well-functioned and economical LED warning lights.



we are always looking for new partners to help our products reach the customers and we are committed to creating and delivering the latest and greatest products that fulfills the needs of our customers.

INNOVATION - EXCELLENCE - TRUST



UNIT SIGNAL INC