

NE-24

LED Dome Signal Light



LED



IP65

Ø57

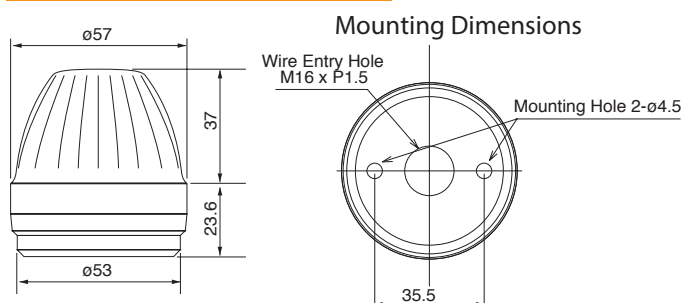
NPN/PNP
Open-collector

NE Series LED Dome Indicator Light;
The dome-shaped globe provides increased visibility while the LEDs provide years of maintenance-free operation.

FEATURES

- Enhanced Illumination with the use of long-life, super bright LEDs.
- Low power consumption increases energy efficiency.
- High vibration-resistance and unnecessary bulb replacement makes it maintenance-free.
- Uses a terminal block for easy wiring.
- Applications are suitable for small tooling machines, control panels, etc.
- Available colors are in Red, Amber, Green, Blue, and Clear/White.
- Has the CE mark and conforms to the requirements for the EC directive.

Dimensions (Unit: mm)



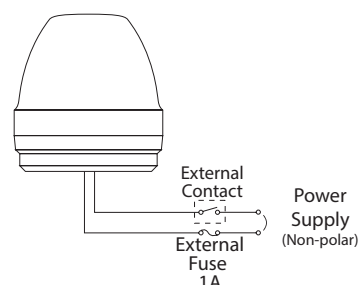
How to Order

NE-24 - 	
Model	Color
Rated Voltage	R: Red
24: DC 24V	Y: Amber
	G: Green
	B: Blue
	C: Clear/White

Specifications

Model	Color	Rated Voltage	Power Consumption	Operating Temperature Range	Mass
NE-24-R	RED	DC 24V	0.63W	-30 C - +50 C	55g
NE-24-Y	AMBER		0.56W		
NE-24-G	GREEN		0.53W		
NE-24-B	BLUE		0.53W		
NE-24-C	CLEAR/WHITE		0.45W		

Wiring



KHE

LED Multi-signal Light



Optional Rubber Gasket SZ-200A



LED

IP55 with SZ-200A

Ø100

**NPN/PNP
Open-collector**

KHE features three flashing patterns for diverse applications.

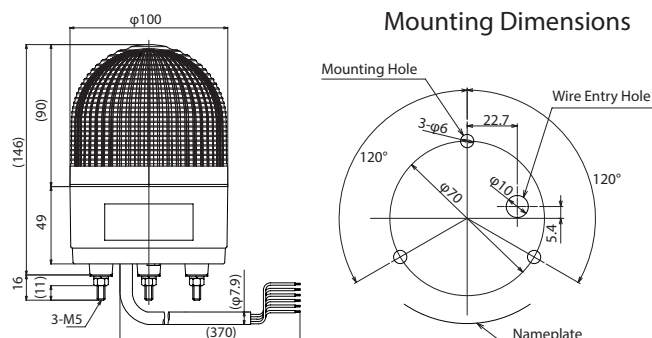
FEATURES

- Super-bright long life LED's used for three signaling patterns that simulate rotation, strobe, and blinking.
- Enhanced Illumination with the use of long-life, super bright LEDs.
- No motor or bulb replacement makes it Maintenance-free.
- Low power consumption increases energy efficiency.
- Indoor installation can be upright, inverted or sideways; Outdoors is for upright only.
- Available colors are in Red, Amber, Green, and Blue.
- Has the CE mark and conforms to the requirements for the EC directive.
- Is UL Listed (File No. E215660).

AVAILABLE BY SPECIAL ORDER

- Body Color: Silver

Dimensions (Unit: mm)



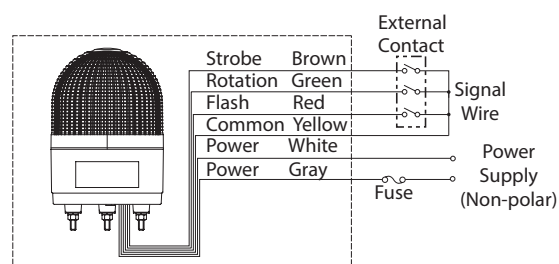
Specifications

Model	Color	Rated Voltage	Power Consumption	Flash Patterns			Mass
				Flash	Rotation	Strobe	
KHE-24	RED	DC 24V	8.2W	55 ±10% fpm	175 ±10% fpm	75 ±10% fpm (double-flash)	450g
	AMBER		10.1W				
	GREEN		21.6W				
	BLUE						

How to Order

KHE- 24 -		-Z
Model		Dome
		None: Colored
		Z: Clear
Rated Voltage		Color
24: DC 24V		R: Red
		Y: Amber
		G: Green
		B: Blue

Wiring



PEW-A/PES-A



Multi-speed Flashing Signal Light



(24V Only)

LED

1 Alarm Sound (PEW-B)

85dB at 1m (PEW-B)

IP55*
Ø82
**NPN
Open-collector**


PEW-A

PES-A



Optional Rubber Gasket SZ-210

* PEW-A: IP54 (IP23 with side-wire exit mounting)

* PES-A: IP55 with the optional rubber gasket SZ-210 (IP23 without SZ-210).

Dome shape LED Signal Light featuring enhanced visibility and maintenance-free operation.

FEATURES

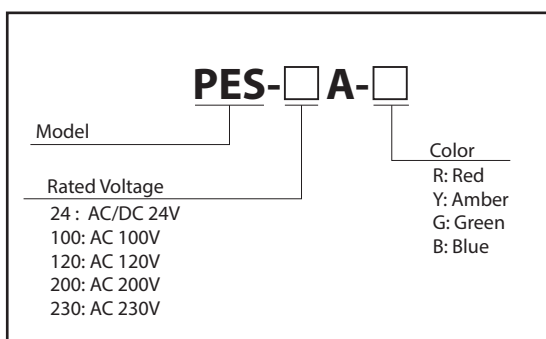
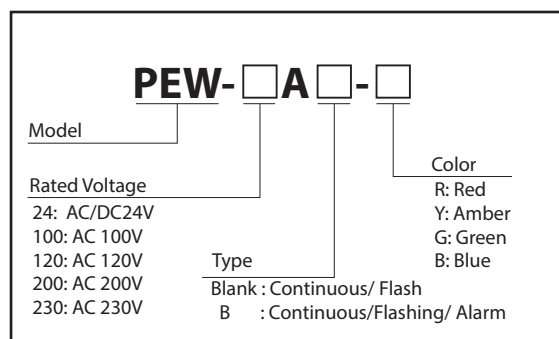
- Has maintenance-free LED's that consume nearly half the power incandescent bulb models (AC100V/200V) do.
- Newly-developed triple-reflection system for enhanced visibility and low power consumption.
- PEW-B type has a built-in adjustable audible alarm with a volume of up to 85dB (at 1m).
- Indoor installation can be upright, inverted or sideways; Outdoors is for upright only.
- The PES is rated for IP55 with the optional rubber gasket SZ-210 (IP23 without SZ-210).
- Has the CE mark and conforms to the requirements for the EC directive. (for 24V type)
- Is a UL Recognized Component (File No. E215660, for 24V, 120V, 230V types only).
- Dome is made of superior weather resistant and light translucent acrylic resin.
- Three flashing patterns of 60/120/180 fpm, switch selectable.
- The PEW is rated for IP54 (IP23 with side-wire exit mounting)
- Available colors are in Red, Amber, Green, and Blue.

AVAILABLE BY SPECIAL ORDER

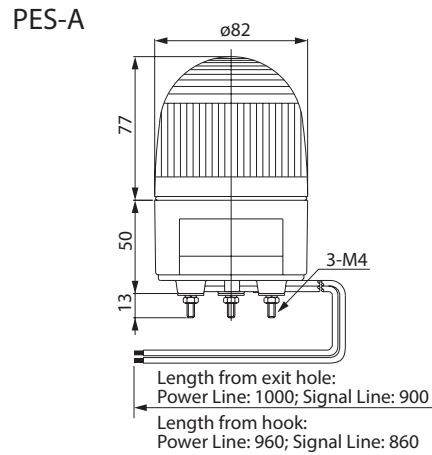
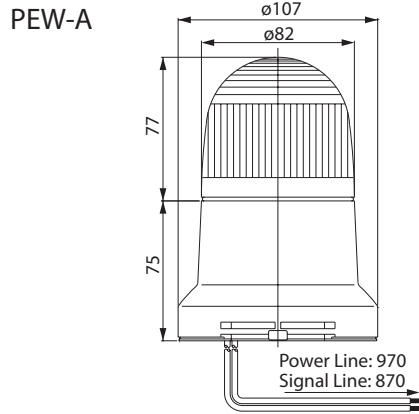
- Body Color: Silver
- IP65: PEW type only



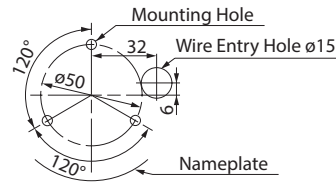
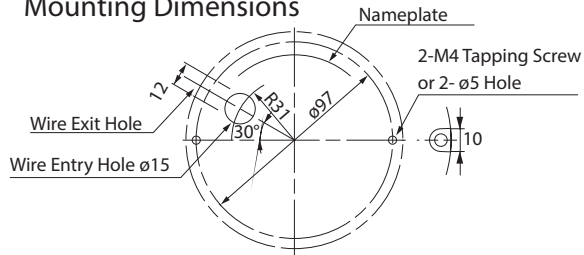
How to Order



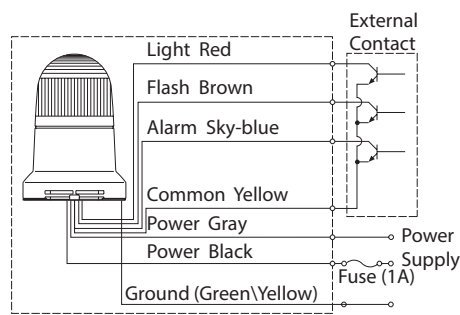
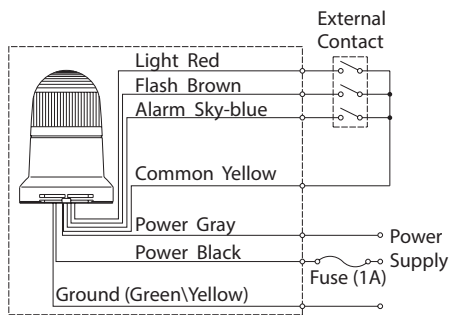
Dimensions (Unit: mm)



Mounting Dimensions



Wiring



- * All Models have the same wiring
- * Sky-blue signal wire is for buzzer type only
- * Ground wire is added for high-voltage types only

Specifications

Model	Color	Rated Voltage	Power Consumption	Inrush Current	Mass
PEW-24A	R/Y	AC/DC 24V	1.2W	2.5A	320g
	G/B		1.5W		
PEW-24AB	R/Y	AC/DC 24V	2.2W	2.5A	340g
	G/B		2.5W		
PEW-100A	R/Y	AC 100V	2.8W	1.0A	520g
	G/B		3.3W		
PEW-100AB	R/Y	AC 100V	5.3W	1.0A	540g
	G/B		5.8W		
PEW-120A	R/Y	AC 120V	3.0W	1.0A	520g
	G/B		3.5W		
PEW-120AB	R/Y	AC 120V	5.7W	1.0A	540g
	G/B		6.2W		
PEW-200A	R/Y	AC 200V	2.5W	0.5A	520g
	G/B		3.2W		
PEW-200AB	R/Y	AC 200V	4.9W	0.5A	540g
	G/B		5.6W		
PEW-230A	R/Y	AC 230V	3.1W	0.5A	520g
	G/B		3.8W		
PEW-230AB	R/Y	AC 230V	5.9W	0.5A	540g
	G/B		6.4W		

Model	Color	Rated Voltage	Power Consumption	Inrush Current	Mass
PES-24A	R/Y	AC/DC 24V	1.2W	2.5A	240g
	G/B		1.5W		
PES-100A	R/Y	AC 100V	4.2W	1.0A	430g
	G/B		4.7W		
PES-120A	R/Y	AC 120V	4.4W	1.0A	430g
	G/B		4.9W		
PES-200A	R/Y	AC 200V	4.0W	0.5A	430g
	G/B		4.7W		
PES-230A	R/Y	AC 230V	4.6W	0.5A	430g
	G/B		5.3W		

KPE-A

Flashing/Rotating Light

LED



IP23

Ø162



Revolving Warning Light featuring maintenance-free LED's, Corrosion-proof plastic and adjustable flashing cycles.

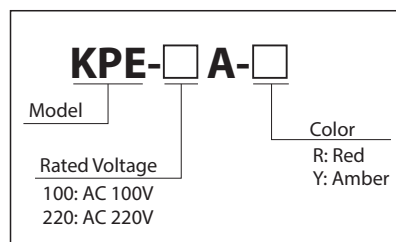
FEATURES

- Enhanced design with special high-intensity illumination to improve light diffusion and ensure sufficient brightness, even outdoors.
- Internally adjustable flashing cycle between 50 and 200 times per minute.
- Extended long-life with LEDs so no bulb replacement is needed, perfect for "hard-to-service" locations.
- Indoor installation can be upright, inverted or sideways; Outdoors is for upright only.
- With an electronic rotating light system, no worn-out motors to replace.
- Main body is made of special weather-resistant resin.
- Dome is made from superior weather-resistant and light translucent acrylic resin.
- Stainless mounting bolts with corrosion-proof screws.
- Available Colors are Red and Amber.

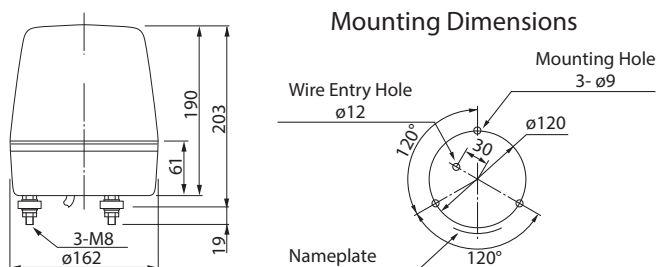
Specifications

Model	Rated Voltage	Power Consumption	Flash Rate	Mass
KPE-100A	AC 100V	Continuous: 4W Flashing: 9W	50 - 200 rpm 60 fpm	1.5kg
KPE-220A	AC 220V			

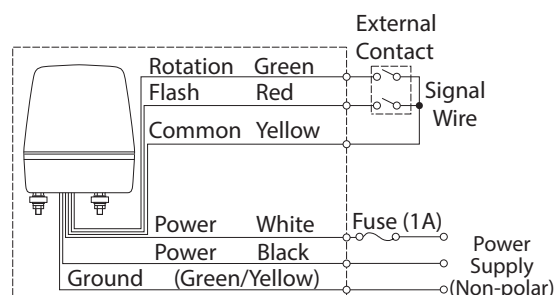
How to Order



Dimensions (Unit: mm)



Wiring



PSE

LED Signal Light



LED

IP55 with SZ-210

Ø82



Optional Rubber Gasket SZ-210

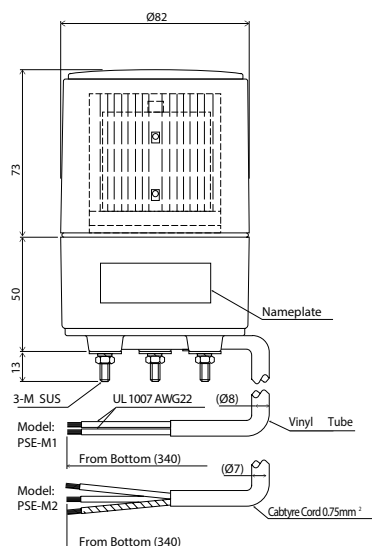


New LED flashing beacon! Can outlast a conventional Xenon lamp and is available in four LED Colors.

FEATURES

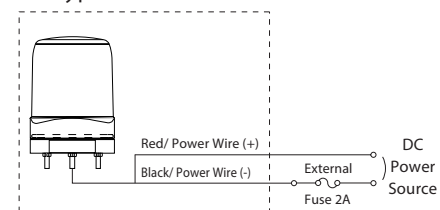
- Has maintenance-free LED's that consume nearly half the power incandescent bulb models do.
- The PSE is rated for IP55 with the optional rubber gasket SZ-210 (IP23 without SZ-210).
- Has the CE mark and conforms to the requirements for the EC directive.
- Three flashing patterns of 110 fpm ($\pm 10\%$).

Dimensions (Unit: mm)

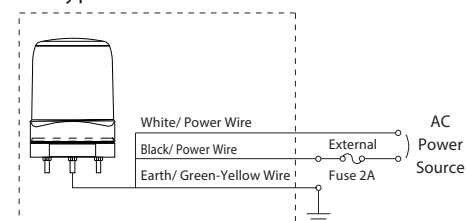


Wiring

M1 Type



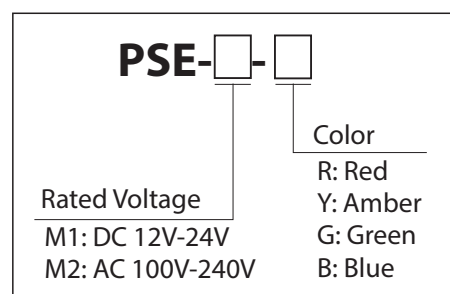
M2 Type



Specifications

Model	PSE-M1	PSE-M2
Rated Voltage	DC 12V - 24V	AC 100V-240V
Power Consumption	3.0W	3.2W
Maximum Operating Ambient Temperature	60°C	
Protection Rating	IP23	
Mounting Location	Indoor or Outdoor Use	
Flash Rate	110 $\pm$ 10rpm (Triple-flash)	
Mass	0.30kg	0.35kg

How to Order



LFH

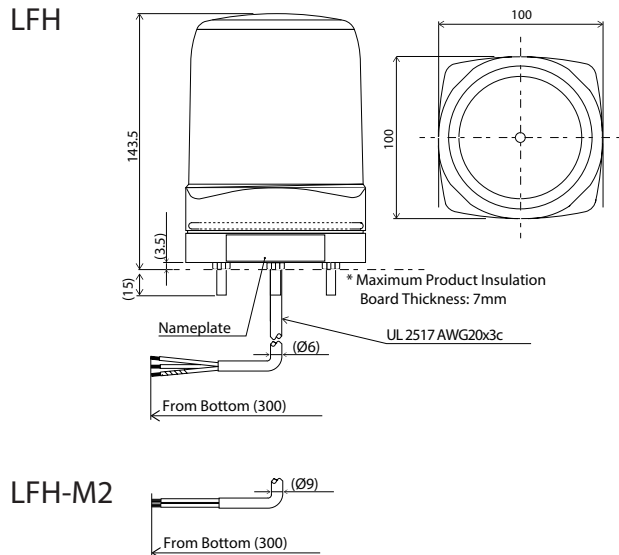
LED Signal Light


LED

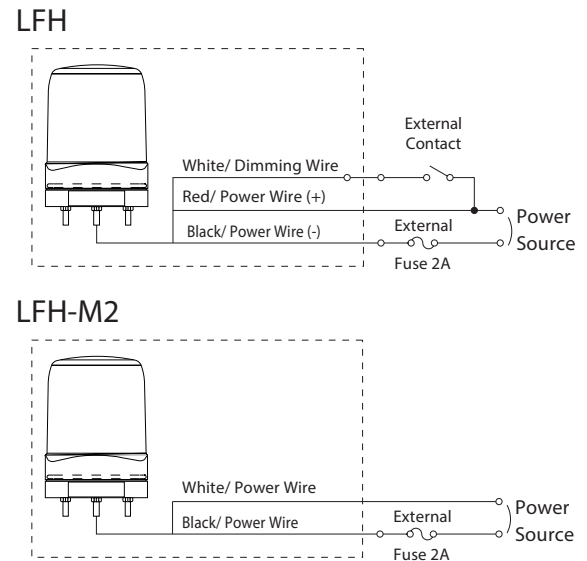
IP66
Ø100


New LED flashing beacon! Available in five outdoor visible LED Colors and has UL certification.

Dimensions (Unit: mm)



Wiring

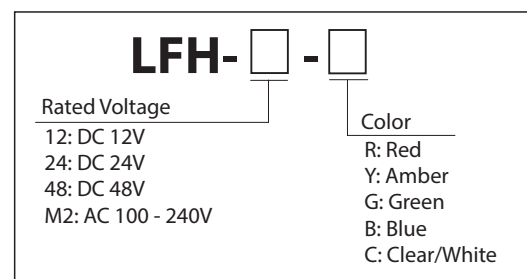


Specifications

Model	LFH-12	LFH-24	LFH-48	LFH-M2
Rated Voltage	DC 12V	DC 24V	DC 48V	AC 100 - 240V
Current Consumption (max)	0.50A	0.23A	0.18A	0.12A
Operating Ambient Temperature Range	-30°C to +70°C			-20°C to +60°C
Protection Rating	IP66			
Mounting Location	Indoor or Outdoor Use			
Flash Rate	110 ±10fpm (Triple-flash)			
Certifications	UL, CE ^{*1} , RoHS, FCC			
Mass	0.57kg			0.61kg

*1 LFH-48 not CE certified.

How to Order



LFK-S

LED Signal Light



LED

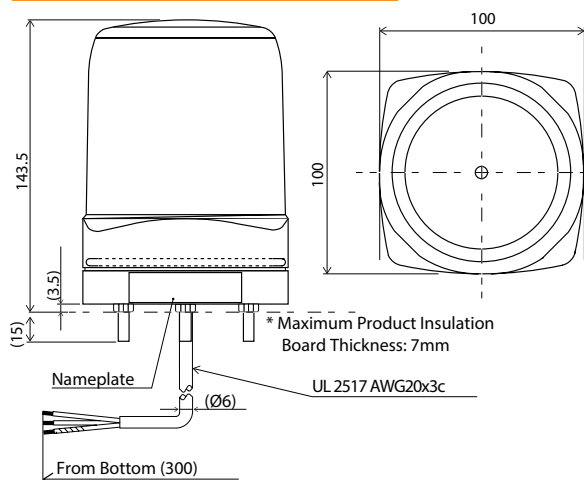
IP55

Ø100

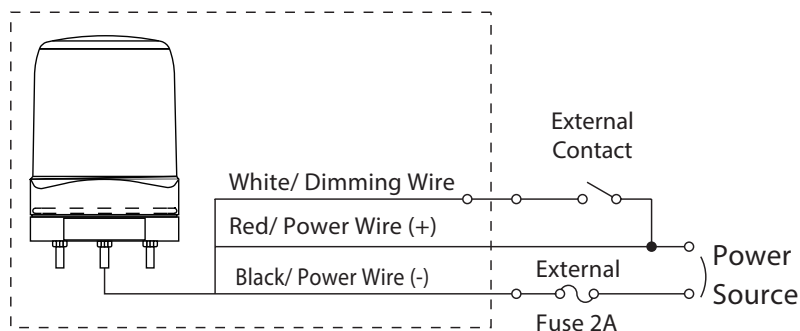


New LED flashing beacon! So bright, it has a dimming input.

Dimensions (Unit: mm)



Wiring



Specifications

Model	LFK-12S	LFK-24S	LFK-48S
Rated Voltage	DC 12V	DC 24V	DC 48V
Current Consumption (max)	0.49A	0.23A	0.17A
Operating Ambient Temperature Range	-20°C to +60°C		
Protection Rating	IP55		
Mounting Location	Indoor or Outdoor Use		
Flash Rate	140 ±14fpm (Triple-flash)		
Certifications	CE ^{*1} , RoHS, ECE		
Mass	0.5kg		

*1 LFK-48 not CE certified.

How to Order

LFK- S - 	
Rated Voltage	Color
12: DC 12V	R: Red
24: DC 24V	Y: Amber
48: DC 48V	G: Green
	B: Blue
	C: Clear/White

XPE

LED Signal Light



LED



IP23

Ø162



New LED flashing beacon! Available in four LED Colors.

FEATURES

- Long-lasting LED's greatly reduce maintenance costs.
- Indoors allows upright, inverted, and sideways installation; outdoors allows upright installation only.
- Main Body is made of impact and heat-resistant ABS resin.
- Dome lens is made of superior weather-resistant and light-translucent AS resin.
- Available Colors are Red, Amber, Green, and Blue.
- CE Compliant
- RoHS Compliant (DC 12V and DC 24V Type).

Specifications

Model	XPE-12	XPE-24	XPE-M2
Rated Voltage	DC 12V	DC 24V	AC 100 - 230V
Voltage Range	DC 9.5-15V	DC 20 - 30V	AC 90 - 250V
Current Consumption	0.50A	0.23A	0.12A (at 100VAC)
Operating Ambient Temperature	-30°C to +70°C		-20°C to +60°C
Protection Rating	IP23		
Mounting Location	Indoor or Outdoor Use		
Flash Rate	110 ±10fpm (Triple-flash Pattern)		
Certifications	RoHS		

How to Order

XPE- -

Rated Voltage

12: DC 12V
24: DC 24V
M2: AC 100 - 230V

Color

R: Red
Y: Amber
G: Green
B: Blue



XME

LED Signal Light


LED
IP23
Ø187

New Large Sized LED flashing beacon! Available in three LED Colors.

FEATURES

- Extended product lifespan by using LED lights.
- Indoors allows upright, inverted, and sideways installation; outdoors allows upright installation only.
- Main body is made of a melamine baked finish with a corrosion-proof stainless steel (SUS 304) lens mounting fixture.
- Dome lens is made of superior weather-resistant and light-translucent AS resin.
- Mounting Bolts are drip-proof and made of rust-free stainless steel.
- Available Colors are Red, Amber, and Blue.
- CE Compliant
- RoHS Compliant (DC 12V and DC 24V Type).

Specifications

Model	XME-12	XME-24	XME-M2
Rated Voltage	DC 12V	DC 24V	AC 100 - 230V
Voltage Range	DC 9.5-15V	DC 20 - 28V	AC 90 - 250V
Current Consumption	0.50A	0.23A	0.12A (at 100VAC)
Operating Ambient Temperature	-30°C to +70°C		-20°C to +60°C
Protection Rating	IP23		
Mounting Location	Indoor or Outdoor Use		
Flash Rate	110 ±10fpm (Triple-flash Pattern)		
Certifications	RoHS		

How to Order

XME-

Rated Voltage

12: DC 12V
24: DC 24V
M2: AC100 - 230V

Color

R: Red
Y: Amber
B: Blue