Safetek
Fire Fighting & Safety Equipments

EMERGENCY LIGHTING

2025 NEW CATALOGUE

Safetek
Fire Fighting & Safety Equipments

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Europe&Middle East

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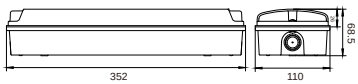
EMERGENCY BULKHEAD

BY-Z2145U&BY-Z2145U-T

Features

- Super bright&Long Lasting LEDs
- Universal AC input voltage from 120-277VAC
- DCD & UL Approved
- 3 Hour Emergency Duration
- IP65 High Protection Level
- Surface & Recessed Mounting (Accessory include)
- Exit Sticker available (Optional)

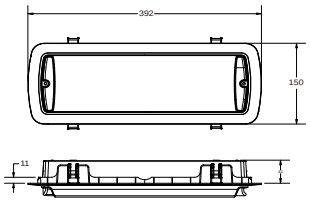
Product Size



Unit:mm

Different directions(customizable pattern)

Recessed mount kit Dimensions



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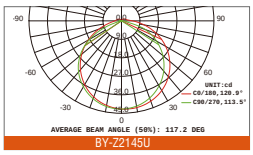
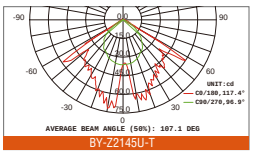
Light Distribution Curve





Product parameters

Model name	BY-Z2145U	BY-Z2145U-T
Input Voltage	AC120-277V,AC/50-60Hz,0.07A	AC120-277V AC/50-60Hz/0.07A
Light Source	SMD 2835 (27pcs)	SMD 2835 (27pcs)
Input Power	5W	5W
Emergency Power	1.3W	1.3W
Operation Mode	Maintained / Non-Maintained	Maintained / Non-Maintained
Emergency Duration	180 Minutes	180 Minutes
Emergency Luminance Flux	130LM	150LM
Recharge Time	24 Hrs	24 Hrs
Battery	Ni-Cd 3.6V, 1500mAh	Ni-Cd 3.6V, 1500mAh
Battery Life	Up to 4 years	Up to 4 years
Operation Temp Range	0 ℃ -40 ℃	0 ℃ -40 ℃
IP Rating	IP65	IP65
Auto Test	No	No

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CE DAMP 150LM LED IP65 0-40℃

EMERGENCY BULKHEAD

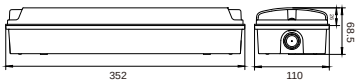
BY-Z2445E&BY-Z2445E-T&BY-Z2645E&BY-Z2645E-T
BY-Z2345E3-T&BY-Z2445E3-T&BY-Z2410E

Features

- Super bright&Long Lasting LEDs
- CE Approved
- 3 Hour Emergency Duration
- IP65 High Protection Level
- Surface & Recessed Mounting (Accessory include)
- Exit Sticker available (Optional)

Different directions(customizable pattern)

Product Size



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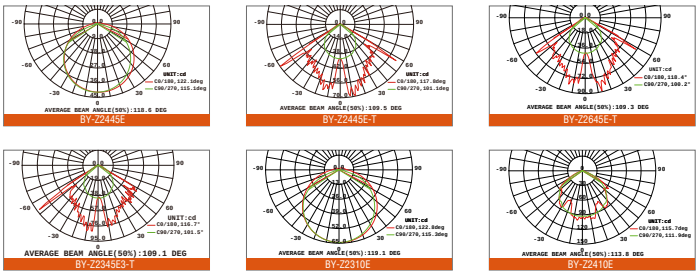
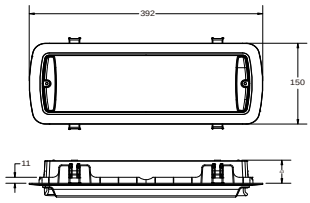
Light Distribution Curve



Recessed mount kit Dimensions



Unit:mm

Product parameters

Model name	BY-Z2445E	BY-Z2445E-T	BY-Z2645E	BY-Z2645E-T	BY-Z2345E3-T	BY-Z2445E3-T	BY-Z2410E
Input Voltage	AC220-240V, AC/50-60Hz	AC220-240V, AC/50-60Hz	AC220-240V, AC/50-60Hz	AC220-240V, AC/50-60Hz	AC220-240V, AC/50-60Hz	AC220-240V, AC/50-60Hz	AC120-277V, AC/50-60Hz
Light Source	SMD 2835 (27pcs)	SMD 2835 (27pcs)	SMD 2835 (27pcs)	SMD 2835 (27pcs)	SMD 2835 (27pcs)	SMD 2835 (50pcs)	SMD 2835 (50pcs)
Input Power	5W	5W	3.5W	3.5W	3.5W	8.5W	8.5W
Emergency Power	1.3W	1.3W	1.3W	1.3W	1.3W	2W	2W
Operation Mode	Maintained/ Non-Maintained	Maintained/ Non-Maintained	Maintained/ Non-Maintained	Maintained/ Non-Maintained	Maintained/ Non-Maintained	Maintained/ Non-Maintained	Maintained/ Non-Maintained
Emergency Duration	180 Minutes	180 Minutes	180 Minutes	180 Minutes	180 Minutes	180 Minutes	180 Minutes
Emergency Luminance Flux	≥130lm	≥150lm	≥130lm	≥150lm	≥150lm	≥200lm	≥250lm
Recharge Time	24 Hrs	24 Hrs	24 Hrs	24 Hrs	24 Hrs	24 Hrs	24 Hrs
Battery	Ni-Cd 3.6V, 1500mAh	Ni-Cd 3.6V, 1500mAh	Lithium 3.7V, 1500mAh	Lithium 3.7V, 1500mAh	LiFePO4 3.2V, 1500mAh	Ni-Cd 3.6V, 2000mAh	Ni-Cd 3.6V, 2000mAh
Battery Life	Up to 4 years	Up to 4 years	Up to 4 years	Up to 4 years	Up to 4 years	Up to 4 years	Up to 4 years
Operation Temp Range	0 ℃ -40 ℃	0 ℃ -40 ℃	0 ℃ -40 ℃	0 ℃ -40 ℃	0 ℃ -40 ℃	0 ℃ -40 ℃	0 ℃ -40 ℃
IP Rating	IP65	IP65	IP65	IP65	IP65	IP65	IP65
Auto Test	No	No	No	No	Yes	No	No

BY-Z2445E&BY-Z2445E-T&BY-Z2645E&BY-Z2645E-T&BY-Z2345E3-T&BY-Z2445E3-T&BY-Z2410E

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EMERGENCY DOWN LIGHT

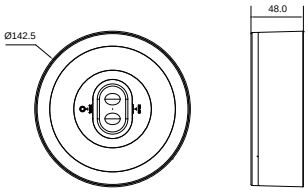
BY-T1006E1

CE TÜV SUD DAMP 300LM LED IP20 0-40°C

Features

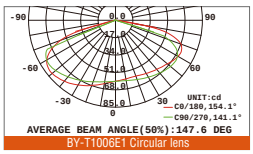
- Super bright LEDs
- Surface/Recessed Mounting available
- Two lens (Open area & Corridor Lens)
- 300LM High output
- TUV CE Approved

Product Size

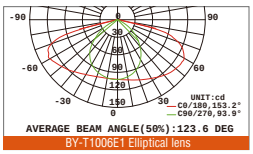


Unit:mm

Light Distribution Curve



BY-T1006E1 Circular lens



BY-T1006E1 Elliptical lens

Product parameters

Model name	BY-T1006E1
Input Voltage	AC 220-240V,50/60Hz
Light Source	SMD3535 (2pcs)
Input Power	6W
Emergency Power	3W
Operation Mode	Non-Maintained
Emergency Duration	150 Minutes
Emergency Luminance Flux	300lm
Recharge Time	24 Hrs
Battery	/
Battery Life	Lithium 3.7V, 2200mAh
Operation Temp Range	0 ℃ -40 ℃
IP Rating	IP20
Auto Test	Yes

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EMERGENCY DOWN LIGHT

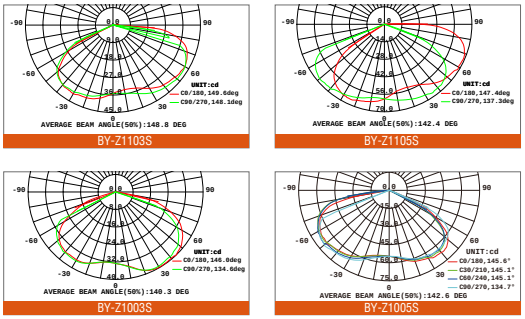
CE TÜV SUD 150LM/200LM LED IP20 0-40℃

BY-Z1103S&BY-Z1105S&BY-Z1003S&BY-Z1005S

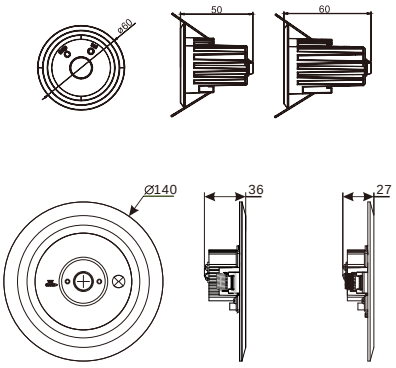
Features

- TUV CE Approved
- LiFePO4 Battery, Lifespan up to 4Years
- Auto Test Function, Maintainence Saving
- Overcharge&Over-discharge protection
- 150/250LM Optional

Light Distribution Curve



Product Size



Unit:mm

Product parameters

Model name	BY-Z1103S	BY-Z1105S	BY-Z1003S	BY-Z1005S
Input Voltage	AC 220-240V,50/60Hz	AC 220-240V,50/60Hz	AC 220-240V,50/60Hz	AC 220-240V,50/60Hz
Light Source	SMD 3535 (1pc)	SMD 3535 (1pc)	SMD 3535 (1pc)	SMD 3535 (1pc)
Input Power	3.5W	5.5W	3.5W	5.5W
Emergency Power	1.5W	2.5W	1.5W	2.5W
Operation Mode	Non-Maintained / Maintained	Non-Maintained / Maintained	Non-Maintained / Maintained	Non-Maintained / Maintained
Emergency Duration	180 Minutes	180 Minutes	180 Minutes	180 Minutes
Emergency Luminance Flux	150lm	250lm	150lm	250lm
Recharge Time	24 Hrs	24 Hrs	24 Hrs	24 Hrs
Battery	LiFePO4 3.2V 1500mAh	LiFePO4 3.2V 3000mAh	LiFePO4 3.2V 1500mAh	LiFePO4 3.2V 3000mAh
Battery Life	/	/	/	/
Operation Temp Range	0 ℃ -40 ℃	0 ℃ -40 ℃	0 ℃ -40 ℃	0 ℃ -40 ℃
IP Rating	IP20	IP20	IP20	IP20
Auto Test	Yes	Yes	Yes	Yes

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EMERGENCY DOWN LIGHT

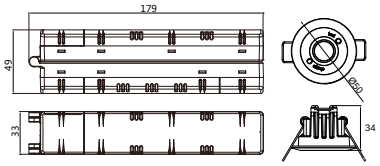
BY-Z1603S&BY-Z1803S

CE | TÜV SÜD | DAMP | 150LM | LED | IP 20 | 0-40°C

Features

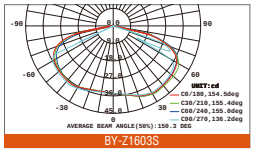
- TUV CE Approved
- LiFePO4/Lithium Optional
- Auto Test Function, Maintainence Saving
- Overcharge&Over-discharge protection

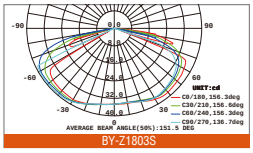
Product Size



Unit:mm

Light Distribution Curve





Product parameters

Model name	BY-Z1603S	BY-Z1803S
Input Voltage	AC 220-240V,50/60Hz	AC 220-240V,50/60Hz
Light Source	SMD 3535 (1pc)	SMD 3535 (1pc)
Input Power	3W	3W
Emergency Power	1.5W	1.5W
Operation Mode	Non-Maintained	Non-Maintained
Emergency Duration	180 Minutes	180 Minutes
Emergency Luminance Flux	150lm	150lm
Recharge Time	24 Hrs	24 Hrs
Battery	LiFePO4 3.2V 1500mAh	Lithium 3.7V 1500mAh
Battery Life	/	/
Operation Temp Range	0 C -40 C	0 C -40 C
IP Rating	IP20	IP20
Auto Test	Yes	Yes

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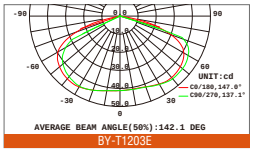
EMERGENCY DOWN LIGHT

BY-T1203E

Features

- TUV CE Approved
- Lithium Battery
- Auto Test Function, Maintainence Saving
- Overcharge&Over-discharge protection

Light Distribution Curve



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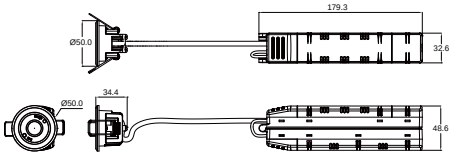

Unit:mm

Product parameters

Model name	BY-T1203E
Input Voltage	AC 220-240V,50/60Hz
Light Source	SMD 3535 (1pc)
Input Power	3W
Emergency Power	1.5W
Operation Mode	Non-Maintained
Emergency Duration	180 Minutes
Emergency Luminance Flux	150lm
Recharge Time	24 Hrs
Battery	Lithium 3.7V 1500mAh
Battery Life	/
Operation Temp Range	0 C -40 C
IP Rating	IP20
Auto Test	Yes

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Fire Fighting & Safety Equipments

EMERGENCY DOWN LIGHT

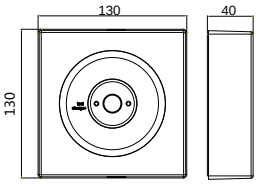
BY-Z-NI-2003S&BY-Z-NI-2005S

CE TÜV SÜD DAMP 150LM/250LM LED IP20 0-40°C

Features

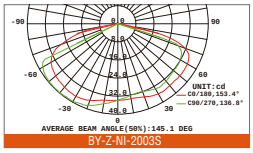
- TUV CE Approved
- LiFePO4 Battery, Lifespan up to 4Years
- Auto Test Function, Maintainence Saving
- Overcharge&Over-discharge protection
- 150/250LM Optional

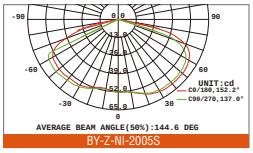
Product Size



Unit:mm

Light Distribution Curve





Product parameters

Model name	BY-Z-NI-2003S	BY-Z-NI-2005S
Input Voltage	AC 220-240V,50/60Hz	AC 220-240V,50/60Hz
Light Source	SMD 3535 (1pc)	SMD 3535 (1pc)
Input Power	3W	5W
Emergency Power	1.5W	3W
Operation Mode	Non-Maintained	Non-Maintained
Emergency Duration	180 Minutes	180 Minutes
Emergency Luminance Flux	150lm	250lm
Recharge Time	24 Hrs	24 Hrs
Battery	LiFePO4 3.2V 1500mAh	LiFePO4 3.2V 3000mAh
Battery Life	/	/
Operation Temp Range	0 ℃ -40 ℃	0 ℃ -40 ℃
IP Rating	IP20	IP20
Auto Test	Yes	Yes

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Fire Fighting & Safety Equipments

CE TÜV SÜD 150LM/250LM LED IP20 0-40℃

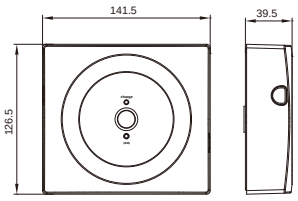
BY-Z1703S&BY-Z1706S

EMERGENCY DOWN LIGHT

Features

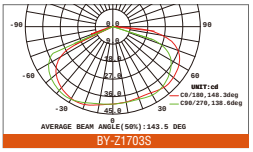
- TUV CE Approved
- Lithium Battery
- Auto Test Function, Maintainence Saving
- Overcharge&Over-discharge protection

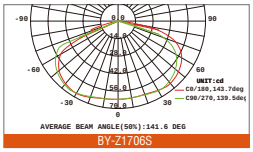
Product Size



Unit:mm

Light Distribution Curve





Product parameters

Model name	BY-Z1703S	BY-Z1706S
Input Voltage	AC 220-240V,50/60Hz	AC 220-240V,50/60Hz
Light Source	SMD 3535 (1pc)	SMD 3535 (2pcs)
Input Power	3W	6W
Emergency Power	1.5W	2.5W
Operation Mode	Non-Maintained	Non-Maintained
Emergency Duration	180 Minutes	180 Minutes
Emergency Luminance Flux	150lm	250lm
Recharge Time	24 Hrs	24 Hrs
Battery	Lithium 3.7V 1500mAh	Lithium 3.7V 3000mAh
Battery Life	/	/
Operation Temp Range	0 C -40 C	0 C -40 C
IP Rating	IP20	IP20
Auto Test	Yes	Yes

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Fire Fighting & Safety Equipments

EMERGENCY DOWN LIGHT

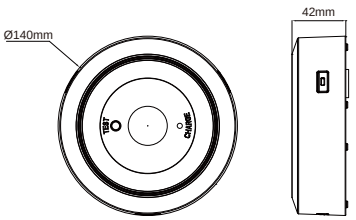
BY-T1403S&BY-T1405S

CE | TÜV SUD | DAMP | 150LM/250LM | LED | IP54 | 0-40°C

Features

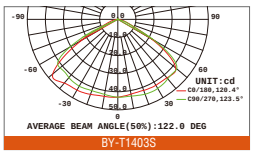
- TUV CE Approved
- LiFePO4 Battery, Lifespan up to 4Years
- Auto Test Function, Maintainence Saving
- Overcharge&Over-discharge protection
- 150/250LM Optional
- IP54 High Rating, Can be use outdoor

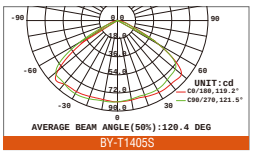
Product Size



Unit:mm

Light Distribution Curve





Product parameters

Model name	BY-T1403S	BY-T1405S
Input Voltage	AC 220-240V,50/60Hz	AC 220-240V,50/60Hz
Light Source	SMD 3535 (1pc)	SMD 3535 (1pc)
Input Power	3W	5W
Emergency Power	1.5W	2.5W
Operation Mode	Non-Maintained	Non-Maintained
Emergency Duration	180 Minutes	180 Minutes
Emergency Luminance Flux	150lm	250lm
Recharge Time	24 Hrs	24 Hrs
Battery	LiFePO4 3.2V 1500mAh	LiFePO4 3.2V 3000mAh
Operation Temp Range	0 ℃ -40 ℃	0 ℃ -40 ℃
IP Rating	IP54	IP54
Auto Test	Yes	Yes
IK Rating	IK08	IK08

Safetek
Fire Fighting & Safety Equipments

EMERGENCY DOWN LIGHT

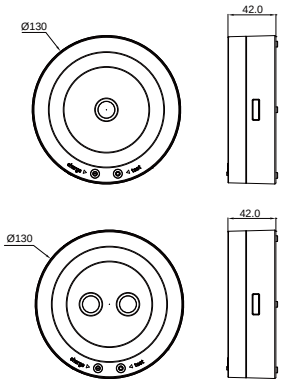
BY-T1703E1&BY-T1703E2&BY-T1706E1&BY-T1706E2

Features

- TUV CE Approved
- Lithium Battery
- Auto Test Function, Maintainence Saving
- Overcharge&Over-discharge protection

Light Distribution Curve

Product Size



Unit:mm

Product parameters

Model name	BY-T1703E1	BY-T1703E2	BY-T1706E1	BY-T1706E2
Input Voltage	AC 220-240V,50/60Hz	AC 220-240V,50/60Hz	AC 220-240V,50/60Hz	AC 220-240V,50/60Hz
Light Source	SMD 3535 (1pc)	SMD 3535 (1pc)	SMD 3535 (2pcs)	SMD 3535 (2pcs)
Input Power	3W	3W	6W	6W
Emergency Power	1.5W	1.5W	2.5W	2.5W
Operation Mode	Non-Maintained	Non-Maintained	Non-Maintained	Non-Maintained
Emergency Duration	180 Minutes	180 Minutes	180 Minutes	180 Minutes
Emergency Luminance Flux	150lm	150lm	250lm	250lm
Recharge Time	24 Hrs	24 Hrs	24 Hrs	24 Hrs
Battery	Lithium 3.7V 1500mAh	LiFePO4 3.2V 1500mAh	Lithium 3.7V 3000mAh	LiFePO4 3.2V 3000mAh
Battery Life	/	/	/	/
Operation Temp Range	0 ℃ -40 ℃	0 ℃ -40 ℃	0 ℃ -40 ℃	0 ℃ -40 ℃
IP Rating	IP20	IP20	IP20	IP20
Auto Test	Yes	Yes	Yes	Yes

Safetek
Fire Fighting & Safety Equipments

EMERGENCY DOWN LIGHT

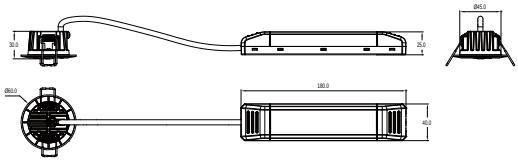
BY-T1003E

CE TÜV SUD DAMP 150LM LED IP54 0-40℃

Features

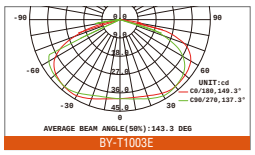
- TUV CE Approved
- Lithium Battery
- Auto Test Function, Maintainence Saving
- Overcharge&Over-discharge protection

Product Size



Unit:mm

Light Distribution Curve



Product parameters

Model name	BY-T1003E
Input Voltage	AC 220-240V,50/60Hz
Light Source	SMD 3535 (1pc)
Input Power	3W
Emergency Power	1.5W
Operation Mode	Non-Maintained
Emergency Duration	180 Minutes
Emergency Luminance Flux	150lm
Recharge Time	24 Hrs
Battery	Lithium 3.7V 1500mAh
Operation Temp Range	0 ℃ -40 ℃
IP Rating	IP20
Auto Test	Yes

Safetek
Fire Fighting & Safety Equipments

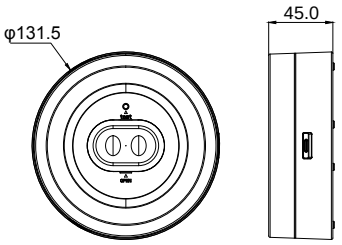
EMERGENCY DOWN LIGHT

BY-T1103E&BY-T1106E

Features

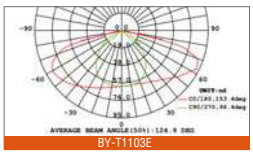
- Super bright&Long Lasting LEDs
- TUV CE & CB Approved
- Multiple legend options available
- 3 Hour Emergency Duration
- Maintained/Maintained Optional
- Powder coated Steel Frame

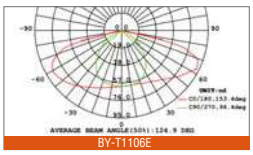
Product Size



Unit:mm

Light Distribution Curve





Product parameters

Model name	BY-T1103E	BY-T1106E
Input Voltage	AC 220-240V,50/60Hz	AC 220-240V,50/60Hz
Light Source	SMD 3535 (2pcs)	SMD 3535 (2pcs)
Input Power	3W	6W
Emergency Power	1.5W	2.5W
Operation Mode	Non-Maintained	Non-Maintained
Emergency Duration	180 Minutes	180 Minutes
Emergency Luminance Flux	200lm	300lm
Recharge Time	24 Hrs	24 Hrs
Battery	Lithium 3.7V 1500mAh	Lithium 3.7V 2600mAh
Battery Life	/	/
Operation Temp Range	0 C -40 C	0 C -40 C
IP Rating	IP20	IP20
Auto Test	Yes	Yes

Safetek
Fire Fighting & Safety Equipments

EMERGENCY EXIT SIGN

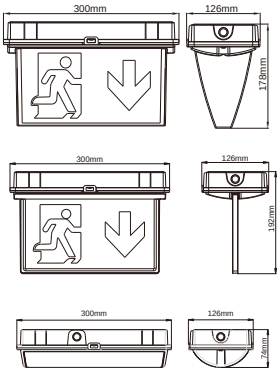
BY-B2036E&BY-B2136E&BY-B2236E

CE | COC COC-DEKRA | DAMP | LED | IP65 | 0-40°C

Features

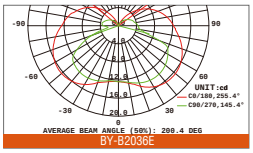
- Super bright&Long Lasting LEDs
- IP65 Protection Rating
- Multiple legend options available
- 3 Hour Emergency Duration
- Maintained/Maintained Optional
- Recessed & Surface mounting available

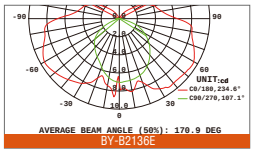
Product Size

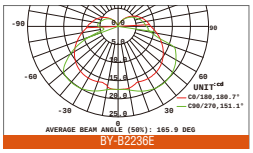


Unit:mm

Light Distribution Curve







Product parameters

Model name	BY-B2036E	BY-B2136E	BY-B2236E
Input Voltage	AC220-240V, 50/60Hz, 60mA	AC220-240V, 50/60Hz, 60mA	AC220-240V, 50/60Hz, 60mA
Light Source	SMD2835(18pcs)	SMD2835(18pcs)	SMD2835(18pcs)
Input Power	5.5W	5.5W	5.5W
Emergency Power	1.5W	1.5W	1.5W
Operation Mode	Maintained/Non-Maintained	Maintained/Non-Maintained	Maintained/Non-Maintained
Emergency Duration	180 Minutes	180 Minutes	180 Minutes
Recharge Time	16 Hrs	16 Hrs	16 Hrs
Emergency Luminance Flux	100lm	50lm	90lm
Battery	LiFePO4 6.4V, 1500mAh	LiFePO4 6.4V, 1500mAh	LiFePO4 6.4V, 1500mAh
Battery Life	Up to 4 years	Up to 4 years	Up to 4 years
Degree of Protection	IP65	IP65	IP65
Operation Temp Range	0 ℃ -40 ℃	0 ℃ -40 ℃	0 ℃ -40 ℃
Auto Test	Yes	Yes	Yes
Certificate	CE/ENEC/COC-DEKRA	CE/ENEC/COC-DEKRA	CE/ENEC/COC-DEKRA

Safetek
Fire Fighting & Safety Equipments

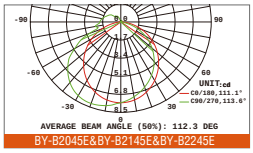
EMERGENCY EXIT SIGN

BY-B2045E&BY-B2145E&BY-B2245E

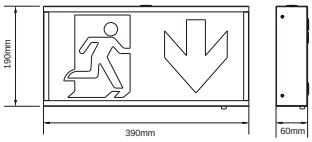
Features

- Super bright&Long Lasting LEDs
- TUV CE & CB Approved
- Multiple legend options available
- 3 Hour Emergency Duration
- Maintained/Maintained Optional
- Powder coated Steel Frame

Light Distribution Curve



Product Size



Unit:mm

Product parameters

Model name	BY-B2045E-Arrow to Down	BY-B2145E-Arrow to Right	BY-B2245E-Arrow to Left
Input Voltage	AC220-240V, 50Hz, 50mA	AC220-240V, 50Hz, 50mA	AC220-240V, 50Hz, 50mA
Light Source	SMD5050(12pcs)	SMD5050(12pcs)	SMD5050(12pcs)
Input Power	4.5W	4.5W	4.5W
Emergency Power	1.2W	1.2W	1.2W
Operation Mode	Maintained/Non-Maintained	Maintained/Non-Maintained	Maintained/Non-Maintained
Emergency Duration	180 Minutes	180 Minutes	180 Minutes
Recharge Time	24 Hrs	16 Hrs	16 Hrs
Emergency Luminance Flux	22lm	22lm	22lm
Battery	Ni-Cd SC3.6V, 2000mAh	Ni-Cd SC3.6V, 2000mAh	Ni-Cd SC3.6V, 2000mAh
Battery Life	Up to 4 years	Up to 4 years	Up to 4 years
Degree of Protection	IP20	IP20	IP20
Operation Temp Range	0 ℃ -40 ℃	0 ℃ -40 ℃	0 ℃ -40 ℃
Auto Test	No	No	No
Certificate	CE-TUV	CE-TUV	CE-TUV

Safetek
Fire Fighting & Safety Equipments

EMERGENCY EXIT SIGN

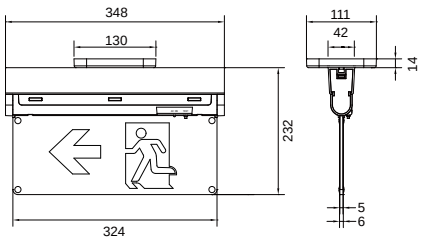
BY-B2408E

CE DAMP LED IP20 0-40°C

Features

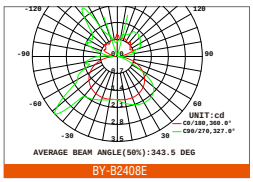
- Super bright&Long Lasting LEDs
- CE Approved
- Multiple legend options available
- 3 Hour Emergency Duration
- LiFePO4 Battery, Up to 4Years Lifespan
- Angle from 0 degree to 180 degree

Product Size



Unit:mm

Light Distribution Curve



Product parameters

Model name	BY-B2408E
Input Voltage	AC220-240V, 50/60Hz, 30mA
Light Source	SMD4014(16pcs)
Input Power	3W
Emergency Power	1.5W
Operation Mode	Maintained
Emergency Duration	180 Minutes
Emergency Luminance Flux	/
Recharge Time	24 Hrs
Battery	LiFePO4 3.2V, 1500mAh
Battery Life	/
Degree of Protection	IP20
Operation Temp Range	0 C -40 C
Auto Test	Yes
Certificate	CE

Safetek
Fire Fighting & Safety Equipments

EMERGENCY EXIT SIGN

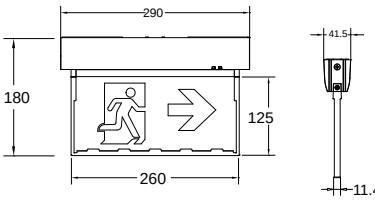
BY-B2108E-S24L-C&BY-B2108E-S32L

Features

- Super bright&Long Lasting LEDs
- CE Approved
- Multiple legend options available
- 3 Hour Emergency Duration
- Universal Mounting: Wall/Ceiling/Flag/ Suspend/Hanging/Recessed Mounting
- Maintained/Maintained Optional

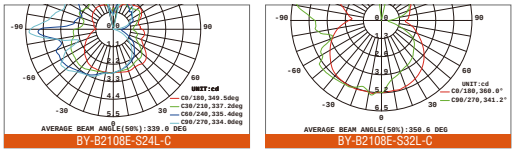
Different directions(customizable pattern)

Product Size



Unit:mm

Light Distribution Curve



Product parameters

Model name	BY-B2108E-S24L	BY-B2108E-S32L
Input Voltage	AC220-240V, 50/60Hz, 70mA	AC220-240V, 50/60Hz, 90mA
Light Source	SMD4014(24pcs)	SMD4014(36pcs)
Input Power	5.5W	8W
Emergency Power	1.3W	2.2W
Operation Mode	Maintained/Non-Maintained	Maintained/Non-Maintained
Emergency Duration	180 Minutes	180 Minutes
Emergency Luminance Flux	12lm	24lm
Recharge Time	24 Hrs	24 Hrs
Battery	LiFePO4 3.2V, 1500mAh	LiFePO4 3.2V, 3000mAh
Viewing Destance	24M	32M
Degree of Protection	IP40	IP40
Operation Temp Range	0 ℃ -40 ℃	0 ℃ -40 ℃
Auto Test	Yes	Yes
Certificate	CE/ENEC/COC-DEKRA	CE/ENEC/COC-DEKRA

Safetek
Fire Fighting & Safety Equipments

EMERGENCY EXIT SIGN

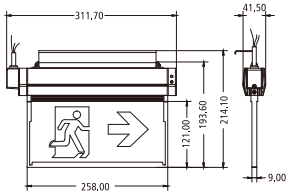
BY-B2208E-S24H&BY-B2208E-S32H

CE DAMP LED IP20 0-40℃

Features

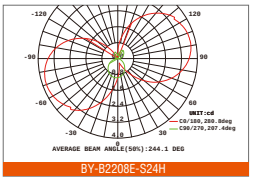
- Super bright&Long Lasting LEDs
- CE Approved
- Multiple legend options available
- 3 Hour Emergency Duration
- Wall/Ceiling Mounting
- Maintained/Maintained Optional

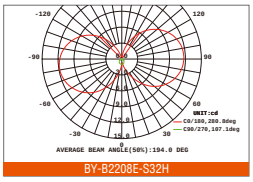
Product Size



Unit:mm

Light Distribution Curve





Product parameters

Model name	BY-B2208E-S24H	BY-B2208E-S32H
Input Voltage	AC220-240V, 50/60Hz, 70mA	AC220-240V, 50/60Hz, 90mA
Light Source	SMD4014(24pcs)	SMD4014(36pcs)
Input Power	5.5W	8W
Emergency Power	1.3W	2.2W
Operation Mode	Maintained/Non-Maintained	Maintained/Non-Maintained
Emergency Duration	180 Minutes	180 Minutes
Emergency Luminance Flux	/	/
Recharge Time	24 Hrs	24 Hrs
Battery	LiFePO4 3.2V, 1500mAh	LiFePO4 3.2V, 3000mAh
Viewing Destance	24M	32M
Degree of Protection	IP40	IP40
Operation Temp Range	0 ℃ -40 ℃	0 ℃ -40 ℃
Auto Test	Yes	Yes
Certificate	CE-DEKRA	CE-DEKRA

Safetek
Fire Fighting & Safety Equipments

18LM LED IP20 0-40℃

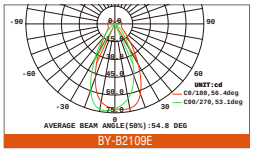
EMERGENCY EXIT SIGN

BY-B2109E&BY-F2109E

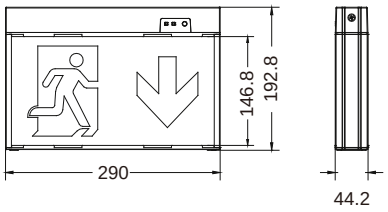
Features

- Super bright&Long Lasting LEDs
- CE Approved
- Multiple legend options available
- 3 Hour Emergency Duration
- Universal Mounting:
- Wall/Ceiling/Flag/Suspend Mounting
- Maintained/Maintained Optional

Light Distribution Curve



Product Size



Unit:mm

Product parameters

Model name	BY-B2109E	BY-F2109E
Input Voltage	AC220-240V, 50/60Hz, 90mA	AC220-240V, 50/60Hz, 90mA
Light Source	SMD4014(36pcs)	SMD4014(36pcs)+SMD5054(2pcs)
Input Power	9W	10W
Emergency Power	2W	2.5W
Operation Mode	Maintained/Non-Maintained	Maintained/Non-Maintained
Emergency Duration	180 Minutes	180 Minutes
Emergency Luminance Flux	18lm	18lm
Emergency LUX In Height:2.7M	/	10Lux
Recharge Time	24 Hrs	24 Hrs
Battery	LiFePO4 3.2V, 3000mAh	LiFePO4 3.2V, 3400mAh
Viewing Destance	30M	30M
Degree of Protection	IP20	IP20
Operation Temp Range	0 ℃ -40 ℃	0 ℃ -40 ℃
Auto Test	Yes	Yes
Certificate	CE-DEKRA	/

Safetek
Fire Fighting & Safety Equipments

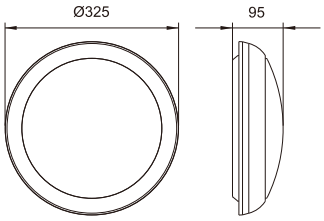
EMERGENCY CEILING LIGHT

BY-Z1310E

Features

- Super bright&Long Lasting LEDs
- TUV CE & CB Approved
- 3 Hour Emergency Duration
- Auto test function, Maintenance Saving
- Maintained/Maintained Optional
- Overcharge and Over-discharge protection

Product Size



Unit:mm

Light Distribution Curve

Product parameters

Model name	BY-Z1310E
Input Voltage	220-240V 50/60Hz
Light Source	SMD 2835 (36pcs)
Input Power	10w/15w/18w adjustable
Emergency Power	/
Operation Mode	/
Emergency Duration	/
Emergency Luminance Flux	/
Recharge Time	/
Battery	/
Degree of Protection	IP65
Operation Temp Range	0 ℃ -40 ℃
Auto Test	No
Certificate	CE & CB&UKCA-TUV

Safetek
Fire Fighting & Safety Equipments

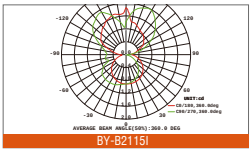
EMERGENCY EXIT SIGN

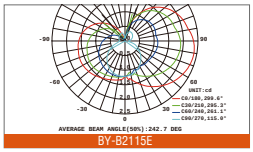
BY-B2115I&BY-B2115E

Features

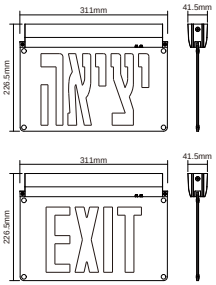
- Super bright&Long Lasting LEDs
- TUV CE & CB Approved
- Universal Mounting:
  Wall/Ceiling/Flag/Hanging/Recessed Mounting
- Single or double side with changeable legengds
- 3 Hour Emergency Duration
- Overcharge and Over-discharge protection

Light Distribution Curve





Product Size



Unit:mm

Product parameters

Model name	BY-B2115I	BY-B2115E
Input Voltage	AC 220-240V, 50/60 Hz, 15mA	AC 220-240V, 50/60 Hz, 15mA
Light Source	SMD 4014(30pcs)	SMD 4014(30pcs)
Input Power	1.2W	1.2W
Emergency Power	0.3W	0.3W
Operation Mode	Maintained	Maintained
Emergency Duration	3 Hrs	3 Hrs
Emergency Luminance Flux	8lm	8lm
Recharge Time	24 Hrs	24 Hrs
Battery	Ni-CD 1.2V 1000mAh	Ni-CD 1.2V 1000mAh
Degree of Protection	IP40	IP40
Operation Temp Range	0 C -40 C	0 C -40 C
Auto Test	No	No
Certificate	TUV & CE & CB	TUV & CE & CB

Safetek
Fire Fighting & Safety Equipments

EMERGENCY EXIT SIGN

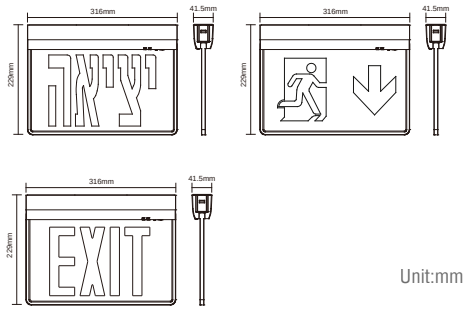
BY-B2415I&BY-B2415I20&BY-B2415I21

CE CB TÜV SÜD DAMP LED IP20 0-40°C

Features

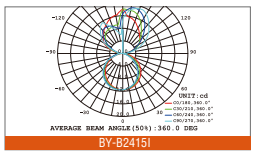
- Super bright&Long Lasting LEDs
- TUV CE & CB Approved
- Universal Mounting:
  Wall/Ceiling/Flag/Hanging/Recessed Mounting
- Single or double side with changeable legengds
- Overcharge and Over-discharge protection
- Auto test function, Maintenance Saving

Product Size



Unit:mm

Light Distribution Curve



Product parameters

Model name	BY-B2415I	BY-B2415I20	BY-B2415I21
Input Voltage	AC 220-240V, 50/60 Hz, 50mA	AC 220-240V, 50/60 Hz, 50mA	AC 220-240V, 50/60 Hz, 50mA
Light Source	SMD 4014(24pcs)	SMD 4014(24pcs)	SMD 4014(24pcs)
Input Power	4.5W	4.5W	4.5W
Emergency Power	1.5W	1.5W	1.5W
Operation Mode	Maintained	Maintained	Maintained
Emergency Duration	3 Hrs	3 Hrs	3 Hrs
Emergency Luminance Flux	10 Lm	10 Lm	10 Lm
Recharge Time	24 Hrs	24 Hrs	24 Hrs
Battery	LFP 3.2V 2100mAh	LFP 3.2V 2100mAh	LFP 3.2V 2100mAh
Degree of Protection	IP20	IP20	IP20
Operation Temp Range	0 C -40 C	0 C -40 C	0 C -40 C
Auto test	Yes	Yes	Yes
Certificate	TUV CE & CB	TUV CE & CB	TUV CE & CB

Safetek
Fire Fighting & Safety Equipments

EMERGENCY EXIT SIGN

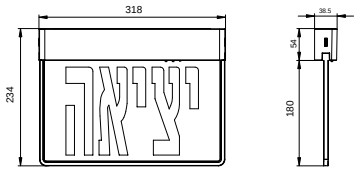
BY-B5010E

Features

- Super bright&Long Lasting LEDs
- TUV CE & CB Approved
- Universal Mounting:
  Wall/Ceiling/Flag/Hanging Mounting
- Single or double side with changeable legengds
- Overcharge and Over-discharge protection
- Auto test function, Maintenance Saving

Light Distribution Curve

Product Size



Unit:mm

Product parameters

Model name	BY-B5010E
Input Voltage	AC 220-240V, 50/60 Hz, 50mA
Light Source	SMD 4014(24pcs)
Input Power	3.5W
Emergency Power	1.5W
Operation Mode	Maintained
Emergency Duration	3 Hrs
Emergency Luminance Flux	10 Lm
Recharge Time	24 Hrs
Battery	LiFePO4 3.2V 1500mAh
Degree of Protection	IP20
Operation Temp Range	0 C -40 C
Auto test	Yes
Certificate	TUV CE & CB

Safetek
Fire Fighting & Safety Equipments

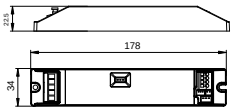
EMERGENCY PACK

BY-D1090E

Features

- Suitable for Ceiling light & Tri-proof light.
- Polycarbonate housing
- 2.5W / 3.5W/ 5W adjustable emergency power
- 3Hour,2Hour,1.5Hour Emergency Duration
- Overcharge and Over-discharge protection
- Auto test function,Maintenance Saving

Product Size



Unit:mm

Light Distribution Curve

Product parameters

Model name	BY-D1090E
Input Voltage	220-240V 50/60Hz
Light Source	/
Input Power	/
Emergency Power	2.5W / 3.5W/ 5W
Operation Mode	Maintained /Non-Maintained
Emergency Duration	3H/2H/1.5H
Emergency Luminance Flux	/
Recharge Time	24 Hrs
Battery	LiFePO4 6.4V 1500mAh
Battery Life	Up to 4 years
Operation Temp Range	0 C -40 C
Auto Test	Yes
Certificate	TUV CE

Safetek
Fire Fighting & Safety Equipments

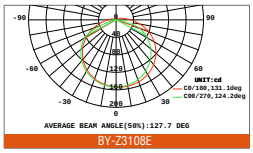
EMERGENCY CEILING LIGHT

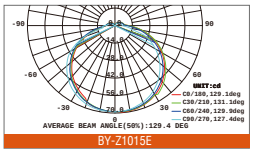
BY-Z3108E&BY-Z1015E&BY-Z1018E&BY-Z1024E

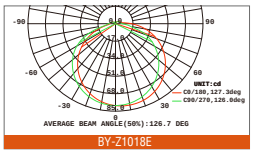
Features

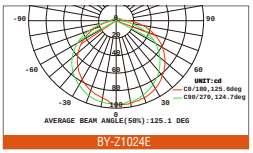
- Super bright&Long Lasting LEDs
- TUV CE & CB Approved
- Test switch and AC-ON indicator included
- 3 Hour Emergency Duration
- Overcharge and Over-discharge protection

Light Distribution Curve

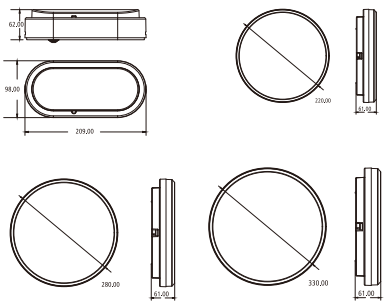








Product Size



Unit:mm

Product parameters

Model name	BY-Z3108E	BY-Z1015E	BY-Z1018E	BY-Z1024E
Input Voltage	AC 220-240V, 50/60 Hz, 100mA	AC 220-240V, 50/60 Hz, 140mA	AC 220-240V, 50/60 Hz, 150mA	AC 220-240V, 50/60 Hz, 180mA
Light Source	SMD 2835(70pcs)	SMD 2835(84pcs)	SMD 2835(96pcs)	SMD 2835(144pcs)
Input Power	8W	15W	18W	24W
Emergency Power	0.8W	1.5W	1.8W	2.5W
Operation Mode	Maintained & Non-Maintain & Swich control	Maintained & Non-Maintain & Swich control	Maintained & Non-Maintain & Swich control	Maintained & Non-Maintain & Swich control
Emergency Duration	3 Hrs	3 Hrs	3 Hrs	3 Hrs
Luminance Flux	500 Lm	900 Lm	1450 Lm	1650 Lm
Emergency Luminance Flux	100 Lm	250 Lm	280 Lm	330 Lm
Recharge Time	24 Hrs	24 Hrs	24 Hrs	24 Hrs
Battery	LiFePO4 3.2V 1500mAh	LiFePO4 6.4V 1500mAh	LiFePO4 9.6V 1500mAh	LiFePO4 9.6V 1500mAh
Degree of Protection	IP54	IP65	IP65	IP65
Operation Temp Range	0 ℃ -40 ℃	0 ℃ -40 ℃	0 ℃ -40 ℃	0 ℃ -40 ℃
Auto test	No	No	No	No
Certificate	CE & CB-TUV	CE & CB-TUV	CE & CB-TUV	CE & CB-TUV

Safetek
Fire Fighting & Safety Equipments

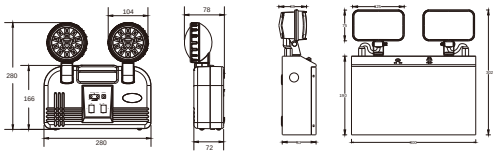
TWIN HEAD LIGHT

BY-Z2035C&BY-Z2135C&BY-Z2235C&BY-Z2140E

Features

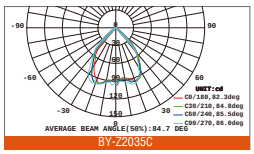
- Super bright&Long Lasting LEDs
- CE Approved
- Test switch and AC-ON indicator included
- 3 Hour Emergency Duration
- Overcharge and Over-discharge protection
- Non-Maintained Operation Mode

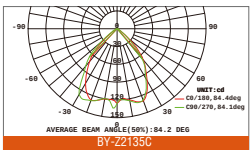
Product Size

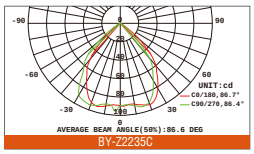


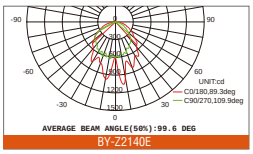
Unit:mm

Light Distribution Curve









Product parameters

Model name	BY-Z2035C	BY-Z2135C	BY-Z2235C	BY-Z2140E
Input Voltage	AC 220-240V, 50/60 Hz, 30mA	AC 220-240V, 50/60 Hz, 30mA	AC 220-240V, 50/60 Hz, 30mA	AC 220-240V, 50/60 Hz,
Light Source	SMD 2835(32pcs)	SMD 2835(32pcs)	SMD 2835(32pcs)	SMD 2835(96pcs)
Emergency Power	2.5W	1.8W	1.5W	12W
Operation Mode	Non-Maintained	Non-Maintained	Non-Maintained	Non-Maintained
Emergency Duration	3 Hrs	3 Hrs	3 Hrs	4 Hrs
Emergency Luminance Flux	180 Lm	180 Lm	150 Lm	1500 Lm
Recharge Time	24 Hrs	24 Hrs	24 Hrs	24 Hrs
Battery	Lead acid 4.0V 2500mAh	Lithium 3.7V 2200mAh	Lithium 3.7V 1500mAh	Lead acid 12V 7000mAh
Degree of Protection	IP20	IP20	IP20	IP44
Operation Temp Range	0 ℃ -40 ℃	0 ℃ -40 ℃	0 ℃ -40 ℃	0 ℃ -40 ℃
Auto test	No	No	No	No
Certificate	CE & CB-TUV	CE	CE	CE & CB-TUV

Safetek
Fire Fighting & Safety Equipments

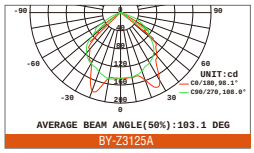
EMERGENCY LIGHT

BY-Z3125A&BY-Z3125A2

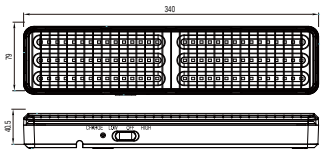
Features

- Super bright&Long Lasting LEDs
- CE & CB Approved
- High / Low level brightness adjustable
- 3 Hour Emergency Duration
- Overcharge and Over-discharge protection
- Power Cable included

Light Distribution Curve



Product Size



Unit:mm

Product parameters

Model name	BY-Z3125A	BY-Z3125A2
Input Voltage	AC 220-240V, 50/60 Hz,	AC 220-240V, 50/60 Hz,
Light Source	SMD 2835(90pcs)	SMD 2835(90pcs)
Emergency Power	H: 3W L: 1.4W	H: 3W L: 1.4W
Operation Mode	Maintained	Maintained
Emergency Duration	H: 2 Hrs L: 4.5Hrs	H: 3 Hrs L: 6Hrs
Emergency Luminance Flux	H: 410lm L: 110lm	H: 270lm L: 110lm
Recharge Time	24 Hrs	24 Hrs
Battery	Lithium 3.7V 1200mAhX2	Lithium 3.7V 1200mAhX2
Degree of Protection	IP20	IP20
Operation Temp Range	0 ℃ -40 ℃	0 ℃ -40 ℃
Auto test	No	No
Certificate	CE	CE & CB

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Fire Fighting & Safety Equipments

TWIN HEAD EMERGENCY LIGHT

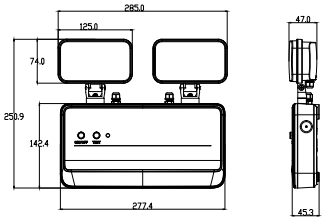
BY-Z4112A

DAMP LED 100-240V 0-40°C 24H CE

Features

- Super bright and long lasting LEDs
- IP65 Protection Rating
- 3 Hour Emergency Duration
- 1200 luminous Flux
- Self-test function, maintenance saving
- Rotatable Lamp Headlight About 360 Degrees

Product Size



Light Distribution Curve

Product parameters

Model name	BY-Z4112A
Input voltage	AC220-240V,50Hz/60Hz
Light source	60 pcs SMD 2835
Luminous flux	m l 0 0 2 1
Emergency power	>5.5W
Battery	Litio 3.7V 1200mAh*4
Emergency Duration	3h
Recharge Time	24h
IP Rating	IP65
Operation Mode	Non-Maintained
Dimension	277*253*45mm

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