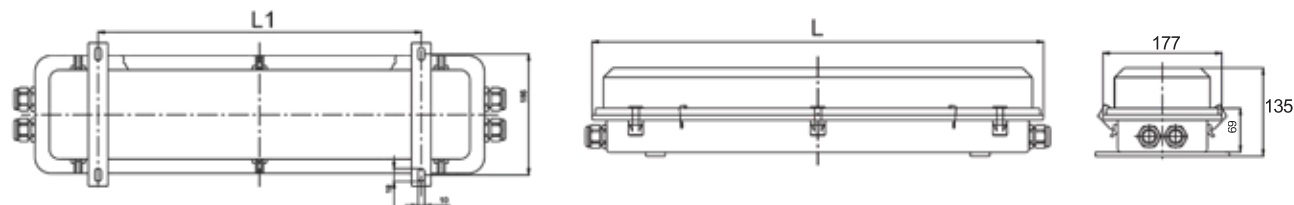**fota**

MARINE ELECTRICAL APPLIANCES

AND LIGHTING SPECIFICATION

CATALOGUE

LED PENDANT LIGHT

Application scope:

It is suitable for illuminating places on various ships where there are dripping, splashing, and condensation, such as boiler rooms, dry cargo holds, pipelines, open decks, etc.
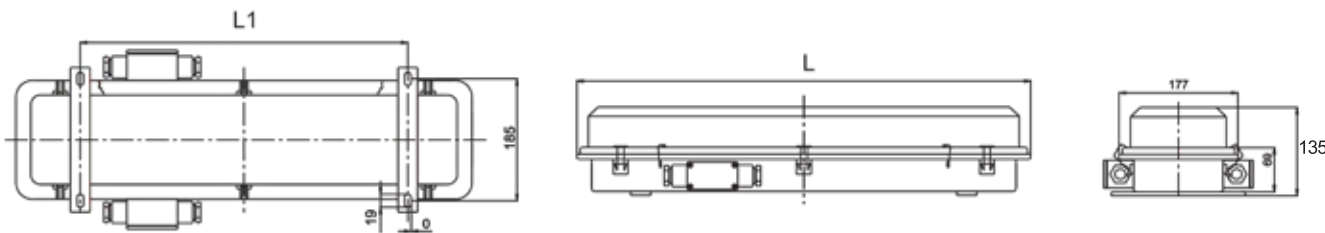
Product features:

1. The shell is made of high-quality steel or stainless steel by stretching.
2. The lampshade is made of high-strength and high-transparency PC.
3. The light source has a lifespan of 30,000 hours.
4. It is a green and environmentally friendly product, energy-saving by more than 50% and easy to install.
5. LED colour rendering index: Ra≥80.
6. Working temperature:-30℃ to 50℃

Specification

Type	Voltage	Power	Light Source	Colour Temperature	Lamp Holder	Luminous Flux	Material	Size		Class of protection
								L	L1	
UJCY22-2L	110/220V	10W*2	LED Tube	6000K-6500K	G13	1600lm	Iron or Stainless Steel	692	480	IP66
UJCY22-2LE		10W*2								
UJCY42-2L		20W*2				3200lm		1299	700	
UJCY42-2LE		20W*2								

Please indicate before ordering: **E** after the model number means with emergency light (B15d, 24V, 3.5W, LED light source), **M** means module LED, **B** means with emergency battery device, **S** means stainless steel Material.

LED PENDANT LIGHT

Application scope:

It is suitable for illuminating places on various ships where there are dripping, splashing, and condensation, such as boiler rooms, dry cargo holds, pipelines, open decks, etc.
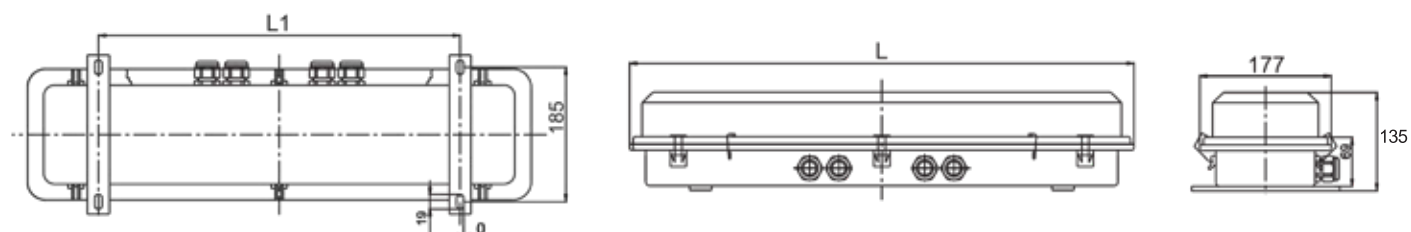
Product features:

1. The shell is made of high-quality steel or stainless steel by stretching.
2. The lampshade is made of high-strength and high-transparency PC.
3. The light source has a lifespan of 30,000 hours.
4. It is a green and environmentally friendly product, energy-saving by more than 50% and easy to install.
5. LED colour rendering index: Ra≥80.
6. Working temperature:-30℃ to 50℃

Specification

Type	Voltage	Power	Light Source	Colour Temperature	Lamp Holder	Luminous Flux	Material	Size		Class of protection
								L	L1	
UJCY23-2L	110/220V	10W*2	LED Tube	6000K-6500K	G13	1600lm	Iron or Stainless Steel	692	480	IP66
UJCY23-2LE		10W*2								
UJCY43-2L		20W*2				3200lm		1299	700	
UJCY43-2LE		20W*2								

Please indicate before ordering: **E** after the model number means with emergency light (B15d, 24V, 3.5W, LED light source), **M** means module LED, **B** means with emergency battery device, **S** means stainless steel Material.

LED PENDANT LIGHT

Application scope:

It is suitable for illuminating places on various ships where there are dripping, splashing, and condensation, such as boiler rooms, dry cargo holds, pipelines, open decks, etc.
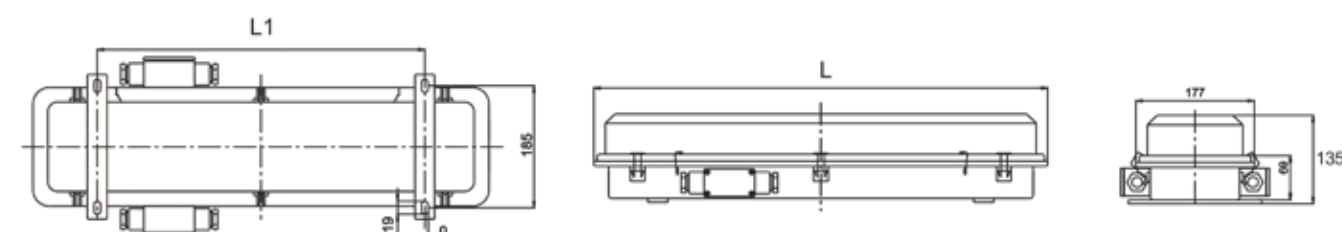
Product features:

1. The shell is made of high-quality steel or stainless steel by stretching.
2. The lampshade is made of high-strength and high-transparency PC.
3. The light source has a lifespan of 30,000 hours.
4. It is a green and environmentally friendly product, energy-saving by more than 50% and easy to install.
5. LED colour rendering index: Ra≥80.
6. Working temperature:-30℃ to 50℃

Specification

Type	Voltage	Power	Light Source	Colour Temperature	Lamp Holder	Luminous Flux	Material	Size		Class of protection
								L	L1	
UJCY24-2L	110/220V	10W*2	LED Tube	6000K-6500K	G13	1600lm	Iron or Stainless Steel	692	480	IP66
UJCY24-2LE		10W*2								
UJCY44-2L		20W*2				3200lm		1299	700	
UJCY44-2LE		20W*2								

Please indicate before ordering: ""E"" after the model number means with emergency light (B15d, 24V, 3.5W, LED light source), ""M"" means module LED, ""B"" means with emergency battery device, ""S"" means stainless steel Material.

LED PENDANT LIGHT

Application scope:

It is suitable for illuminating places on various ships where there are dripping, splashing, and condensation, such as boiler rooms, dry cargo holds, pipelines, open decks, etc.
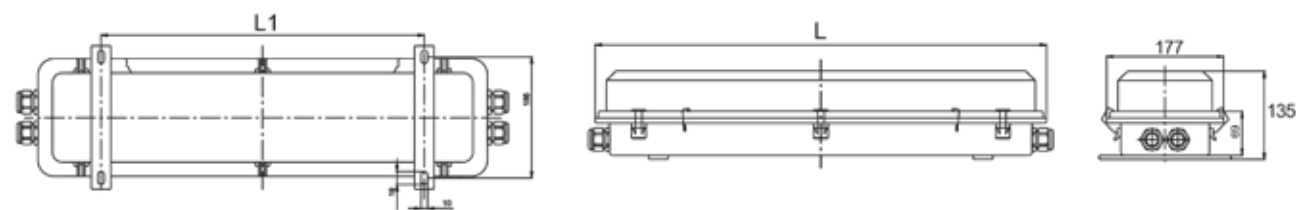
Product features:

1. The shell is made of high-quality steel or stainless steel by stretching.
2. The lampshade is made of high-strength and high-transparency PC.
3. The light source has a lifespan of 30,000 hours.
4. It is a green and environmentally friendly product, energy-saving by more than 50% and easy to install.
5. LED colour rendering index: Ra≥80.
6. Working temperature:-30℃ to 50℃

Specification

Type	Voltage	Power	Light Source	Colour Temperature	Lamp Holder	Luminous Flux	Material	Size		Class of protection
								L	L1	
UJCY26-1L	110/220V	10W*1	LED Tube	6000K-6500K	G13	800lm	Iron or Stainless Steel	692	500	IP66
UJCY26-1LE		10W*1								
UJCY26-2L		20W*2				1600lm				
UJCY26-2LE		20W*2								

Please indicate before ordering: ""E"" after the model number means with emergency light (B15d, 24V, 3.5W, LED light source), ""M"" means module LED, ""B"" means with emergency battery device, ""S"" means stainless steel Material.

LED PENDANT LIGHT

L1   L   177   135

Application scope:

It is suitable for illuminating places on various ships where there are dripping, splashing, and condensation, such as boiler rooms, dry cargo holds, pipelines, open decks, etc.
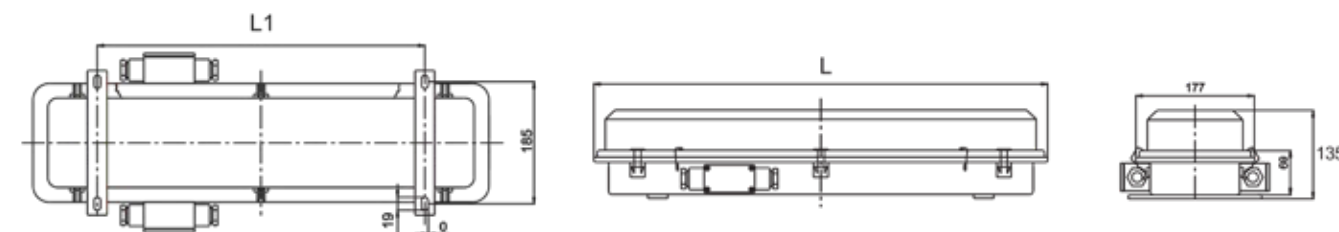
Product features:

1. The shell is made of high-quality steel or stainless steel by stretching.
2. The lampshade is made of high-strength and high-transparency PC.
3. The light source has a lifespan of 50,000 hours.
4. It is a green and environmentally friendly product, energy-saving by more than 50% and easy to install.
5. LED colour rendering index: Ra≥80.
6. Working temperature:-30℃ to 50℃

Specification

Type	Voltage	Power	Light Source	Colour Temperature	Luminous Flux	Material	Size		Class of protection
							L	L1	
UJCY22-2LM	85V-240V	10W*2	LED	6000K-6500K	2000 lm	Iron or Stainless Steel	692	480	IP66
UJCY22-2LME		10W*2							
UJCY42-2LM		20W*2			4000 lm		1299	700	
UJCY42-2LME		20W*2							

Please indicate before ordering: "*E*" after the model number means with emergency light , "*M*" means module LED, "*B*" means with emergency battery device, "*S*" means stainless steel Material.

LED PENDANT LIGHT

L1   L   177   185   135

Application scope:

It is suitable for illuminating places on various ships where there are dripping, splashing, and condensation, such as boiler rooms, dry cargo holds, pipelines, open decks, etc.
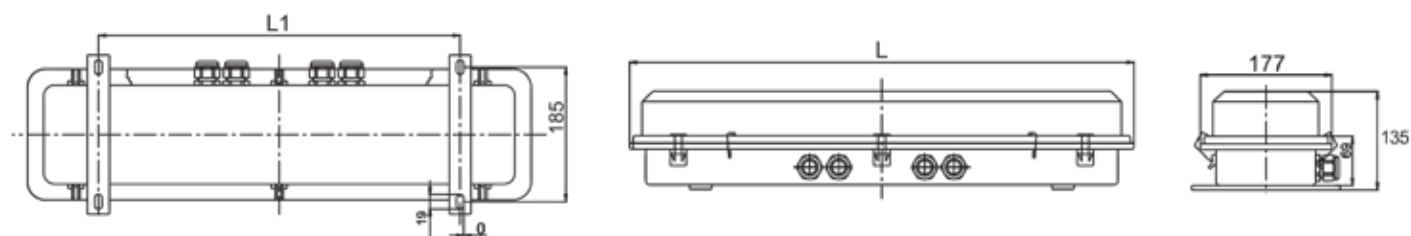
Product features:

1. The shell is made of high-quality steel or stainless steel by stretching.
2. The lampshade is made of high-strength and high-transparency PC.
3. The light source has a lifespan of 50,000 hours.
4. It is a green and environmentally friendly product, energy-saving by more than 50% and easy to install.
5. LED colour rendering index: Ra≥80.
6. Working temperature:-30℃ to 50℃

Specification

Type	Voltage	Power	Light Source	Colour Temperature	Luminous Flux	Material	Size		Class of protection
							L	L1	
UJCY23-2LM	85V-240V	10W*2	LED	6000K-6500K	2000 lm	Iron or Stainless Steel	692	480	IP66
UJCY23-2LME		10W*2							
UJCY43-2LM		20W*2			4000 lm		1299	700	
UJCY43-2LME		20W*2							

Please indicate before ordering: "*E*" after the model number means with emergency light , "*M*" means module LED, "*B*" means with emergency battery device, "*S*" means stainless steel Material.

LED PENDANT LIGHT

Application scope:

It is suitable for illuminating places on various ships where there are dripping, splashing, and condensation, such as boiler rooms, dry cargo holds, pipelines, open decks, etc.
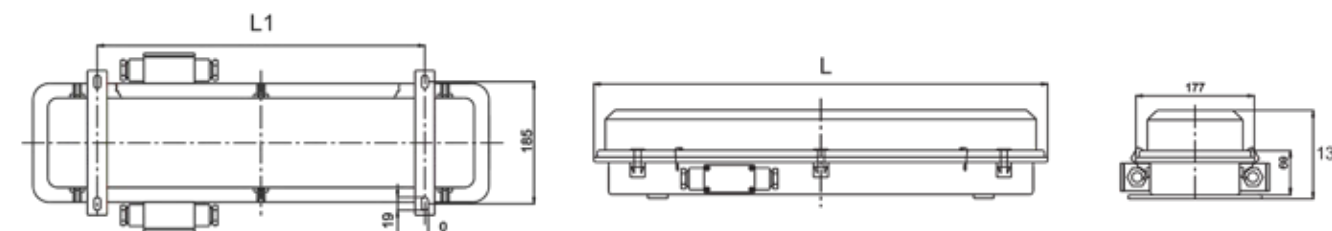
Product features:

1. The shell is made of high-quality steel or stainless steel by stretching.
2. The lampshade is made of high-strength and high-transparency PC.
3. The light source has a lifespan of 50,000 hours.
4. It is a green and environmentally friendly product, energy-saving by more than 50% and easy to install.
5. LED colour rendering index: Ra≥80.
6. Working temperature:-30℃ to 50℃

Specification

Type	Voltage	Power	Light Source	Colour Temperature	Luminous Flux	Material	Size		Class of protection
							L	L1	
UJCY24-2LM	85V-240V	10W*2	LED	6000K-6500K	2000 lm	Iron or Stainless Steel	692	480	IP66
UJCY24-2LME		10W*2							
UJCY44-2LM		20W*2			4000 lm		1299	700	
UJCY44-2LME		20W*2							

Please indicate before ordering: "E" after the model number means with emergency light , "M" means module LED, "B"means with emergency battery device, "S"means stainless steel Material.

LED PENDANT LIGHT

Application scope:

It is suitable for illuminating places on various ships where there are dripping, splashing, and condensation, such as boiler rooms, dry cargo holds, pipelines, open decks, etc.

Product features:

1. The shell is made of high-quality steel or stainless steel by stretching.
2. The lampshade is made of high-strength and high-transparency PC.
3. The light source has a lifespan of 50,000 hours.
4. It is a green and environmentally friendly product, energy-saving by more than 50% and easy to install.
5. LED colour rendering index: Ra≥80.
6. Working temperature:-30℃ to 50℃

Specification

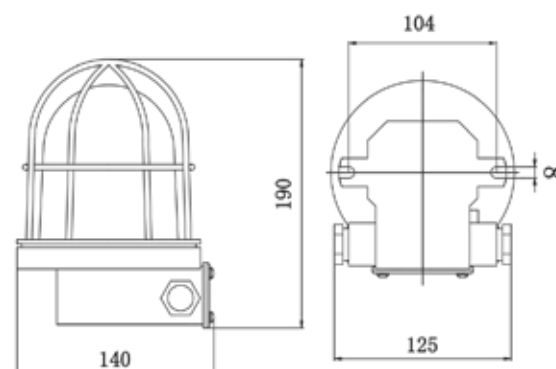| Type	Voltage	Power	Light Source	Colour Temperature	Luminous Flux	Material	Size		Class of protection
							L	L1	
UJCY26-1LM	85V-240V	10W*2	LED	6000K-6500K	2000 lm	Iron or Stainless Steel	692	500	IP66
UJCY26-1LME		10W*2							
UJCY26-2LM		20W*2			4000 lm				
UJCY26-2LME		20W*2							

Please indicate before ordering: "E" after the model number means with emergency light , "M" means module LED, "B"means with emergency battery device, "S"means stainless steel Material.

LED PENDANT LIGHT

UCCD9-6L
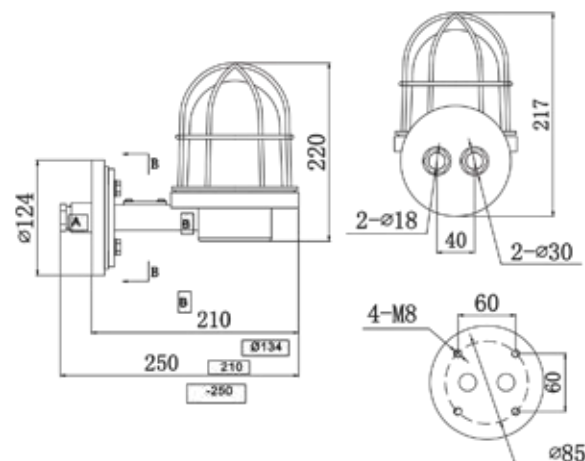
UCCD9-5L

Application scope:

It is suitable for illuminating places on various ships where there are dripping, splashing, and condensation, such as boiler rooms, dry cargo holds, pipelines, open decks, etc.
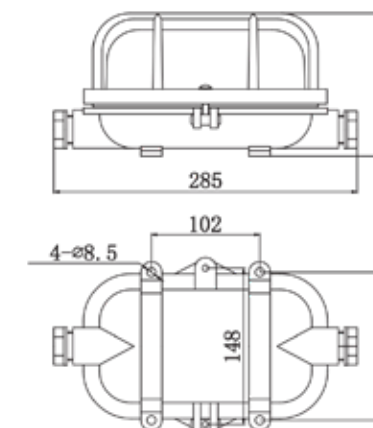
Product features:

1. The shell is made of high-quality brass.
2. The lampshade is made of high-strength and high-transparency glass.
3. The light source has a lifespan of 50,000 hours.
4. It is a green and environmentally friendly product, energy-saving by more than 50% and easy to install.
5. LED colour rendering index: Ra≥80.
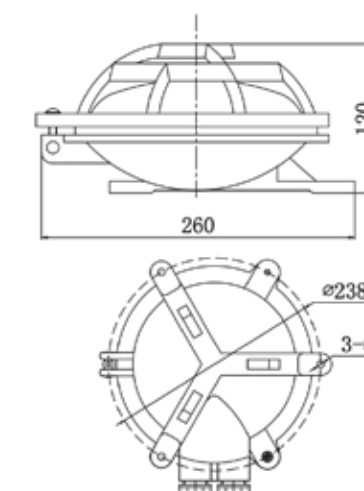6. Working temperature:-30℃ to 50℃.

Specification

Type	Voltage	Power	Illuminant	Luminous Flux	Colour Temperature	Material	Class of protection	Cable OD
UCCD9 - 6LM	85V-240V	13W	LED	1200 lm	5000K-5500K	Brass	IP66	Ø8-12mm
UCCD9 - 6ALM	24V							
UCCD9 - 5LM	85V-240V							
UCCD9 - 5ALM	24V							

LED PENDANT LIGHT

UCCD2-1-2L

UCCD4-1L

Application scope:

It is suitable for illuminating places on various ships where there are dripping, splashing, and condensation, such as boiler rooms, dry cargo holds, pipelines, open decks, etc.
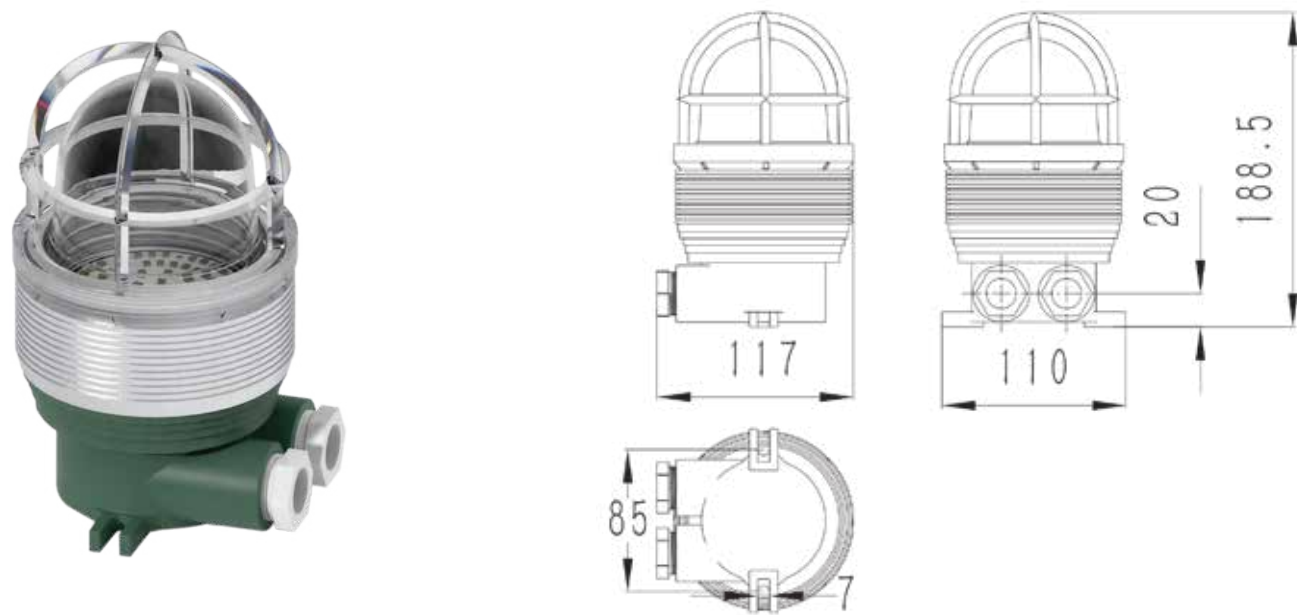
Product features:

1. The shell is made of high-quality aluminium.
2. The lampshade is made of high-strength and high-transparency glass.
3. The light source has a lifespan of 30,000 hours.
4. It is a green and environmentally friendly product, energy-saving by more than 50% and easy to install.
5. LED colour rendering index: Ra≥80.
6. Working temperature:-30℃ to 50℃.

Specification

Type	Voltage	Power	Illuminant	Luminous Flux	Colour Temperature	Material	Class of protection	Cable OD
UCCD2 - 1 - 2L	100V-240V	9W	LED Bulb	900 lm	5000K-5500K	Aluminium	IP66	Ø12-14mm
UCCD4 - 1L								

LED WORK LIGHT

Application scope:

It is suitable for illuminating places on various ships where there are dripping, splashing, and condensation, such as boiler rooms, dry cargo holds, pipelines, open decks, etc.
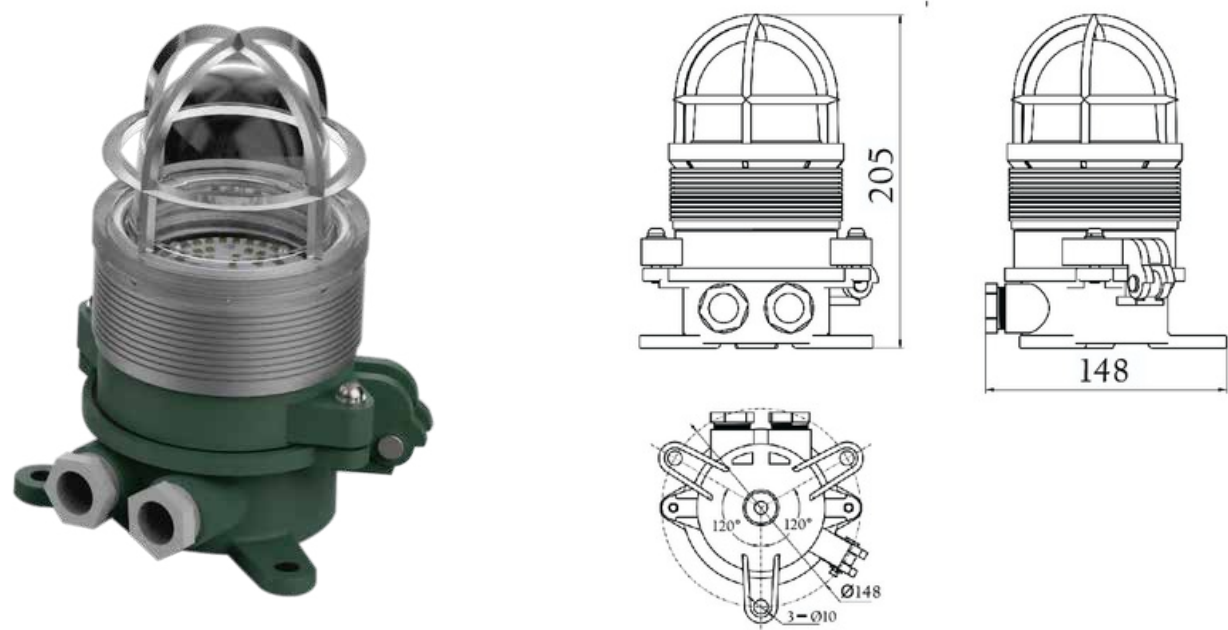
Product features:

1. The shell is made of high-quality Synthetic resin.
2. The lampshade is made of high-strength and high-transmittance PC.
3. The light source has a lifespan of 50,000 hours.
4. It is a green and environmentally friendly product, energy-saving by more than 50% and easy to install.
5. LED colour rendering index: Ra≥80
6. Working temperature:-30℃ to 50℃

Specification

Type	Voltage	Power	Illuminant	Luminous Flux	Colour Temperature	Material	Class of protection	L Size
UCCD5 - 2LM	24V	13W	LED	1200 lm	5000K-5500K	Synthetic resin	IP66	189mm
UCCD6 - 2LM	100V-240V	13W		1200 lm				189mm
		30W		2900 lm				212mm

LED WORK LIGHT

Application scope:

It is suitable for illuminating places on various ships where there are dripping, splashing, and condensation, such as boiler rooms, dry cargo holds, pipelines, open decks, etc.
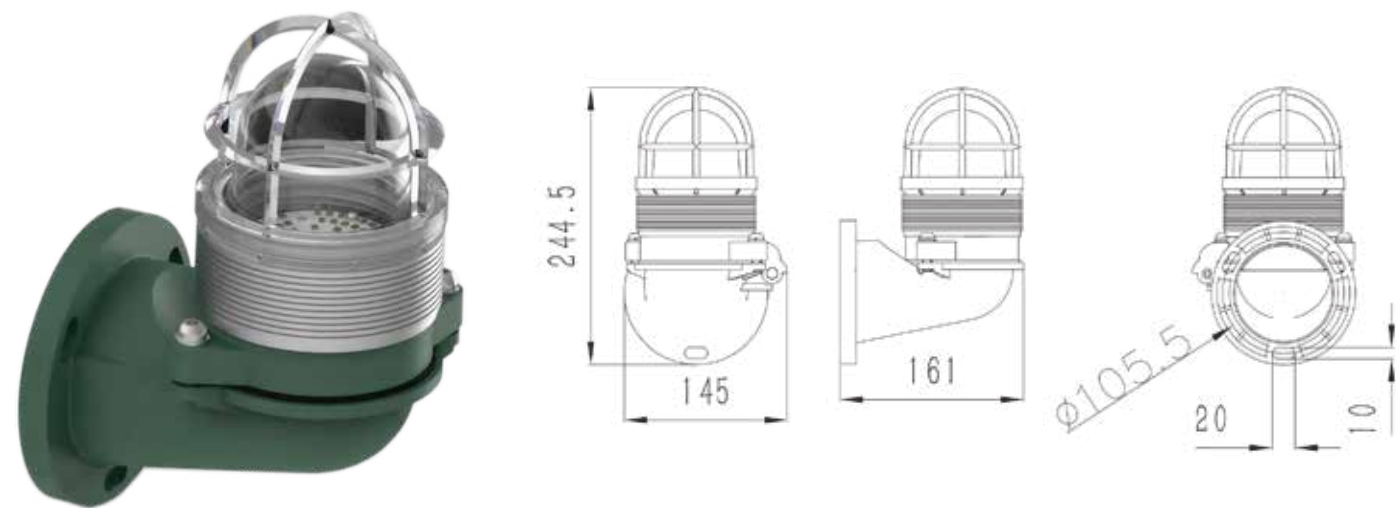
Product features:

1. The shell is made of high-quality Synthetic resin.
2. The lampshade is made of high-strength and high-transmittance PC.
3. The light source has a lifespan of 50,000 hours.
4. It is a green and environmentally friendly product, energy-saving by more than 50% and easy to install.
5. LED colour rendering index: Ra≥80
6. Working temperature:-30℃ to 50℃

Specification

Type	Voltage	Power	Illuminant	Luminous Flux	Colour Temperature	Material	Class of protection	L Size
UDS7 - 1LM	24V	13W	LED	1200 lm	5000K-5500K	Synthetic resin	IP66	205mm
UDS7 - 2LM	100V-240V			1200 lm				
		30W		2900 lm				228mm

LED WALL LIGHT

Application scope:

It is suitable for illuminating places on various ships where there are dripping, splashing, and condensation, such as boiler rooms, dry cargo holds, pipelines, open decks, etc.
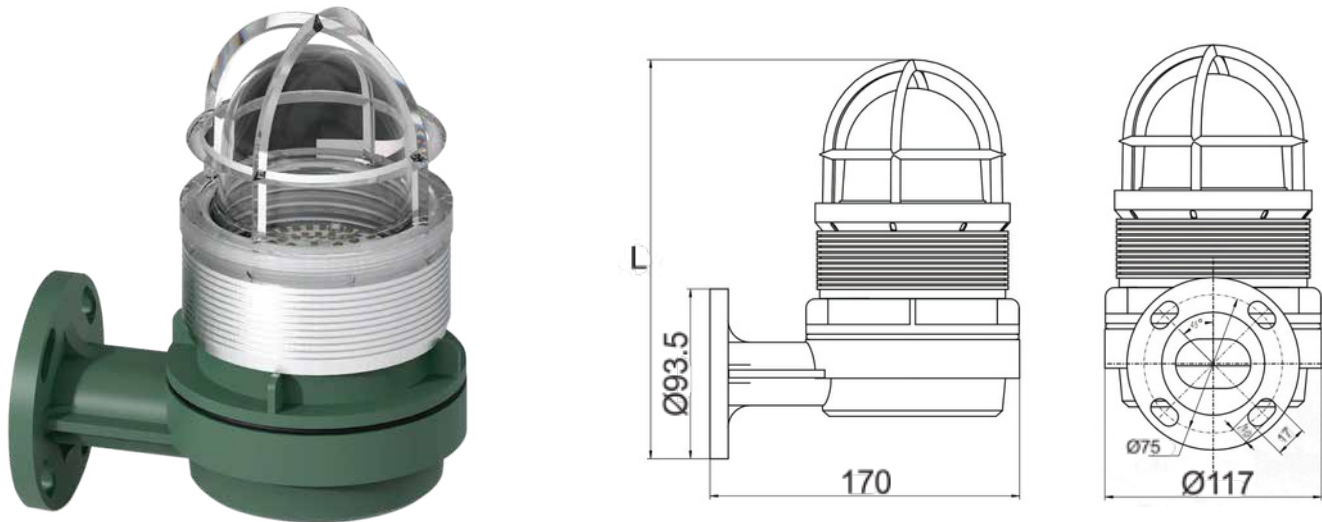
Product features:

1. The shell is made of high-quality Synthetic resin.
2. The lampshade is made of high-strength and high-transmittance PC.
3. The light source has a lifespan of 50,000 hours.
4. It is a green and environmentally friendly product, energy-saving by more than 50% and easy to install.
5. LED colour rendering index: Ra≥80
6. Working temperature:-30℃ to 50℃

Specification

Type	Voltage	Power	Illuminant	Luminous Flux	Colour Temperature	Material	Class of protection	L Size
UWB - 1LM	24V	13W	LED	1200 lm	5000K-5500K	Synthetic resin	IP66	245mm
UWB - 2LM	85V-240V			1200 lm				
		30W		2900 lm				268mm

LED WALL LIGHT

Application scope:

It is suitable for illuminating places on various ships where there are dripping, splashing, and condensation, such as boiler rooms, dry cargo holds, pipelines, open decks, etc.
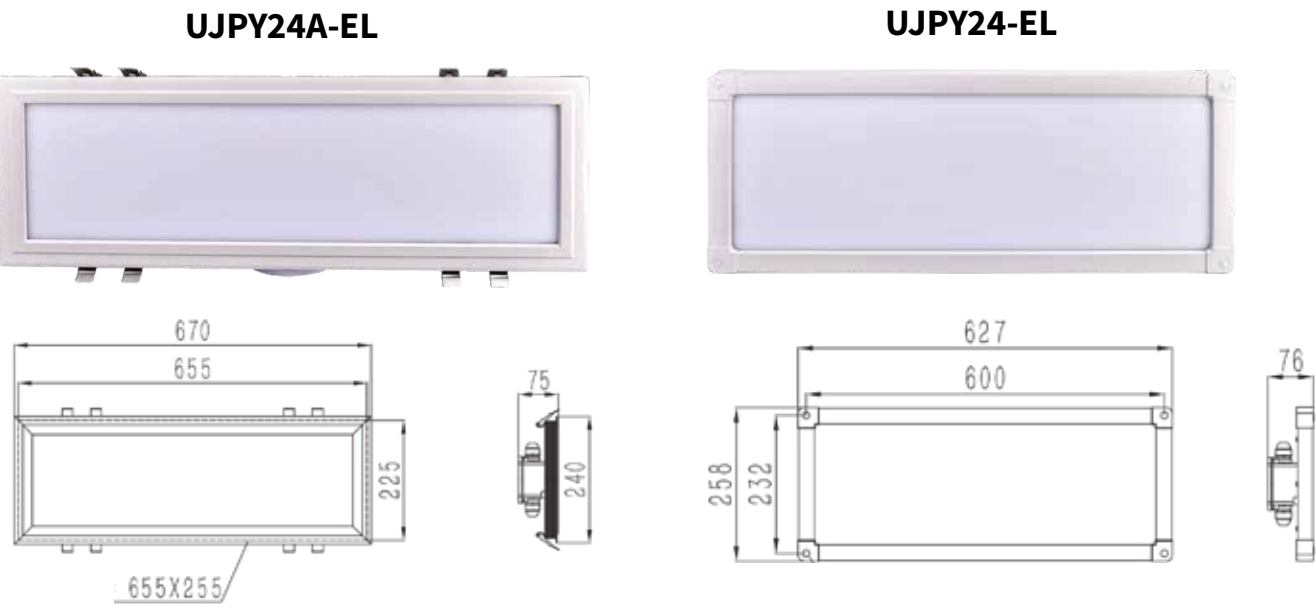
Product features:

1. The shell is made of high-quality Synthetic resin.
2. The lampshade is made of high-strength and high-transmittance PC.
3. The light source has a lifespan of 50,000 hours.
4. It is a green and environmentally friendly product, energy-saving by more than 50% and easy to install.
5. LED colour rendering index: Ra≥80
6. Working temperature:-30℃ to 50℃

Specification

Type	Voltage	Power	Illuminant	Luminous Flux	Colour Temperature	Material	Class of protection	L Size
UWB - 2BLM	85V-240V	13W	LED	1200 lm	5000K-5500K	Synthetic resin	IP66	220mm
		30W		2900 lm				243mm

LED CEILING LIGHT

UJPY24A-EL

**UJPY24-EL**

670
655
75
240
225
655X255

627
600
76
258
232

Application scope:

It is suitable for illuminating walkways, laundry rooms, bathrooms, conference rooms, control rooms, and restrooms in various types of ships and offshore oil platforms.

Product features:

1. The shell is made of high-quality aluminum material.
2. The lampshade is made of high-strength and high-transparency PC.
3. The light source has a lifespan of 50,000 hours.
4. It is a green and environmentally friendly product, energy-saving by more than 50% and easy to install.
5. LED colour rendering index: Ra≥80
6. Working temperature:-30℃ to 50℃

Specification

Type	Voltage	Power	Illuminant	Luminous Flux	Colour Temperature	Material	Class of protection
UJPY24A - EL	100V-240V+24V	24W+5W	LED	2000 lm	4000K-4500K	Aluminium	IP66
UJPY24 - EL	100V-240V+24V	24W+5W		2000 lm			

LED CEILING LIGHT

L₂
2(N+1)-⌀6
4-⌀6
L₃Xn
L
L₁
W₂
W₃
W
W₁
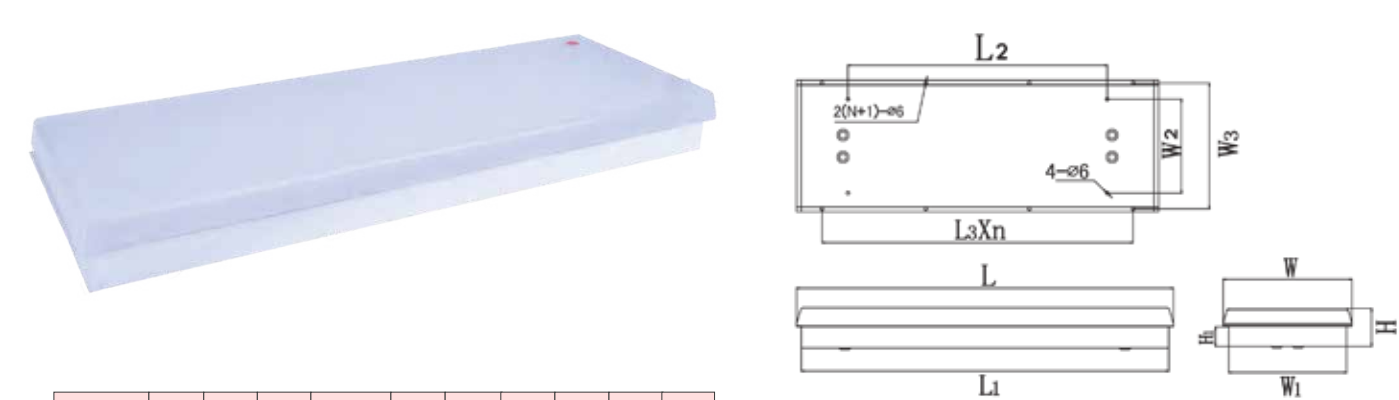
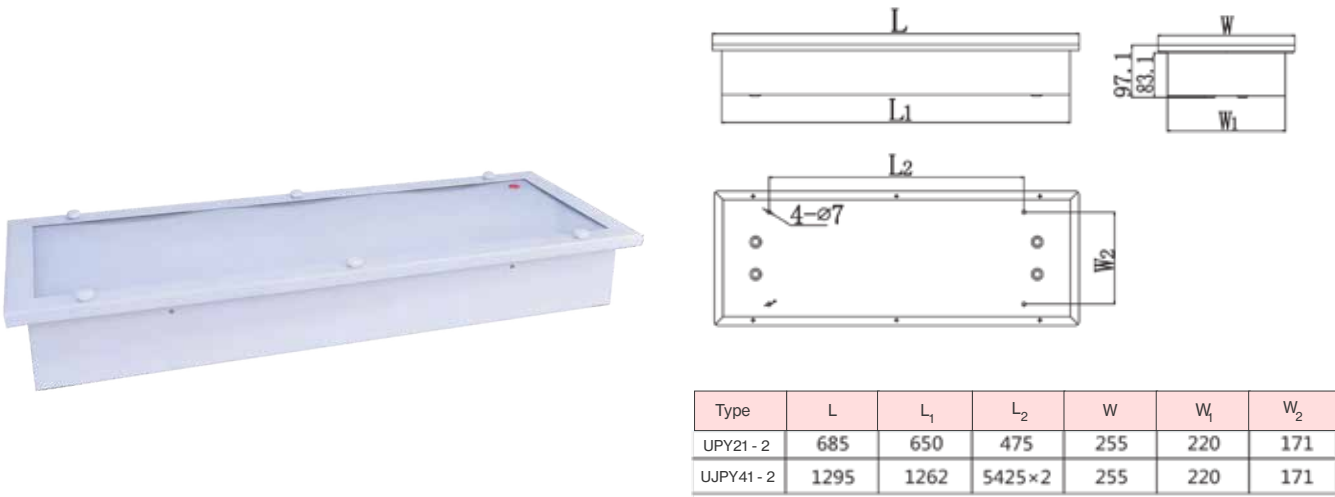| Type	L	L₁	L₂	L₃xn	W	W₁	W₂	W₃	H	H₁
UJPY20 - 2	664	647	475	190×3	241	220	171	229	69	37
UJPY40 - 2	1274	1250	1085	280×4	258	222	171	232	65	34

Application scope:

It is suitable for illuminating places on various ships where there are dripping, splashing, and condensation, such as boiler rooms, dry cargo holds, pipelines, open decks, etc.

Product features:

1. The shell is made of high-quality steel material.
2. The lampshade is made of high-strength and high-transparency PC.
3. The light source has a lifespan of 50,000 hours.
4. It is a green and environmentally friendly product, energy-saving by more than 50% and easy to install.
5. LED colour rendering index: Ra≥80
6. Working temperature:-30℃ to 50℃

Specification

Type	Voltage	Power	Illuminant	Luminous Flux	Colour Temperature	Material	Class of protection
UJPY20 - 2L	85V-240V	10W*2	LED Tube	1400lm	6000K-6500K	Iron or Stainless Steel	IP44
UJPY20 - 2LE							
UJPY20 - 2LM			LED Module	2000lm			
UJPY20 - 2LME							

Please indicate before ordering: "E" after the model number means with emergency light , "M" means module LED, "B"means with emergency battery device, "S"means stainless steel Material.

LED CEILING LIGHT

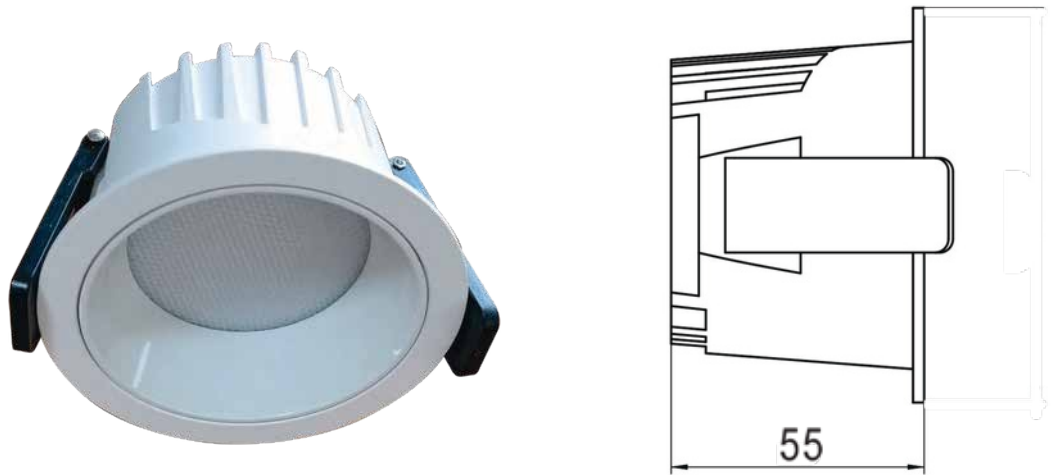| Type	L	L₁	L₂	W	W₁	W₂
UPY21 - 2	685	650	475	255	220	171
UJPY41 - 2	1295	1262	5425×2	255	220	171

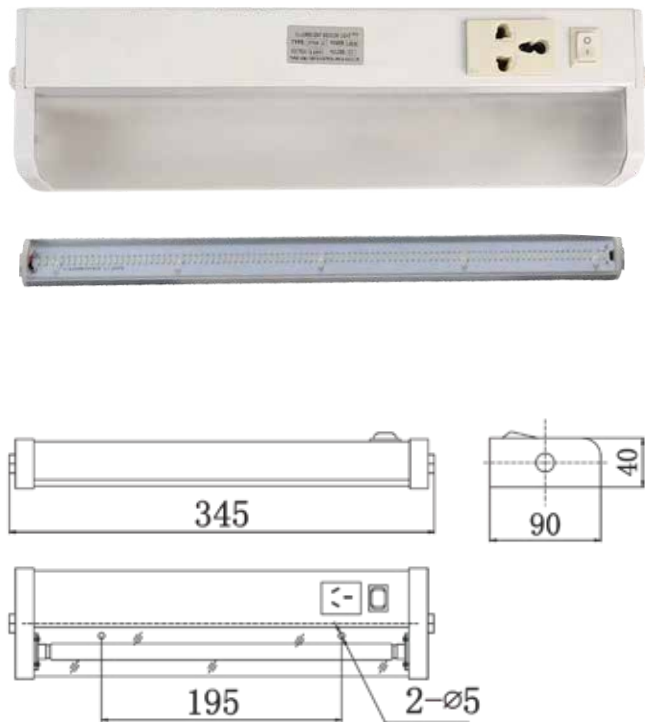**Application scope:**

It is suitable for illuminating walkways, laundry rooms, bathrooms, conference rooms, control rooms, and restrooms in various types of ships and offshore oil platforms.

Product features:

1. The shell is made of high-quality steel material.
2. The lampshade is made of high-strength and high-transparency PC.
3. The LED module has a lifespan of 50,000 hours, the LED tube has a lifespan of 50,000 hours.
4. It is a green and environmentally friendly product, energy-saving by more than 50% and easy to install.
5. LED colour rendering index: Ra≥80
6. Working temperature:-30℃ to 50℃

Specification

Type	Voltage	Power	Illuminant	Luminous Flux	Colour Temperature	Material	Class of protection
UJPY21 - 2L	85V-240V	10W*2	LED Tube	1400 lm	6000K-6500K	Iron or Stainless Steel	IP44
UJPY21 - 2LE				1400 lm			
UJPY21 - 2LM			LED Module	1800 lm			
UJPY21 - 2LME				1800 lm			
UJPY41 - 2L		20W*2	LED Tube	2800 lm			
UJPY41 - 2LE				2800 lm			
UJPY41 - 2LM			LED Module	3600 lm			
UJPY41 - 2LME				3600 lm			

Please indicate before ordering: "E" after the model number means with emergency light , "M" means module LED, "B"means with emergency battery device, "S"means stainless steel Material.

LED CEILING LIGHT

55

Application scope:

It is suitable for illuminating walkways, laundry rooms, bathrooms, conference rooms, control rooms, and restrooms in various types of ships and offshore oil platforms.

Product features:

1. The shell is made of high-quality aluminum material.
2. The lampshade is made of high-strength and high-transparency PC with anti-glare design.
3. The light source has a lifespan of 50,000 hours.
4. It is a green and environmentally friendly product, energy-saving by more than 50% and easy to install.
5. LED colour rendering index: Ra≥80
6. Working temperature:-30℃ to 50℃

Specification

Type	Voltage	Power	Illuminant	Luminous Flux	Mounting Hole OD	Colour Temperature	Material	Class of protection
UTD - 10	24V/85V-240V	10W	LED	600 lm	75mm	4000K-4500K	Aluminum	IP66
UTD - 15	85V-240V	15W		900 lm	95mm			
UTD - 24	85V-240V	24W		1400 lm	120mm			

LED BEDSIDE LAMP

UJTY08 - 1CL

345

40

90

195

2-Ø5

Application scope:

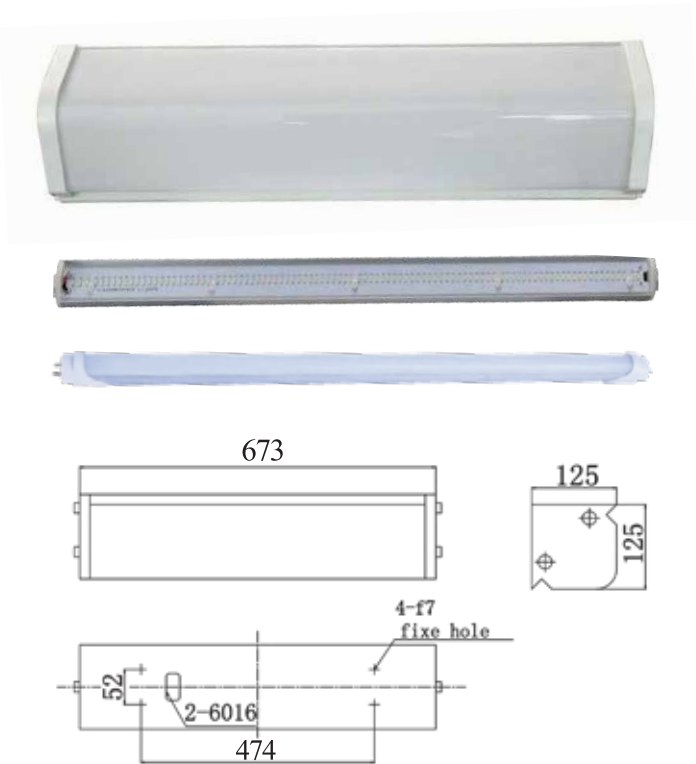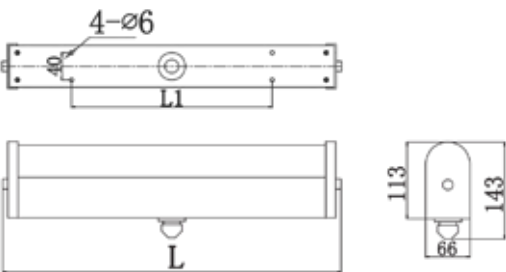It is suitable for bedside lighting in living quarters of ships.

Product features:

1. The shell is made of high-quality iron.
2. The lampshade is made of high-strength and high-transparency PC.
3. The LED module has a lifespan of 50,000 hours, the LED tube has a lifespan of 50,000 hours.
4. It is a green and environmentally friendly product, energy-saving by more than 50% and easy to install.
5. LED colour rendering index: Ra≥80
6. Working temperature:-30℃ to 50℃

Specification

Type	Voltage	Power	Illuminant	Luminous Flux	Colour Temperature	Material	Class of protection
UJTY08 - 1CL	85V-240V	5W	LED Module	500 lm	4000K-4500K	Iron	IP34
UJBY20 - 1L		10W	LED Tube	800 lm	6000K-6500K		
UJBY20 - 1LE			LED Tube				
UJBY20 - 1LM			LED Module	1000 lm			
UJBY20 - 1LME			LED Module				

LED CORNER LIGHT

UJBY20 - 1L

673

125

125

52

2-6016

474

4-f7
fixe hole

LED MIRROR LIGHT

4-Ø6

L1

113

143

66

L

Type	L	L1
UCBD17 - C	488	300
UCBD17 - E	640	455

Application scope:

Applied to the illumination of such wet places as sidewalk, washroom, bathroom, sailors and rest room etc.

Product features:

1. The shell is made of high-quality iron.
2. The lampshade is made of high-strength and high-transparency PC.
3. The LED module has a lifespan of 50,000 hours, the LED tube has a lifespan of 50,000 hours.
4. It is a green and environmentally friendly product, energy-saving by more than 50% and easy to install.
5. LED colour rendering index: Ra≥80
6. Working temperature:-30℃ to 50℃

Specification

Type	Voltage	Power	Illuminant	Luminous Flux	Colour Temperature	Material	Class of protection
UCBD17 - CL	85V-240V	10W	LED	800 lm	6000K-6500K	Iron	IP34
UCBD17 - CLM			LED	1000 lm			

LED NAVIGATION SIGNAL LIGHT

Application scope:

Applied to the ships with the length 50m or above 50m as lamp signal liaision when night navigation.

Product features:

1. The shell is made of high-quality engineering plastic.
2. The lampshade is made of high-strength and high-transparency PC.
3. The LED module has a lifespan of 50,000 hours, the LED tube has a lifespan of 50,000 hours.
4. It is a green and environmentally friendly product, energy-saving by more than 50% and easy to install.
5. Working temperature:-30℃ to 50℃

Standard:

1. Conform to 《THE INTERNATIONAL REGULATIONS FOR PREVENTINGS COLLISION AT SEA,1972》 and 《GRADE ENTRY NORMS FOR STEEL SHIPS》.
2. Conform to the international standard IEC60598-1-2008.
3. Conform to the standard of marine electric signal light's technical condition GB/T 3028-1995.

LED Bulb

LED Module

Specification

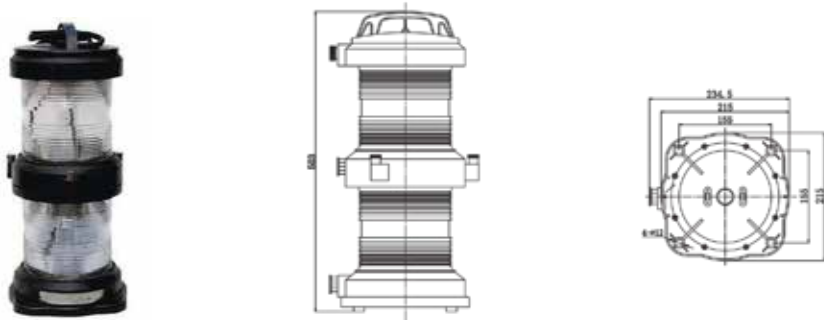| Type	Name	Visibility	Level arc	Voltage	Illuminant	Lamp Holder	Bulb	Color	Protection Class	Cable Outside Diameter
UCXH1-101PL	Double-deck starboard light	3n.m	112.5°	110V/220V	LED Bulb	P28S	15W*2	Green	IP56	Ø10-Ø12
UCXH2-101PL	Double-deck port light	3n.m	112.5°					Red		
UCXH3-101PL	Double-deck masthead light	6n.m	225°					Transparent		
UCXH4-101PL	Double-deck stern light	3n.m	135°					Transparent or yellow		
UCXH6-101PL	Double-deck all-round light	3n.m	360°					Red or green or transparent		
UCXH1-101PLM	Double-deck starboard light	3n.m	112.5°	110V/220V	LED Module		12W*2	Green	IP56	Ø10-Ø12
UCXH2-101PLM	Double-deck port light	3n.m	112.5°					Red		
UCXH3-101PLM	Double-deck masthead light	6n.m	225°					Transparent		
UCXH4-101PLM	Double-deck stern light	3n.m	135°					Transparent or yellow		
UCXH6-101PLM	Double-deck all-round light	3n.m	360°					Red or green or transparent		

UCXH1 - 101PL
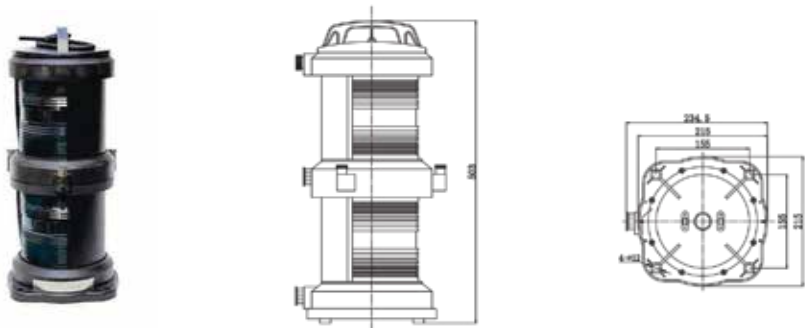
UCXH2 - 101PL
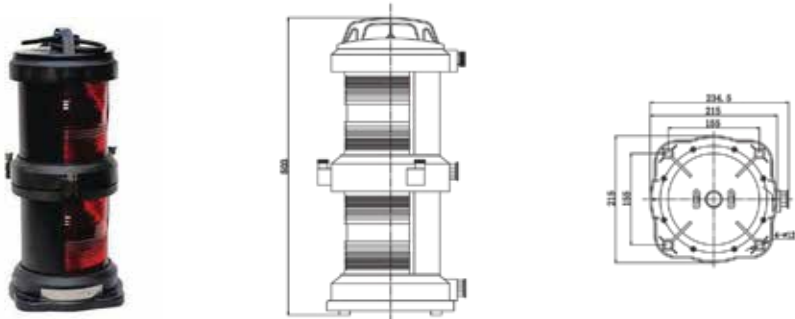
UCXH3 - 101PL
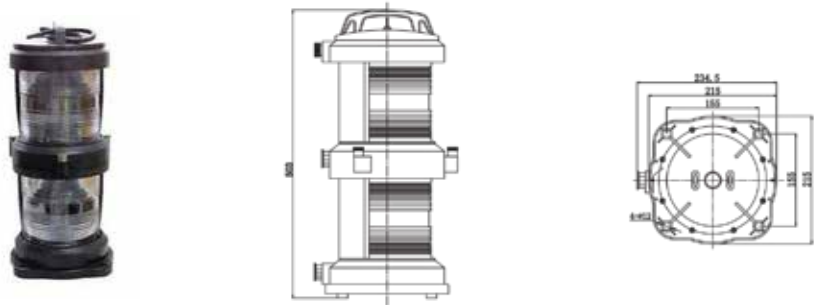
UCXH4 - 101PL
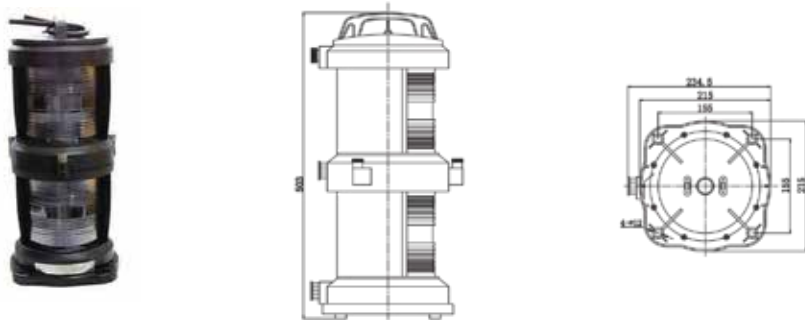
UCXH6 - 101PL

LED NAVIGATION SIGNAL LIGHT

Application scope:

Applied to the ships with the length 50m or above 50m as lamp signal liaision when night navigation.

Product features:

1. The shell is made of high-quality engineering plastic.
2. The lampshade is made of high-strength and high-transparency PC.
3. The LED module has a lifespan of 50,000 hours, the LED tube has a lifespan of 50,000 hours.
4. It is a green and environmentally friendly product, energy-saving by more than 50% and easy to install.
5. Working temperature:-30℃ to 50℃

Standard:

1. Conform to 《THE INTERNATIONAL REGULATIONS FOR PREVENTINGS COLLISION AT SEA,1972》 and 《GRADE ENTRY NORMS FOR STEEL SHIPS》.
2. Conform to the international standard IEC60598-1-2008.
3. Conform to the standard of marine electric signal light's technical condition GB/T 3028-1995.

LED Bulb

LED Module

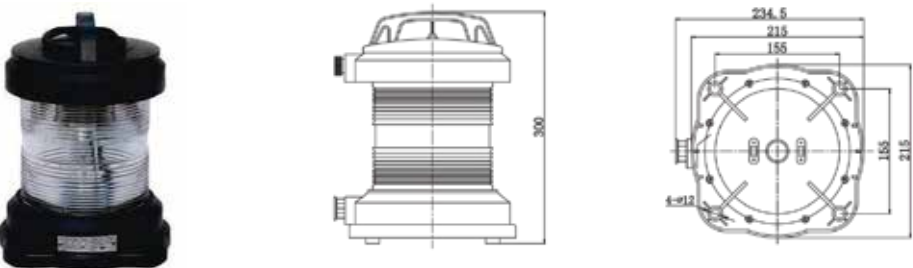| Type	Name	Visibility	Level arc	Voltage	Illuminant	Lamp Holder	Bulb	Color	Protection Class	Cable Outside Diameter
UCXH1-11PL	Starboard light	3n.m	112.5°	110V/220V	LED Bulb	P28S	15W	Green	IP56	Ø10-Ø12
UCXH2-11PL	Port light	3n.m	112.5°					Red		
UCXH3-11PL	Masthead light	6n.m	225°					Transparent		
UCXH4-11PL	Stern light	3n.m	135°					Transparent or yellow		
UCXH6-11PL	All-round light	3n.m	360°					Red or green or transparent		
UCXH1-11PLM	Starboard light	3n.m	112.5°	110V/220V	LED Module	Dedicated lamp holder	12W	Green	IP56	Ø10-Ø12
UCXH2-11PLM	Port light	3n.m	112.5°					Red		
UCXH3-11PLM	Masthead light	6n.m	225°					Transparent		
UCXH4-11PLM	Stern light	3n.m	135°					Transparent or yellow		
UCXH6-11PLM	All-round light	3n.m	360°					Red or green or transparent		

UCXH1-11PL
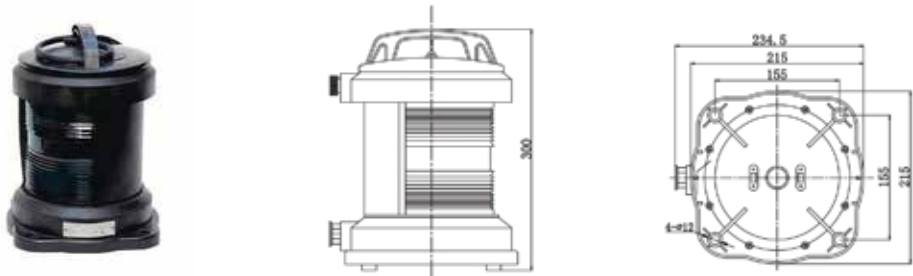
UCXH2-11PL
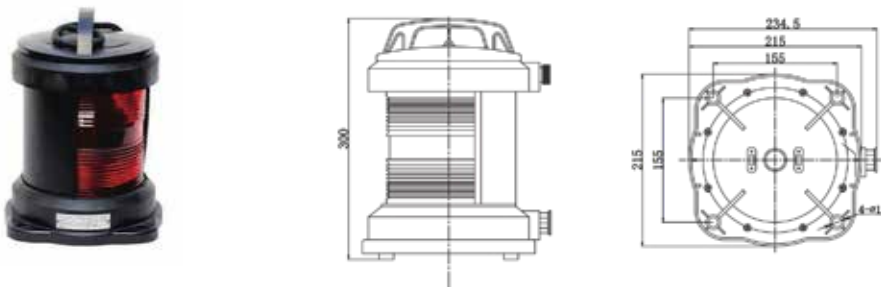
UCXH3-11PL
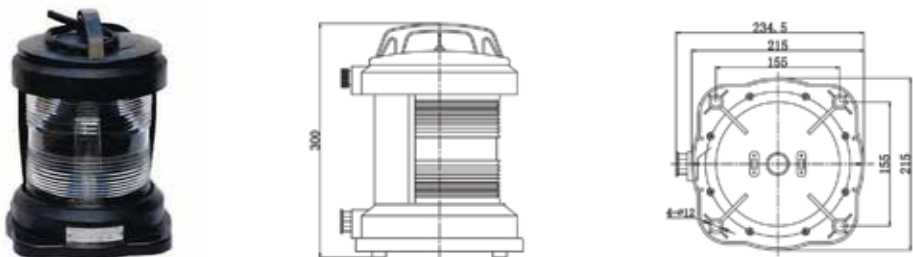
UCXH4-11PL
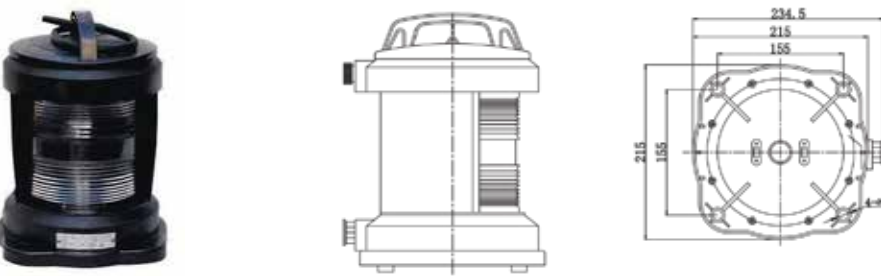
UCXH6-11PL

LED NAVIGATION SIGNAL LIGHT

Technology Explain:

This series of navigation signal lamps are new products based on the original double-layer structure and through technological upgrading. The optical structure is still double-layer and meets the requirements of IEC60945:2002 standard and Chapter Ⅲ of the 1972 International Regulations for Preventing Collisions at Sea and its amendments. The improved products have the advantages of light weight reduction, more reasonable structure and more stable and reliable optical performance.

Application scope:

Applied to the ships with the length 50m or above 50m as lamp signal liaision when night navigation.

Product features:

1. The shell is made of high-quality brass.
2. The lampshade is made of high-strength and high-transparency PC.
3. The light source has a lifespan of 50,000 hours.
4. It is a green and environmentally friendly product, energy-saving by more than 50% and easy to install.
5. Working temperature:-30℃ to 50℃

Standard:

1. Conform to 《THE INTERNATIONAL REGULATIONS FOR PREVENTINGS COLLISION AT SEA,1972》 and 《GRADE ENTRY NORMS FOR STEEL SHIPS》.
2. Conform to the international standard IEC60598-1-2008.
3. Conform to the standard of marine electric signal light's technical condition GB/T 3028-1995.

LED Module

Specification

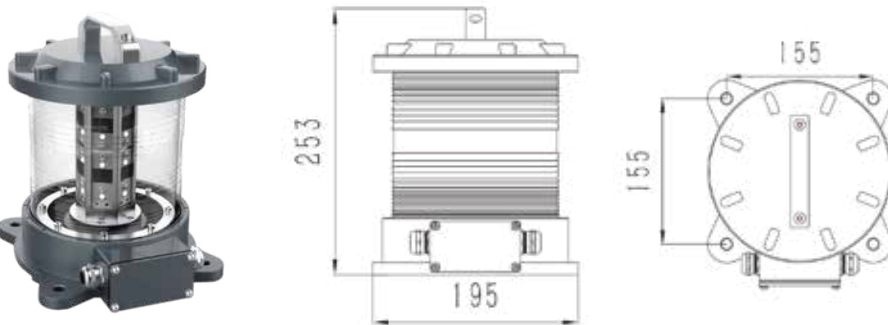| Type	Name	Visibility	Level arc	Voltage	Illuminant	Lamp Holder	Bulb	Color	Protection Class	Cable Outside Diameter
UCXH1-102LM	Double-deck starboard light	3n.m	112.5°	110V/220V	LED Module	Dedicated lamp holder	12W*2	Green	IP66	Ø10-Ø12
UCXH2-102LM	Double-deck port light	3n.m	112.5°					Red		
UCXH3-102LM	Double-deck masthead light	6n.m	225°					Transparent		
UCXH4-102LM	Double-deck stem light	3n.m	135°					Transparent or yellow		
UCXH6-102LM	Double-deck all-round light	3n.m	360°					Red or green or transparent		

UCXH1-102LM
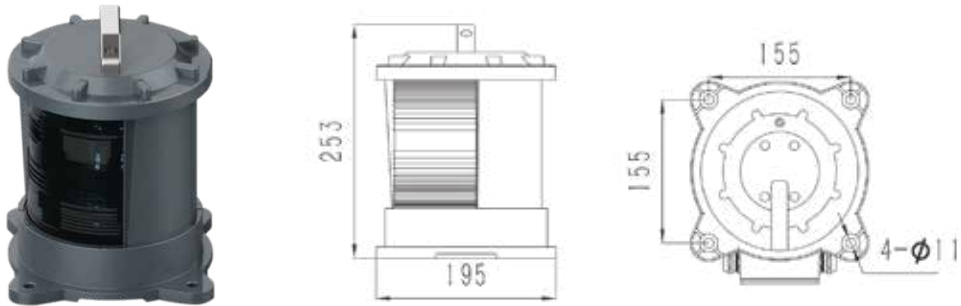
UCXH2-102LM
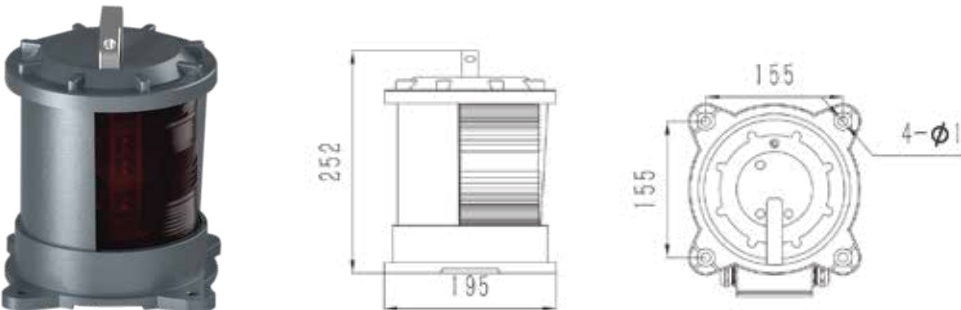
UCXH3-102LM

UCXH4-102LM
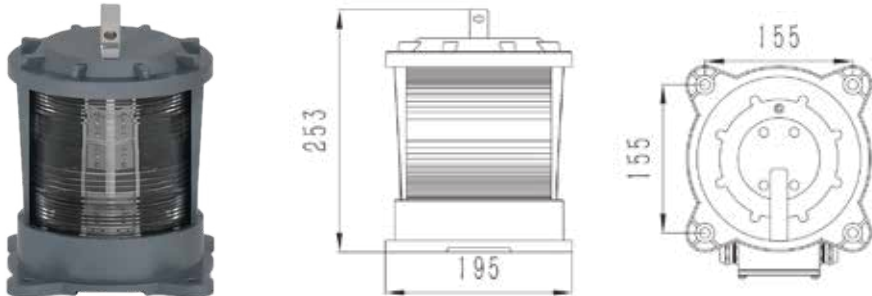
UCXH6-102LM

LED NAVIGATION SIGNAL LIGHT

Application scope:

Applied to the ships with the length 50m or above 50m as lamp signal liaision when night navigation.

Product features:

1. The shell is made of high-quality brass.
2. The lampshade is made of high-strength and high-transparency PC.
3. The light source has a lifespan of 50,000 hours.
4. It is a green and environmentally friendly product, energy-saving by more than 50% and easy to install.
5. Working temperature:-30℃ to 50℃

Standard:

1. Conform to《THE INTERNATIONAL REGULATIONS FOR PREVENTINGS COLLISION AT SEA,1972》and《GRADE ENTRY NORMS FOR STEEL SHIPS》.
2. Conform to the international standard IEC60598-1-2008.
3. Conform to the standard of marine electric signal light's technical condition GB/T 3028-1995.

LED Module

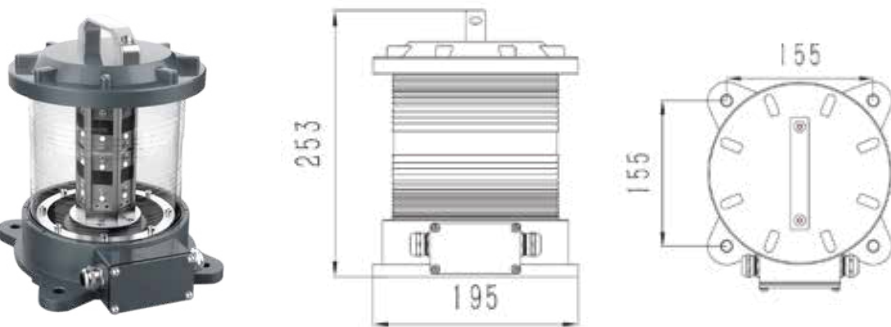| Type	Name	Visibility	Level arc	Voltage	Illuminant	Lamp Holder	Bulb	Color	Protection Class	Cable Outside Diameter
UCXH1-12LM	Starboard light	3n.m	112.5°	110V/220V	LED Module	Dedicated lamp holder	12W	Green	IP66	Ø10-Ø12
UCXH2-12LM	Port light	3n.m	112.5°					Red		
UCXH3-12LM	Masthead light	6n.m	225°					Transparent		
UCXH4-12LM	Stern light	3n.m	135°					Transparent or yellow		
UCXH6-12LM	All-round light	3n.m	360°					Red or green or transparent		

UCXH1-12LM
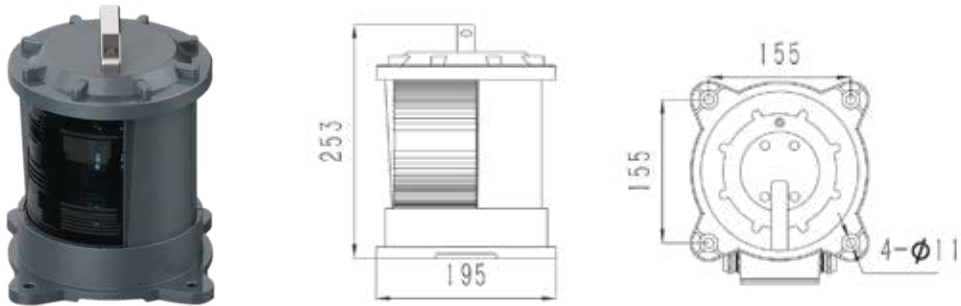
UCXH2-12LM
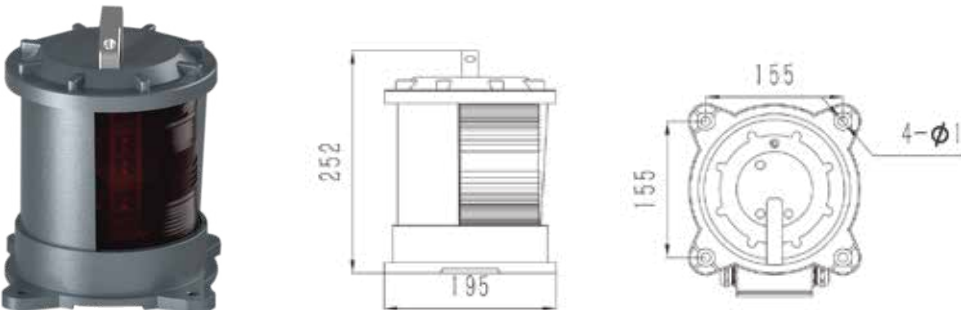
UCXH3-12LM

UCXH4-12LM
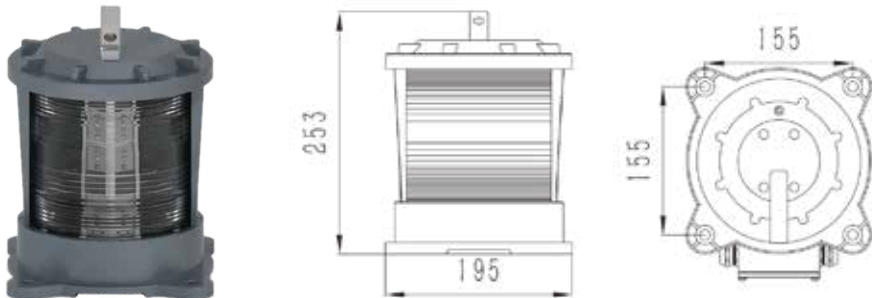
UCXH6-12LM

LED LOW TEMPERATURE NAVIGATION SIGNAL LIGHT

Technology Explain:

This series of navigation signal lamps are new products based on the original double-layer structure and through technological upgrading. The optical structure is still double-layer and meets the requirements of IEC60945:2002 standard and Chapter Ⅲ of the 1972 International Regulations for Preventing Collisions at Sea and its amendments. The improved products have the advantages of light weight reduction, more reasonable structure and more stable and reliable optical performance.

Application scope:

Applied to the ships with the length 50m or above 50m as lamp signal liaision when night navigation.

Product features:

1. The shell is made of high-quality brass.
2. The lampshade is made of high-strength and high-transparency PC.
3. The light source has a lifespan of 50,000 hours.
4. It is a green and environmentally friendly product, energy-saving by more than 50% and easy to install.
5. Working temperature:-50℃ to 50℃

Standard:

1. Conform to 《THE INTERNATIONAL REGULATIONS FOR PREVENTINGS COLLISION AT SEA,1972》 and 《GRADE ENTRY NORMS FOR STEEL SHIPS》.
2. Conform to the international standard IEC60598-1-2008.
3. Conform to the standard of marine electric signal light's technical condition GB/T 3028-1995.

LED Module

Specification

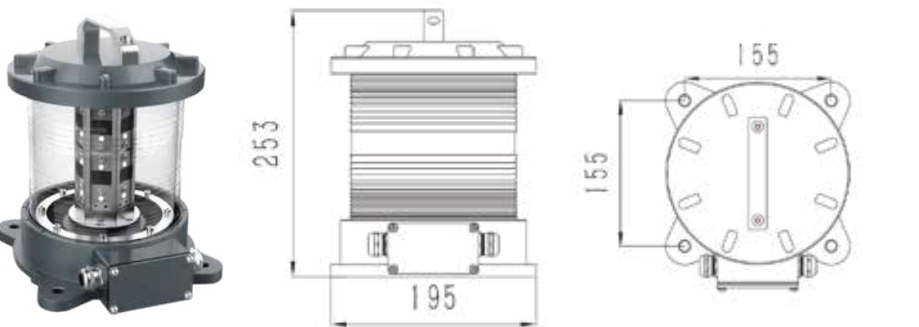| Type	Name	Visibility	Level arc	Voltage	Illuminant	Lamp Holder	Bulb	Color	Protection Class	Cable Outside Diameter
UCXH1-102DLM	Double-deck starboard light	3n.m	112.5°	110V/220V	LED Module	Dedicated lamp holder	12W*2	Green	IP66	Ø10-Ø12
UCXH2-102DLM	Double-deck port light	3n.m	112.5°					Red		
UCXH3-102DLM	Double-deck masthead light	6n.m	225°					Transparent		
UCXH4-102DLM	Double-deck stern light	3n.m	135°					Transparent or yellow		
UCXH6-102DLM	Double-deck all-round light	3n.m	360°					Red or green or transparent		

UCXH1-102DLM
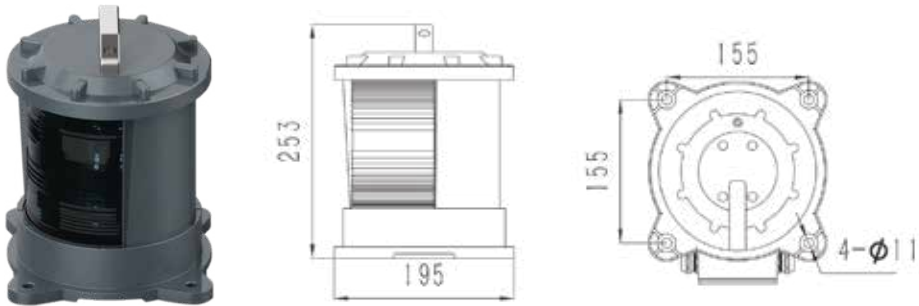
UCXH2-102DLM
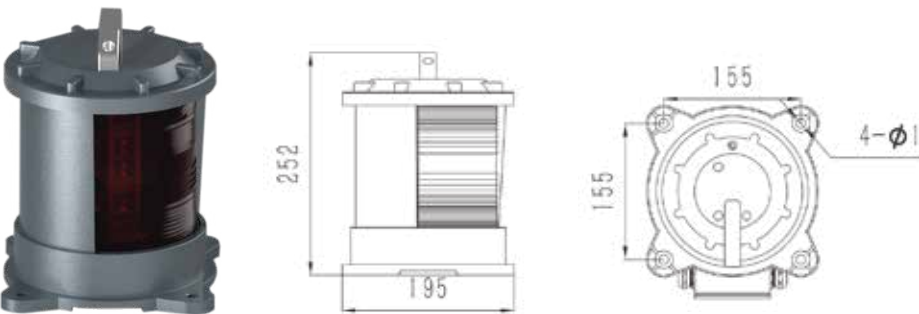
UCXH3-102DLM
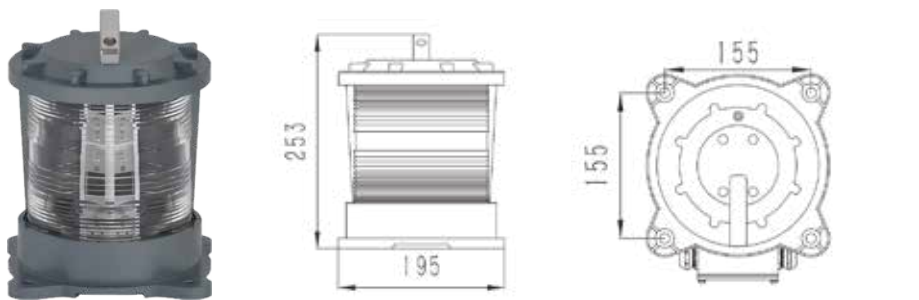
UCXH4-102DLM
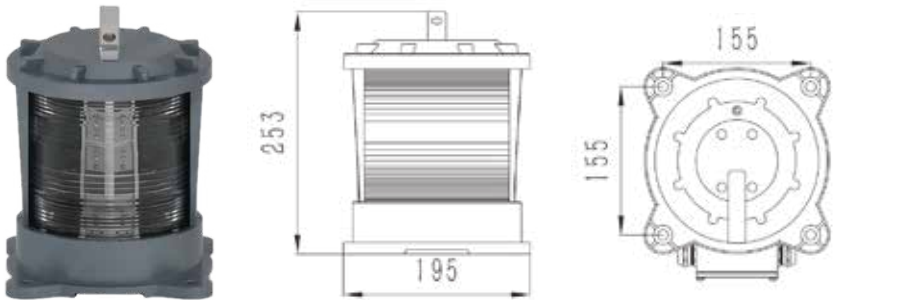
UCXH6-102DLM

LED LOW TEMPERATURE NAVIGATION SIGNAL LIGHT

Application scope:

Applied to the ships with the length 50m or above 50m as lamp signal liaision when night navigation.

Product features:

1. The shell is made of high-quality brass.
2. The lampshade is made of high-strength and high-transparency PC.
3. The light source has a lifespan of 50,000 hours.
4. It is a green and environmentally friendly product, energy-saving by more than 50% and easy to install.
5. Working temperature:-50℃ to 50℃

Standard:

1. Conform to《THE INTERNATIONAL REGULATIONS FOR PREVENTINGS COLLISION AT SEA.1972》and《GRADE ENTRY NORMS FOR STEEL SHIPS》.
2. Conform to the international standard IEC60598-1-2008.
3. Conform to the standard of marine electric signal light's technical condition GB/T 3028-1995.

LED Module

Specification

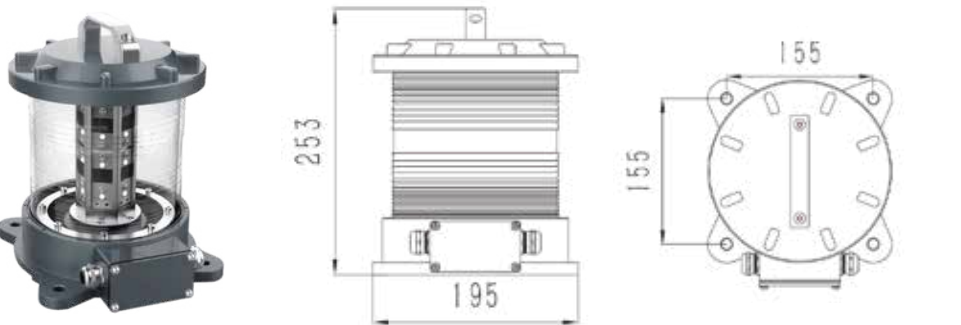| Type	Name	Visibility	Level arc	Voltage	Illuminant	Lamp Holder	Bulb	Color	Protection Class	Cable Outside Diameter
UCXH1-12DLM	Starboard light	3n.m	112.5°	110V/220V	LED Module	Dedicated lamp holder	12W	Green	IP66	Ø10-Ø12
UCXH2-12DLM	Port light	3n.m	112.5°					Red		
UCXH3-12DLM	Masthead light	6n.m	225°					Transparent		
UCXH4-12DLM	Stern light	3n.m	135°					Transparent or yellow		
UCXH6-12DLM	All-round light	3n.m	360°					Red or green or transparent		

UCXH1-12DLM
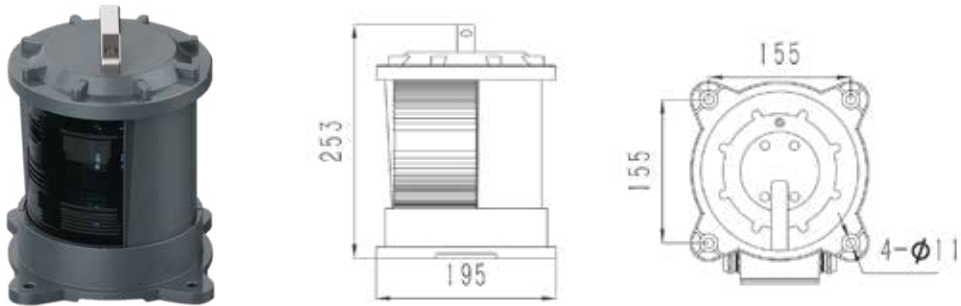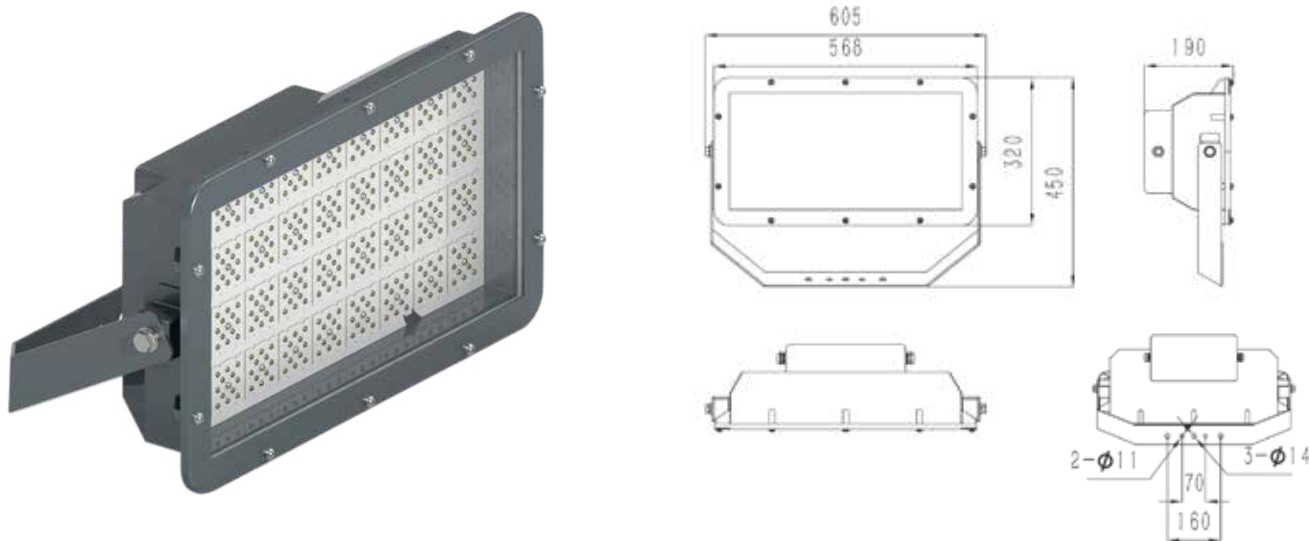
UCXH2-12DLM
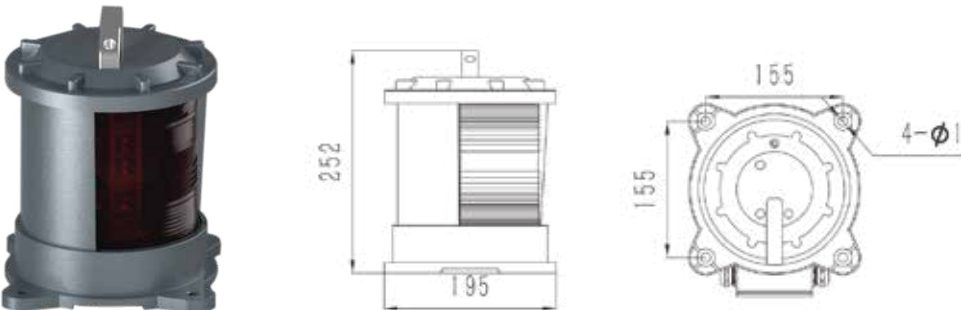
UCXH3-12DLM
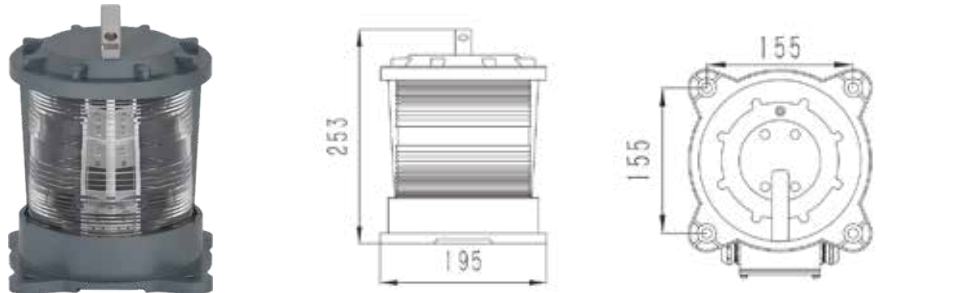
UCXH4-12DLM
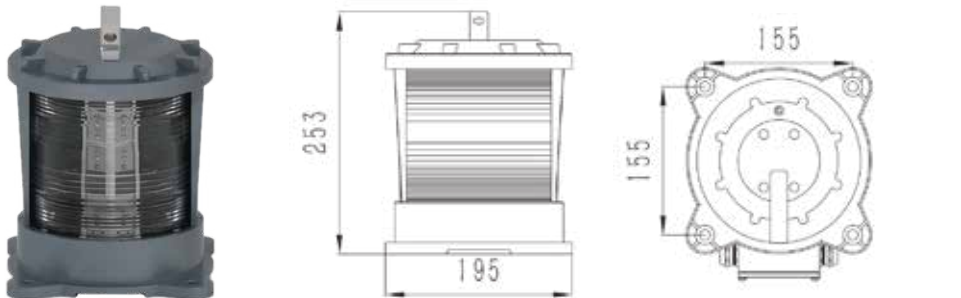
UCXH6-12DLM

LED SPOT LIGHT

Application scope:

This product is suitable for outdoor lighting in various ships, vessels, port terminals, cargo yards, and sports fields. It provides uniform and bright lighting, ensuring safety and visibility in the area.
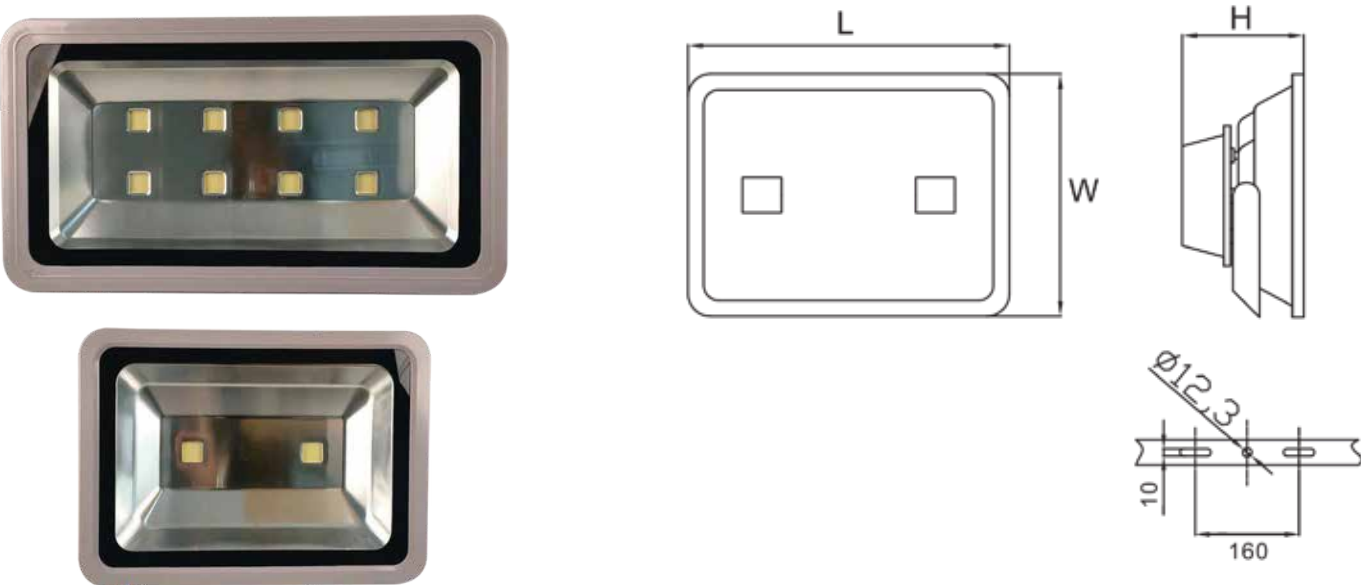
Product features:

1. The shell is made of high-quality stainless steel.
2. The lampshade is made of high-strength and high-transparency tempered glass, providing uniform and bright lighting.
3. The light source has a lifespan of 50,000 hours.
4. It is a green and environmentally friendly product, energy-saving by more than 50% and easy to install.
5. LED colour rendering index: Ra≥75.
6. Working temperature:-30℃ to 50℃

Specification

Type	Voltage	Power	Illuminant	Luminous flux	Beam Angle	Colour Temperature	Material	L Size	Class of Protection
UTG20 - 80	85V-240V	80W	LED	8000 lm	90°	6000K-6500K	Stainless Steel	335mm	IP66
UTG20 - 100		100W		10000 lm				500mm	
UTG20 - 150		150W		15000 lm				500mm	
UTG20 - 200		200W		20000 lm				600mm	
UTG20 - 250		250W		25000 lm				600mm	
UTG20 - 300		300W		30000 lm				600mm	

LED SPOT LIGHT

Application scope:

This product is suitable for outdoor lighting in various ships, vessels, port terminals, cargo yards, and sports fields. It provides uniform and bright lighting, ensuring safety and visibility in the area.

Product features:

1. The shell is made of high-quality aluminium,and the bracket is stainless steel .
2. The lampshade is made of high-strength and high-transparency tempered glass, providing uniform and bright lighting.
3. The light source has a lifespan of 50,000 hours.
4. It is a green and environmentally friendly product, energy-saving by more than 50% and easy to install.
5. LED colour rendering index: Ra≥75.
6. Working temperature:-30℃ to 50℃

Specification

Type	Voltage	Power	Illuminant	Luminous flux	Size	Beam Angle	Colour Temperature	Material	Class of Protection
UTG21 - 50	85V-240V	50W	LED	5000 lm	285*235*123mm	120°	6000K-6500K	Alumunium	IP66
UTG21 - 100		100W		10000 lm	425*320*185mm				
UTG21 - 150		150W		15000 lm	425*320*185mm				
UTG21 - 200		200W		20000 lm	425*322*180mm				
UTG21 - 250		250W		25000 lm	455*322*180mm				
UTG21 - 300		300W		30000 lm	455*322*180mm				
UTG21 - 400		400W		40000 lm	600*326*194mm				

LED SEARCH LIGHT

UTZ300L

Application scope:

It is suitable for long-distance exploration lighting during night navigation of ships and vessels. It can illuminate the waterway and both sides of the narrow channels, inland river channels, and other complex water areas.
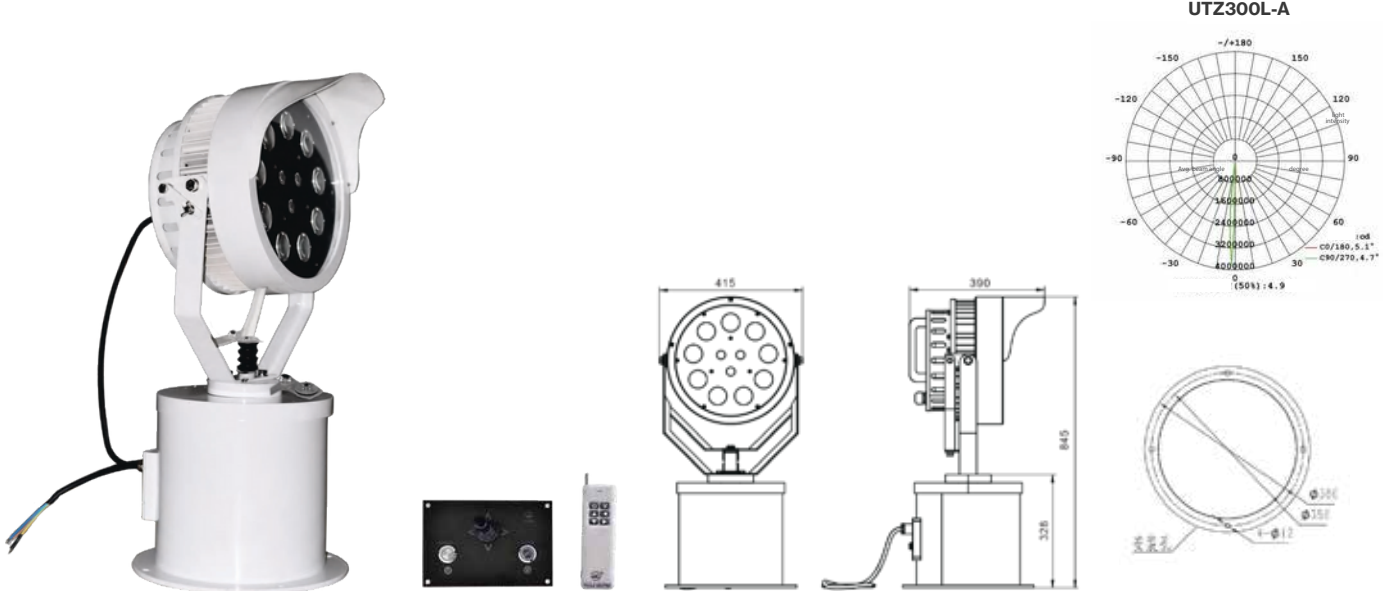
Product features:

1. The shell is made of high-quality stainless steel and aluminium.
2. The lampshade is made of high-strength and high-transparency tempered glass.
3. LED multi-module design, each module can be replaced and repaired separately.
4. The light source has a lifespan of 50,000 hours.
5. It is a green and environmentally friendly product, energy-saving by more than 50% and easy to install.
6. LED colour rendering index: Ra≥75.
7. Working temperature:-30℃ to 50℃.

Specification

Type	Voltage	Power	Illuminant	Light Intensity	Colour Temperature	Irradiation distance	Beam Angle	Material	Control Mode	Class of Protection
UTZ200L	85V-240V/24V	200W	LED Module*8	2840000cd		1600m				
UTZ300L		300W	LED Module*12	5000000cd		2200m				
UTZ600L		600W	LED Module*24	10800000cd	5000K-6000K	3200m	4.8°	stainless steel and aluminium	Manual Control Horizontal Rotation 350° Tilt ±30°	IP66
UTZ900L	85V-240V	900W	LED Module*36	16450000cd		4000m				
UTZ1200L		1200W	LED Module*48	22450000cd		4700m				
UTZ1500L		1500W	LED Module*60	28450000cd		5300m				

LED SEARCH LIGHT

UTZ300L-A

Application scope:

It is suitable for long-distance exploration lighting during night navigation of ships and vessels. It can illuminate the waterway and both sides of the narrow channels, inland river channels, and other complex water areas.

Product features:

1. The shell is made of high-quality stainless steel and aluminium.
2. The lampshade is made of high-strength and high-transparency tempered glass.
3. LED multi-module design, each module can be replaced and repaired separately.
4. The light source has a lifespan of 50,000 hours.
5. It is a green and environmentally friendly product, energy-saving by more than 50% and easy to install.
6. LED colour rendering index: Ra≥75.
7. Working temperature:-30℃ to 50℃

Specification

Type	Voltage	Power	Illuminant	Luminus Flux	Light Intensity	Colour Temperature	Irradiation distance	Beam Angle	Material	Control Mode	Class of Protection
UTZ300L-A		300W+PTZ150W	LED Module*12	28000 lm	5000000cd		2200m				
UTZ600L-A		600W+PTZ150W	LED Module*24	55000 lm	10800000cd		3200m				
UTZ900L-A	85V-240V	900W+PTZ150W	LED Module*36	87000 lm	16450000cd	5000K-6000K	4000m	4.8°	stainless steel and aluminium	Electric remote control Horizontal rotation350° tilt ±30°	IP66
UTZ1200L-A		1200W+PTZ150W	LED Module*48	115000 lm	22450000cd		4700m				
UTZ1500L-A		1500W+PTZ150W	LED Module*60	145000 lm	28450000cd		5300m				