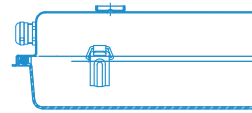
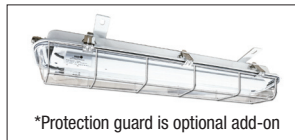


LED WATERTIGHT LUMINAIRE



LWS SERIES (LITE)



Application

Decks, Yards, Coldrooms

Mounting Method

Surface mounted

Material

Diffuser: Polycarbonate
 Housing: SUS316 stainless steel or
 Zinc coated steel, Powder coated white
 Optional protection guard: SUS316 stainless steel

Electrical

Flexible wiring, Heat resistant up to 105°C

Options

100V ~ 120V AC
 220V ~ 240V AC

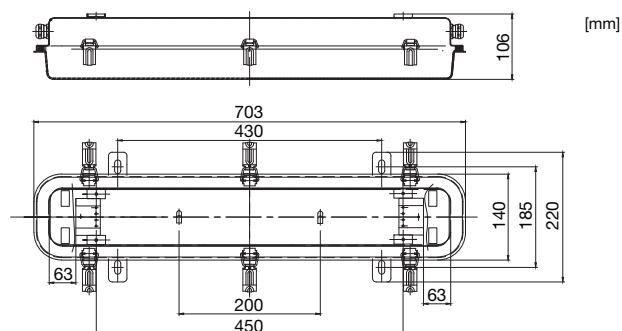
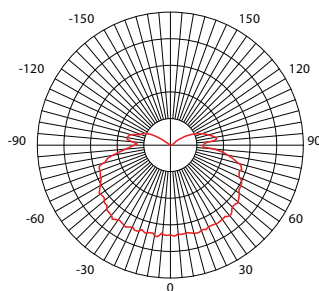
Weight

LWS21: 2.6Kg LWS22: 2.7Kg
 LWS41: 4.8Kg LWS42: 5.0Kg
 With 3Hr emergency backup battery: Add 0.18Kg

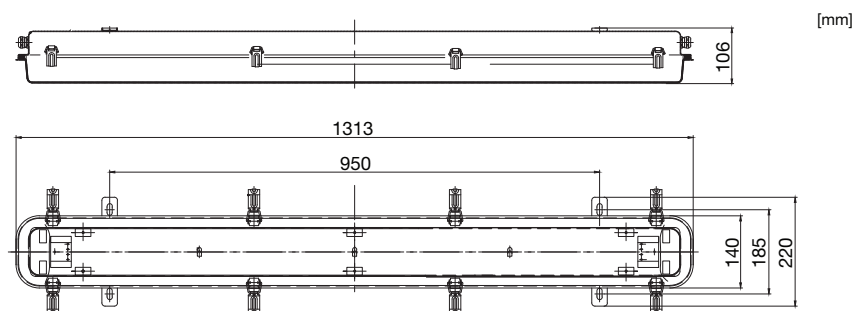
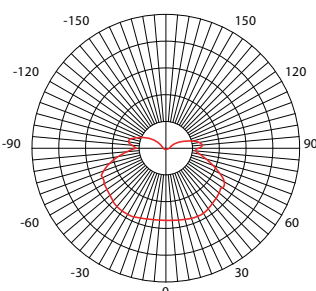
Key Features

- Built-in with high thermal efficient linear module that allows lighting to operate at ambient temperature of up to 45°C
- Special designed clear polycarbonate diffuser to optimize the LED light transmission
- Long service life of 50,000 hours L70 @ 45°C (Ta)
- Safety, EMC and IEC compliance
- Available with battery backup system and emergency lighting

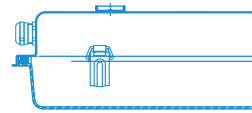
LWS21/LWS22



LWS41/LWS42



LED WATERTIGHT LUMINAIRE



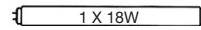
LWS SERIES (LITE)

- S Denotes : Standard lighting
- B Denotes : With 3Hr battery backup
- E Denotes : With DC24V emergency LED

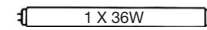
TECHNICAL SPECIFICATIONS



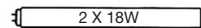
Ideal Replacement:



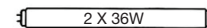
LWS21 for 1X18W



LWS41 for 1X36W



LWS22 for 2X18W



LWS42 for 2X36W

| BH Code | Type | Main Voltage | Power | CCT | Ambient Temp (Ta) | System Lumen | Housing |
|--------------|----------|----------------|-------|-------|-------------------|--------------|------------------------|
| LWS21SX6KA1S | LWS21-S | 100V - 120V AC | 1x10W | 6500K | -30°C ~ +45°C | 1000lm | SUS316 Stainless Steel |
| LWS21SX6KA1B | LWS21-SB | 100V - 120V AC | 1x10W | 6500K | -30°C ~ +45°C | 1000lm | SUS316 Stainless Steel |
| LWS21SX6KA1E | LWS21-SE | 100V - 120V AC | 1x10W | 6500K | -30°C ~ +45°C | 1000lm | SUS316 Stainless Steel |
| LWS21ZX6KA1S | LWS21-Z | 100V - 120V AC | 1x10W | 6500K | -30°C ~ +45°C | 1000lm | Zinc Coated Steel |
| LWS21ZX6KA1B | LWS21-ZB | 100V - 120V AC | 1x10W | 6500K | -30°C ~ +45°C | 1000lm | Zinc Coated Steel |
| LWS21ZX6KA1E | LWS21-ZE | 100V - 120V AC | 1x10W | 6500K | -30°C ~ +45°C | 1000lm | Zinc Coated Steel |
| LWS22SX6KA1S | LWS22-S | 100V - 120V AC | 2x10W | 6500K | -30°C ~ +45°C | 2000lm | SUS316 Stainless Steel |
| LWS22SX6KA1B | LWS22-SB | 100V - 120V AC | 2x10W | 6500K | -30°C ~ +45°C | 2000lm | SUS316 Stainless Steel |
| LWS22SX6KA1E | LWS22-SE | 100V - 120V AC | 2x10W | 6500K | -30°C ~ +45°C | 2000lm | SUS316 Stainless Steel |
| LWS22ZX6KA1S | LWS22-Z | 100V - 120V AC | 2x10W | 6500K | -30°C ~ +45°C | 2000lm | Zinc Coated Steel |
| LWS22ZX6KA1B | LWS22-ZB | 100V - 120V AC | 2x10W | 6500K | -30°C ~ +45°C | 2000lm | Zinc Coated Steel |
| LWS22ZX6KA1E | LWS22-ZE | 100V - 120V AC | 2x10W | 6500K | -30°C ~ +45°C | 2000lm | Zinc Coated Steel |

Also available in other CCT.

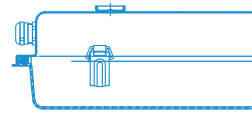
*Ambient Temperature is not applicable for Battery Backup System and Emergency Lighting.

| BH Code | Type | Main Voltage | Power | CCT | Ambient Temp (Ta) | System Lumen | Housing |
|--------------|----------|----------------|-------|-------|-------------------|--------------|------------------------|
| LWS41SX6KA1S | LWS41-S | 100V - 120V AC | 1x20W | 6500K | -30°C ~ +45°C | 2000lm | SUS316 Stainless Steel |
| LWS41SX6KA1B | LWS41-SB | 100V - 120V AC | 1x20W | 6500K | -30°C ~ +45°C | 2000lm | SUS316 Stainless Steel |
| LWS41SX6KA1E | LWS41-SE | 100V - 120V AC | 1x20W | 6500K | -30°C ~ +45°C | 2000lm | SUS316 Stainless Steel |
| LWS41ZX6KA1S | LWS41-Z | 100V - 120V AC | 1x20W | 6500K | -30°C ~ +45°C | 2000lm | Zinc Coated Steel |
| LWS41ZX6KA1B | LWS41-ZB | 100V - 120V AC | 1x20W | 6500K | -30°C ~ +45°C | 2000lm | Zinc Coated Steel |
| LWS41ZX6KA1E | LWS41-ZE | 100V - 120V AC | 1x20W | 6500K | -30°C ~ +45°C | 2000lm | Zinc Coated Steel |
| LWS42SX6KA1S | LWS42-S | 100V - 120V AC | 2x20W | 6500K | -30°C ~ +45°C | 4000lm | SUS316 Stainless Steel |
| LWS42SX6KA1B | LWS42-SB | 100V - 120V AC | 2x20W | 6500K | -30°C ~ +45°C | 4000lm | SUS316 Stainless Steel |
| LWS42SX6KA1E | LWS42-SE | 100V - 120V AC | 2x20W | 6500K | -30°C ~ +45°C | 4000lm | SUS316 Stainless Steel |
| LWS42ZX6KA1S | LWS42-Z | 100V - 120V AC | 2x20W | 6500K | -30°C ~ +45°C | 4000lm | Zinc Coated Steel |
| LWS42ZX6KA1B | LWS42-ZB | 100V - 120V AC | 2x20W | 6500K | -30°C ~ +45°C | 4000lm | Zinc Coated Steel |
| LWS42ZX6KA1E | LWS42-ZE | 100V - 120V AC | 2x20W | 6500K | -30°C ~ +45°C | 4000lm | Zinc Coated Steel |

Also available in other CCT.

*Ambient Temperature is not applicable for Battery Backup System and Emergency Lighting.

LED WATERTIGHT LUMINAIRE



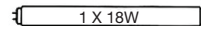
LWS SERIES (LITE)

- S Denotes : Standard lighting
- B Denotes : With 3Hr battery backup
- E Denotes : With DC24V emergency LED

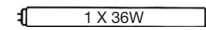
TECHNICAL SPECIFICATIONS



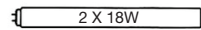
Ideal Replacement:



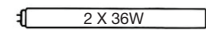
LWS21 for 1X18W



LWS41 for 1X36W



LWS22 for 2X18W



LWS42 for 2X36W

| BH Code | Type | Main Voltage | Power | CCT | Ambient Temp (Ta) | System Lumen | Housing |
|--------------|----------|----------------|-------|-------|-------------------|--------------|------------------------|
| LWS21SX6KA2S | LWS21-S | 220V - 240V AC | 1x10W | 6500K | -30°C ~ +45°C | 1000lm | SUS316 Stainless Steel |
| LWS21SX6KA2B | LWS21-SB | 220V - 240V AC | 1x10W | 6500K | -30°C ~ +45°C | 1000lm | SUS316 Stainless Steel |
| LWS21SX6KA2E | LWS21-SE | 220V - 240V AC | 1x10W | 6500K | -30°C ~ +45°C | 1000lm | SUS316 Stainless Steel |
| LWS21ZX6KA2S | LWS21-Z | 220V - 240V AC | 1x10W | 6500K | -30°C ~ +45°C | 1000lm | Zinc Coated Steel |
| LWS21ZX6KA2B | LWS21-ZB | 220V - 240V AC | 1x10W | 6500K | -30°C ~ +45°C | 1000lm | Zinc Coated Steel |
| LWS21ZX6KA2E | LWS21-ZE | 220V - 240V AC | 1x10W | 6500K | -30°C ~ +45°C | 1000lm | Zinc Coated Steel |
| LWS22SX6KA2S | LWS22-S | 220V - 240V AC | 2x10W | 6500K | -30°C ~ +45°C | 2000lm | SUS316 Stainless Steel |
| LWS22SX6KA2B | LWS22-SB | 220V - 240V AC | 2x10W | 6500K | -30°C ~ +45°C | 2000lm | SUS316 Stainless Steel |
| LWS22SX6KA2E | LWS22-SE | 220V - 240V AC | 2x10W | 6500K | -30°C ~ +45°C | 2000lm | SUS316 Stainless Steel |
| LWS22ZX6KA2S | LWS22-Z | 220V - 240V AC | 2x10W | 6500K | -30°C ~ +45°C | 2000lm | Zinc Coated Steel |
| LWS22ZX6KA2B | LWS22-ZB | 220V - 240V AC | 2x10W | 6500K | -30°C ~ +45°C | 2000lm | Zinc Coated Steel |
| LWS22ZX6KA2E | LWS22-ZE | 220V - 240V AC | 2x10W | 6500K | -30°C ~ +45°C | 2000lm | Zinc Coated Steel |

Also available in other CCT.

*Ambient Temperature is not applicable for Battery Backup System and Emergency Lighting.

| BH Code | Type | Main Voltage | Power | CCT | Ambient Temp (Ta) | System Lumen | Housing |
|--------------|----------|----------------|-------|-------|-------------------|--------------|------------------------|
| LWS41SX6KA2S | LWS41-S | 220V - 240V AC | 1x20W | 6500K | -30°C ~ +45°C | 2000lm | SUS316 Stainless Steel |
| LWS41SX6KA2B | LWS41-SB | 220V - 240V AC | 1x20W | 6500K | -30°C ~ +45°C | 2000lm | SUS316 Stainless Steel |
| LWS41SX6KA2E | LWS41-SE | 220V - 240V AC | 1x20W | 6500K | -30°C ~ +45°C | 2000lm | SUS316 Stainless Steel |
| LWS41ZX6KA2S | LWS41-Z | 220V - 240V AC | 1x20W | 6500K | -30°C ~ +45°C | 2000lm | Zinc Coated Steel |
| LWS41ZX6KA2B | LWS41-ZB | 220V - 240V AC | 1x20W | 6500K | -30°C ~ +45°C | 2000lm | Zinc Coated Steel |
| LWS41ZX6KA2E | LWS41-ZE | 220V - 240V AC | 1x20W | 6500K | -30°C ~ +45°C | 2000lm | Zinc Coated Steel |
| LWS42SX6KA2S | LWS42-S | 220V - 240V AC | 2x20W | 6500K | -30°C ~ +45°C | 4000lm | SUS316 Stainless Steel |
| LWS42SX6KA2B | LWS42-SB | 220V - 240V AC | 2x20W | 6500K | -30°C ~ +45°C | 4000lm | SUS316 Stainless Steel |
| LWS42SX6KA2E | LWS42-SE | 220V - 240V AC | 2x20W | 6500K | -30°C ~ +45°C | 4000lm | SUS316 Stainless Steel |
| LWS42ZX6KA2S | LWS42-Z | 220V - 240V AC | 2x20W | 6500K | -30°C ~ +45°C | 4000lm | Zinc Coated Steel |
| LWS42ZX6KA2B | LWS42-ZB | 220V - 240V AC | 2x20W | 6500K | -30°C ~ +45°C | 4000lm | Zinc Coated Steel |
| LWS42ZX6KA2E | LWS42-ZE | 220V - 240V AC | 2x20W | 6500K | -30°C ~ +45°C | 4000lm | Zinc Coated Steel |

Also available in other CCT.

*Ambient Temperature is not applicable for Battery Backup System and Emergency Lighting.