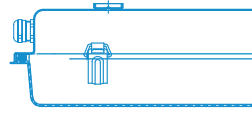


LED WATERTIGHT LUMINAIRE



LWJ SERIES



Application

Decks, Engine rooms, Yards, Coldrooms

Mounting Method

Surface mounted

Material

Diffuser: Polycarbonate
Housing: SUS316 stainless steel or
Zinc coated steel, Powder coated green

Electrical

Flexible wiring, Heat resistant up to 105°C

Options

100V ~ 120V AC
24V DC

Weight

LWJ21: 3.1Kg LWJ22: 3.3Kg
LWJ41: 5.1Kg LWJ42: 5.5Kg

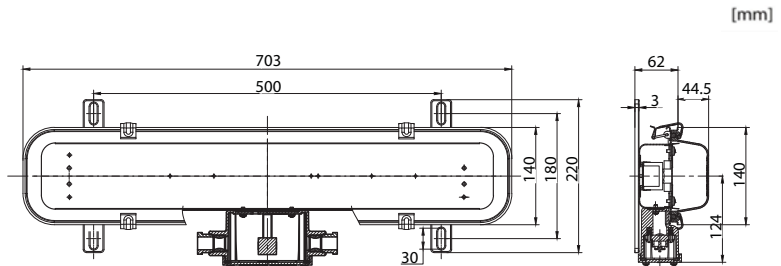
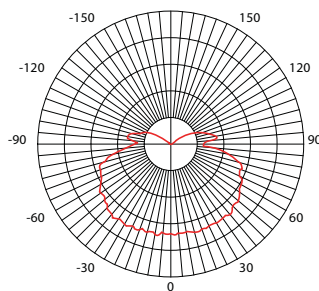
Key Features

- Triac dimming compatible
- 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

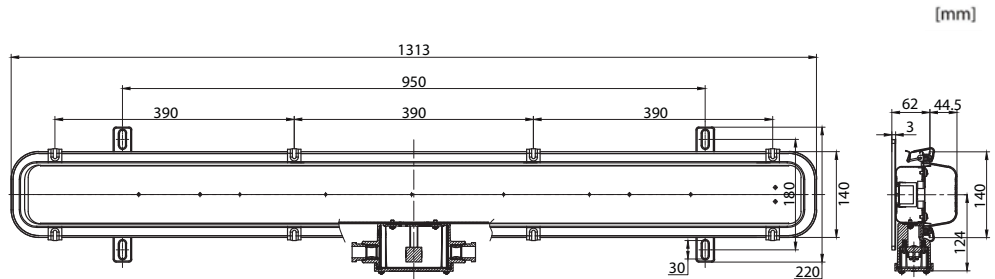
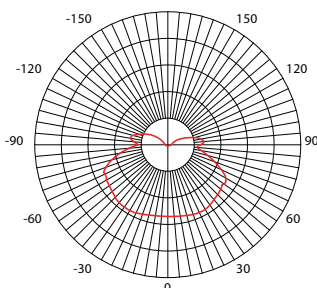


*For AC models only

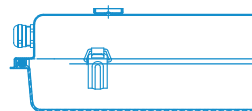
LWJ21S/LWJ21Z/LWJ22S/LWJ22Z



LWJ41Z/LWJ42Z



LED WATERTIGHT LUMINAIRE



LWJ SERIES

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

TECHNICAL SPECIFICATIONS



Ideal Replacement:



BH Code	Type	Main Voltage	Power	CCT	Ambient Temp (Ta)	System Lumen	Housing
LWJ21SSA1S	LWJ21S	100V - 120V AC	1x12.5W	5000K	-30°C ~ +45°C	1150lm	SUS316 Stainless Steel
LWJ21SSA1E	LWJ21S	100V - 120V AC	1x12.5W	5000K	-30°C ~ +45°C	1150lm	SUS316 Stainless Steel
LWJ21SSA1B	LWJ21S	100V - 120V AC	1x12.5W	5000K	-30°C ~ +45°C	1150lm	SUS316 Stainless Steel
LWJ21ZSA1S	LWJ21Z	100V - 120V AC	1x12.5W	5000K	-30°C ~ +45°C	1150lm	Zinc Coated Steel
LWJ21ZSA1E	LWJ21Z	100V - 120V AC	1x12.5W	5000K	-30°C ~ +45°C	1150lm	Zinc Coated Steel
LWJ21ZSA1B	LWJ21Z	100V - 120V AC	1x12.5W	5000K	-30°C ~ +45°C	1150lm	Zinc Coated Steel
LWJ22SSA1S	LWJ22S	100V - 120V AC	2x12.5W	5000K	-30°C ~ +45°C	2300lm	SUS316 Stainless Steel
LWJ22SSA1E	LWJ22S	100V - 120V AC	2x12.5W	5000K	-30°C ~ +45°C	2300lm	SUS316 Stainless Steel
LWJ22SSA1B	LWJ22S	100V - 120V AC	2x12.5W	5000K	-30°C ~ +45°C	2300lm	SUS316 Stainless Steel
LWJ22ZSA1S	LWJ22Z	100V - 120V AC	2x12.5W	5000K	-30°C ~ +45°C	2300lm	Zinc Coated Steel
LWJ22ZSA1E	LWJ22Z	100V - 120V AC	2x12.5W	5000K	-30°C ~ +45°C	2300lm	Zinc Coated Steel
LWJ22ZSA1B	LWJ22Z	100V - 120V AC	2x12.5W	5000K	-30°C ~ +45°C	2300lm	Zinc Coated Steel

Also available in other CCT.

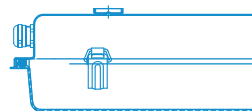
*Ambient Temperature is not applicable for Battery Backup System and Emergency Lighting.

BH Code	Type	Main Voltage	Power	CCT	Ambient Temp (Ta)	System Lumen	Housing
LWJ41ZSA1S	LWJ41Z	100V - 120V AC	1x24W	5000K	-30°C ~ +45°C	2200lm	Zinc Coated Steel
LWJ41ZSA1E	LWJ41Z	100V - 120V AC	1x24W	5000K	-30°C ~ +45°C	2200lm	Zinc Coated Steel
LWJ41ZSA1B	LWJ41Z	100V - 120V AC	1x24W	5000K	-30°C ~ +45°C	2200lm	Zinc Coated Steel
LWJ42ZSA1S	LWJ42Z	100V - 120V AC	2x24W	5000K	-30°C ~ +45°C	4400lm	Zinc Coated Steel
LWJ42ZSA1E	LWJ42Z	100V - 120V AC	2x24W	5000K	-30°C ~ +45°C	4400lm	Zinc Coated Steel
LWJ42ZSA1B	LWJ42Z	100V - 120V AC	2x24W	5000K	-30°C ~ +45°C	4400lm	Zinc Coated Steel

Also available in other CCT.

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

LED WATERTIGHT LUMINAIRE



LWJ SERIES

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

TECHNICAL SPECIFICATIONS



Ideal Replacement:



BH Code	Type	Main Voltage	Power	CCT	Ambient Temp (Ta)	System Lumen	Housing
LWJ21SSA2S	LWJ21S	220V - 240V AC	1x12.5W	5000K	-30°C ~ +45°C	1150lm	SUS316 Stainless Steel
LWJ21SSA2E	LWJ21S	220V - 240V AC	1x12.5W	5000K	-30°C ~ +45°C	1150lm	SUS316 Stainless Steel
LWJ21SSA2B	LWJ21S	220V - 240V AC	1x12.5W	5000K	-30°C ~ +45°C	1150lm	SUS316 Stainless Steel
LWJ21ZSA2S	LWJ21Z	220V - 240V AC	1x12.5W	5000K	-30°C ~ +45°C	1150lm	Zinc Coated Steel
LWJ21ZSA2E	LWJ21Z	220V - 240V AC	1x12.5W	5000K	-30°C ~ +45°C	1150lm	Zinc Coated Steel
LWJ21ZSA2B	LWJ21Z	220V - 240V AC	1x12.5W	5000K	-30°C ~ +45°C	1150lm	Zinc Coated Steel
LWJ22SSA2S	LWJ22S	220V - 240V AC	2x12.5W	5000K	-30°C ~ +45°C	2300lm	SUS316 Stainless Steel
LWJ22SSA2E	LWJ22S	220V - 240V AC	2x12.5W	5000K	-30°C ~ +45°C	2300lm	SUS316 Stainless Steel
LWJ22SSA2B	LWJ22S	220V - 240V AC	2x12.5W	5000K	-30°C ~ +45°C	2300lm	SUS316 Stainless Steel
LWJ22ZSA2S	LWJ22Z	220V - 240V AC	2x12.5W	5000K	-30°C ~ +45°C	2300lm	Zinc Coated Steel
LWJ22ZSA2E	LWJ22Z	220V - 240V AC	2x12.5W	5000K	-30°C ~ +45°C	2300lm	Zinc Coated Steel
LWJ22ZSA2B	LWJ22Z	220V - 240V AC	2x12.5W	5000K	-30°C ~ +45°C	2300lm	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
LWJ41ZSA2S	LWJ41Z	220V - 240V AC	1x24W	5000K	-30°C ~ +45°C	2200lm	Zinc Coated Steel
LWJ41ZSA2E	LWJ41Z	220V - 240V AC	1x24W	5000K	-30°C ~ +45°C	2200lm	Zinc Coated Steel
LWJ41ZSA2B	LWJ41Z	220V - 240V AC	1x24W	5000K	-30°C ~ +45°C	2200lm	Zinc Coated Steel
LWJ42ZSA2S	LWJ42Z	220V - 240V AC	2x24W	5000K	-30°C ~ +45°C	4400lm	Zinc Coated Steel
LWJ42ZSA2E	LWJ42Z	220V - 240V AC	2x24W	5000K	-30°C ~ +45°C	4400lm	Zinc Coated Steel
LWJ42ZSA2B	LWJ42Z	220V - 240V AC	2x24W	5000K	-30°C ~ +45°C	4400lm	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
LWJ21SSD2S	LWJ21S	24V DC	1x12.5W	5000K	-30°C ~ +45°C	1150lm	SUS316 Stainless Steel
LWJ21ZSD2S	LWJ21Z	24V DC	1x12.5W	5000K	-30°C ~ +45°C	1150lm	Zinc Coated Steel
LWJ22SSD2S	LWJ22S	24V DC	2x12.5W	5000K	-30°C ~ +45°C	2300lm	SUS316 Stainless Steel
LWJ22ZSD2S	LWJ22Z	24V DC	2x12.5W	5000K	-30°C ~ +45°C	2300lm	Zinc Coated Steel

Also available in other CCT.