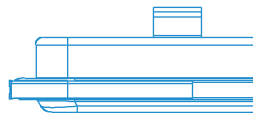
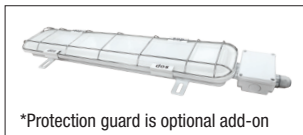


# LED WATERTIGHT LINEAR LUMINAIRE



## LWM SERIES



### Application

Decks, Engine rooms, Marinas, Docks, Ports, Warehouses

### Mounting Method

Surface mounted

### Material

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

### Electrical

Flexible wiring, Heat resistant up to 105°C

### Options

20V-32V DC

### Weight

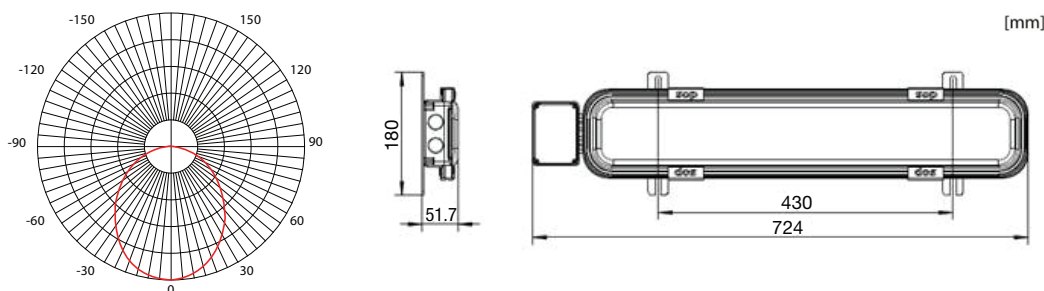
LWM20 (ZCS): 2.0Kg LWM20 (SUS316): 2.1Kg  
 LWM40 (ZCS): 3.7Kg LWM40 (SUS316): 3.8Kg  
 With 2nd Junction Box: Add 0.2Kg  
 With LWM20 Protection Guard: Add 0.2Kg  
 With LWM40 Protection Guard: Add 0.4Kg

### Key Features

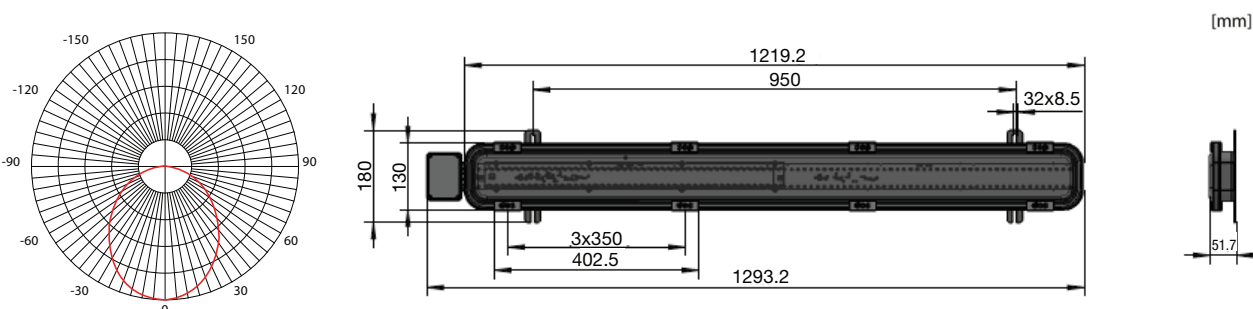
- Super thin light weight design
- Superior thermal design to allow the luminaire to operate at high ambient temperature up to 60°C, suitable for usage even in hot engine room
- Designed with reliable AC driver on board to enhance the service life
- Designed with junction box for fast termination
- Polycarbonate diffuser prevents glare for better eye comfort
- Supports dual voltage AC100V-120V / 220V-240V. Option for DC20V-32V available
- Long service life of 50,000 hours @ 50°C (Ta)
- Marine class compliance



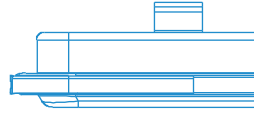
### LWM20



### LWM40



# LED WATERTIGHT LINEAR LUMINAIRE



## LWM SERIES

- 1\*\*\*\*S Denotes : Standard lighting with 1 junction box
- 1\*\*\*\*B Denotes : With 3Hr NiMH battery backup & 1 junction box
- 1\*\*\*\*E Denotes : With DC24V emergency LED & 1 junction box

## TECHNICAL SPECIFICATIONS IP 66

Ideal Replacement: 2 X 18W

BH Code	Type	Main Voltage	Power	CCT	Ambient Temp (Ta)	System Lumen	Housing
LWM20S15KA3S	LWM20-S1	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	SUS316 Stainless Steel
LWM20GS15KA3S	LWM20-S1G	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	SUS316 Stainless Steel
LWM20S15KA3B	LWM20-S1B	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	SUS316 Stainless Steel
LWM20GS15KA3B	LWM20-S1BG	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	SUS316 Stainless Steel
LWM20S15KA3E	LWM20-S1E	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	SUS316 Stainless Steel
LWM20GS15KA3E	LWM20-S1EG	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	SUS316 Stainless Steel
LWM20Z15KA3S	LWM20-Z1	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	Zinc Coated Steel
LWM20GZ15KA3S	LWM20-Z1G	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	Zinc Coated Steel
LWM20Z15KA3B	LWM20-Z1B	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	Zinc Coated Steel
LWM20GZ15KA3B	LWM20-Z1BG	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	Zinc Coated Steel
LWM20Z15KA3E	LWM20-Z1E	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	Zinc Coated Steel
LWM20GZ15KA3E	LWM20-Z1EG	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	Zinc Coated Steel
LWM20Z15KD2S	LWM20-Z1	20V - 32V DC	22W	5000K	-30°C ~ +60°C	2200lm	Zinc Coated Steel
LWM20GZ15KD2S	LWM20-Z1G	20V - 32V DC	22W	5000K	-30°C ~ +60°C	2200lm	Zinc Coated Steel
LWM20Z15KD2E	LWM20-Z1E	20V - 32V DC	22W	5000K	-30°C ~ +60°C	2200lm	Zinc Coated Steel

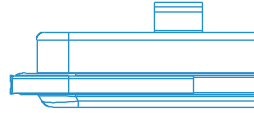
Also available in other CCT.

\*Ambient Temperature is not applicable for the 3Hr NiMH Battery Backup System and Emergency Lighting.

\*\*Optional 93x68x39.5mm 3Hr NiMH Battery Backup module or Emergency Lighting module is installed on the junction box to IP67 rating.

\*\*\*A "G" added at the end of Type code to indicate luminaire with SUS316 stainless steel protection guard.

# LED WATERTIGHT LINEAR LUMINAIRE



## LWM SERIES

- 2\*\*\*\*S Denotes : Standard lighting with 2 junction box
- 2\*\*\*\*B Denotes : With 3Hr NiMH battery backup & 2 junction box
- 2\*\*\*\*E Denotes : With DC24V emergency LED & 2 junction box

## TECHNICAL SPECIFICATIONS IP 66

Ideal Replacement: 2 X 18W

BH Code	Type	Main Voltage	Power	CCT	Ambient Temp (Ta)	System Lumen	Housing
LWM20S25KA3S	LWM20-S2	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	SUS316 Stainless Steel
LWM20GS25KA3S	LWM20-S2G	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	SUS316 Stainless Steel
LWM20S25KA3B	LWM20-S2B	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	SUS316 Stainless Steel
LWM20GS25KA3B	LWM20-S2BG	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	SUS316 Stainless Steel
LWM20S25KA3E	LWM20-S2E	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	SUS316 Stainless Steel
LWM20GS25KA3E	LWM20-S2EG	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	SUS316 Stainless Steel
LWM20Z25KA3S	LWM20-Z2	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	Zinc Coated Steel
LWM20GZ25KA3S	LWM20-Z2G	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	Zinc Coated Steel
LWM20Z25KA3B	LWM20-Z2B	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	Zinc Coated Steel
LWM20GZ25KA3B	LWM20-Z2BG	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	Zinc Coated Steel
LWM20Z25KA3E	LWM20-Z2E	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	Zinc Coated Steel
LWM20GZ25KA3E	LWM20-Z2EG	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	Zinc Coated Steel

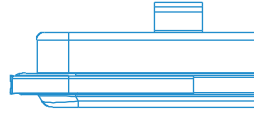
Also available in other CCT.

\*Ambient Temperature is not applicable for the 3Hr NiMH Battery Backup System and Emergency Lighting.

\*\*Optional 93x68x39.5mm 3Hr NiMH Battery Backup module or Emergency Lighting module is installed on the junction box to IP67 rating.

\*\*\*A "G" added at the end of Type code to indicate luminaire with SUS316 stainless steel protection guard.

# LED WATERTIGHT LINEAR LUMINAIRE



## LWM SERIES

- 1\*\*\*\*S Denotes : Standard lighting with 1 junction box
- 1\*\*\*\*B Denotes : With 3Hr NiMH battery backup & 1 junction box
- 1\*\*\*\*E Denotes : With DC24V emergency LED & 1 junction box

- 2\*\*\*\*S Denotes : Standard lighting with 2 junction box
- 2\*\*\*\*B Denotes : With 3Hr NiMH battery backup & 2 junction box
- 2\*\*\*\*E Denotes : With DC24V emergency LED & 2 junction box

## TECHNICAL SPECIFICATIONS IP 66

Ideal Replacement: 2 X 36W

BH Code	Type	Main Voltage	Power	CCT	Ambient Temp (Ta)	System Lumen	Housing
LWM40S15KA3S	LWM40-S1	100V - 120V / 220V - 240V AC	40W	5000K	-30°C ~ +60°C	4000lm	SUS316 Stainless Steel
LWM40S15KA3B	LWM40-S1B	100V - 120V / 220V - 240V AC	40W	5000K	-30°C ~ +60°C	4000lm	SUS316 Stainless Steel
LWM40S15KA3E	LWM40-S1E	100V - 120V / 220V - 240V AC	40W	5000K	-30°C ~ +60°C	4000lm	SUS316 Stainless Steel
LWM40Z15KA3S	LWM40-Z1	100V - 120V / 220V - 240V AC	40W	5000K	-30°C ~ +60°C	4000lm	Zinc Coated Steel
LWM40Z15KA3B	LWM40-Z1B	100V - 120V / 220V - 240V AC	40W	5000K	-30°C ~ +60°C	4000lm	Zinc Coated Steel
LWM40Z15KA3E	LWM40-Z1E	100V - 120V / 220V - 240V AC	40W	5000K	-30°C ~ +60°C	4000lm	Zinc Coated Steel

Also available in other CCT.

\*Ambient Temperature is not applicable for the 3Hr NiMH Battery Backup System and Emergency Lighting.

\*\*Optional 93×68×39.5mm 3Hr NiMH Battery Backup module or Emergency Lighting module is installed on the junction box to IP67 rating.

BH Code	Type	Main Voltage	Power	CCT	Ambient Temp (Ta)	System Lumen	Housing
LWM40S25KA3S	LWM40-S2	100V - 120V / 220V - 240V AC	40W	5000K	-30°C ~ +60°C	4000lm	SUS316 Stainless Steel
LWM40S25KA3B	LWM40-S2B	100V - 120V / 220V - 240V AC	40W	5000K	-30°C ~ +60°C	4000lm	SUS316 Stainless Steel
LWM40S25KA3E	LWM40-S2E	100V - 120V / 220V - 240V AC	40W	5000K	-30°C ~ +60°C	4000lm	SUS316 Stainless Steel
LWM40Z25KA3S	LWM40-Z2	100V - 120V / 220V - 240V AC	40W	5000K	-30°C ~ +60°C	4000lm	Zinc Coated Steel
LWM40Z25KA3B	LWM40-Z2B	100V - 120V / 220V - 240V AC	40W	5000K	-30°C ~ +60°C	4000lm	Zinc Coated Steel
LWM40Z25KA3E	LWM40-Z2E	100V - 120V / 220V - 240V AC	40W	5000K	-30°C ~ +60°C	4000lm	Zinc Coated Steel

Also available in other CCT.

\*Ambient Temperature is not applicable for the 3Hr NiMH Battery Backup System and Emergency Lighting.

\*\*Optional 93×68×39.5mm 3Hr NiMH Battery Backup module or Emergency Lighting module is installed on the junction box to IP67 rating.