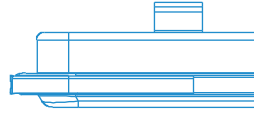
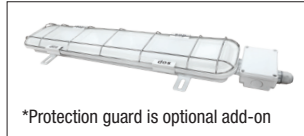


LED WATERTIGHT LINEAR LUMINAIRE



LWM SERIES



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



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

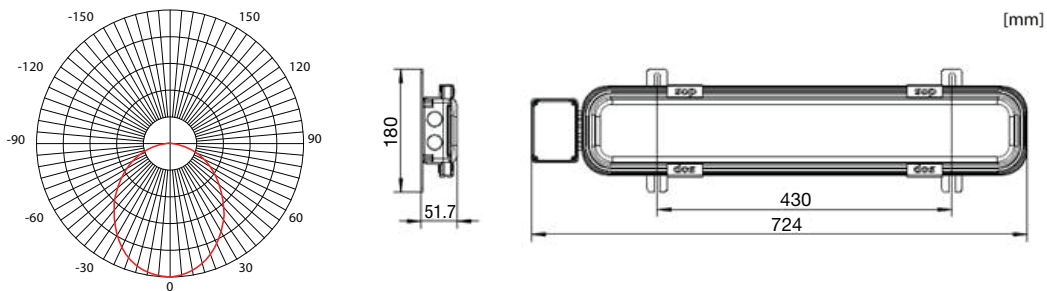
Options

20V-32V DC

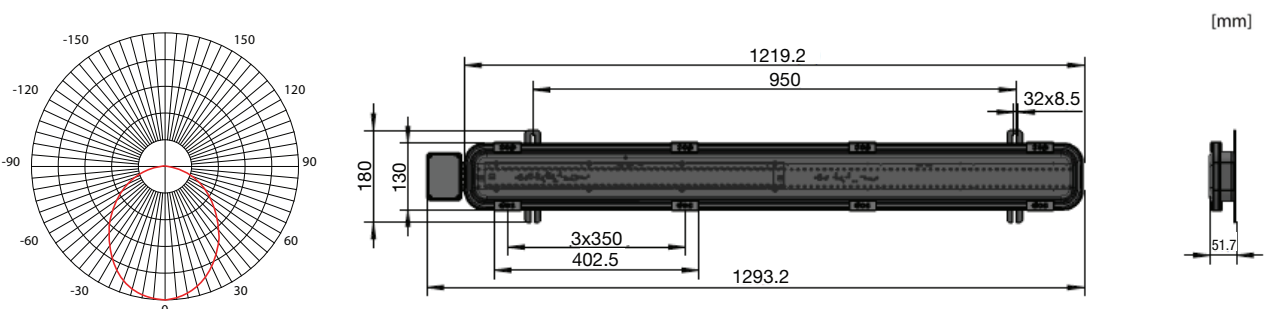
Weight

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

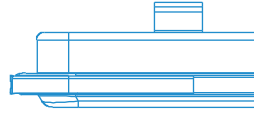
LWM20



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	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	SUS316 Stainless Steel
LWM20GS15KA3S	LWM20G*	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	SUS316 Stainless Steel
LWM20S15KA3B	LWM20	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	SUS316 Stainless Steel
LWM20GS15KA3B	LWM20G*	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	SUS316 Stainless Steel
LWM20S15KA3E	LWM20	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	SUS316 Stainless Steel
LWM20GS15KA3E	LWM20G*	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	SUS316 Stainless Steel
LWM20Z15KA3S	LWM20	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	Zinc Coated Steel
LWM20GZ15KA3S	LWM20G*	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	Zinc Coated Steel
LWM20Z15KA3B	LWM20	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	Zinc Coated Steel
LWM20GZ15KA3B	LWM20G*	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	Zinc Coated Steel
LWM20Z15KA3E	LWM20	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	Zinc Coated Steel
LWM20GZ15KA3E	LWM20G*	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	Zinc Coated Steel
LWM20Z15KD2S	LWM20	20V - 32V DC	22W	5000K	-30°C ~ +60°C	2200lm	Zinc Coated Steel
LWM20GZ15KD2S	LWM20G*	20V - 32V DC	22W	5000K	-30°C ~ +60°C	2200lm	Zinc Coated Steel
LWM20Z15KD2E	LWM20	20V - 32V DC	22W	5000K	-30°C ~ +60°C	2200lm	Zinc Coated Steel

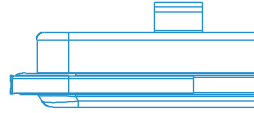
Also available in other CCT.

*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	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	SUS316 Stainless Steel
LWM20GS25KA3S	LWM20G*	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	SUS316 Stainless Steel
LWM20S25KA3B	LWM20	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	SUS316 Stainless Steel
LWM20GS25KA3B	LWM20G*	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	SUS316 Stainless Steel
LWM20S25KA3E	LWM20	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	SUS316 Stainless Steel
LWM20GS25KA3E	LWM20G*	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	SUS316 Stainless Steel
LWM20Z25KA3S	LWM20	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	Zinc Coated Steel
LWM20GZ25KA3S	LWM20G*	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	Zinc Coated Steel
LWM20Z25KA3B	LWM20	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	Zinc Coated Steel
LWM20GZ25KA3B	LWM20G*	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	Zinc Coated Steel
LWM20Z25KA3E	LWM20	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	Zinc Coated Steel
LWM20GZ25KA3E	LWM20G*	100V - 120V / 220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm	Zinc Coated Steel

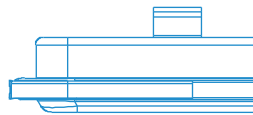
Also available in other CCT.

*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	100V - 120V / 220V - 240V AC	40W	5000K	-30°C ~ +60°C	4000lm	SUS316 Stainless Steel
LWM40S15KA3B	LWM40	100V - 120V / 220V - 240V AC	40W	5000K	-30°C ~ +60°C	4000lm	SUS316 Stainless Steel
LWM40S15KA3E	LWM40	100V - 120V / 220V - 240V AC	40W	5000K	-30°C ~ +60°C	4000lm	SUS316 Stainless Steel
LWM40Z15KA3S	LWM40	100V - 120V / 220V - 240V AC	40W	5000K	-30°C ~ +60°C	4000lm	Zinc Coated Steel
LWM40Z15KA3B	LWM40	100V - 120V / 220V - 240V AC	40W	5000K	-30°C ~ +60°C	4000lm	Zinc Coated Steel
LWM40Z15KA3E	LWM40	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 93x68x39.5mm 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	100V - 120V / 220V - 240V AC	40W	5000K	-30°C ~ +60°C	4000lm	SUS316 Stainless Steel
LWM40S25KA3B	LWM40	100V - 120V / 220V - 240V AC	40W	5000K	-30°C ~ +60°C	4000lm	SUS316 Stainless Steel
LWM40S25KA3E	LWM40	100V - 120V / 220V - 240V AC	40W	5000K	-30°C ~ +60°C	4000lm	SUS316 Stainless Steel
LWM40Z25KA3S	LWM40	100V - 120V / 220V - 240V AC	40W	5000K	-30°C ~ +60°C	4000lm	Zinc Coated Steel
LWM40Z25KA3B	LWM40	100V - 120V / 220V - 240V AC	40W	5000K	-30°C ~ +60°C	4000lm	Zinc Coated Steel
LWM40Z25KA3E	LWM40	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 93x68x39.5mm 3Hr NiMH Battery Backup module or Emergency Lighting module is installed on the junction box to IP67 rating.