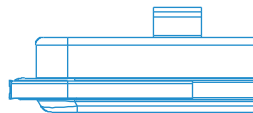
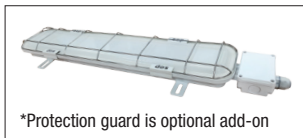


# LED WATERTIGHT LINEAR LUMINAIRE



## LMWS 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

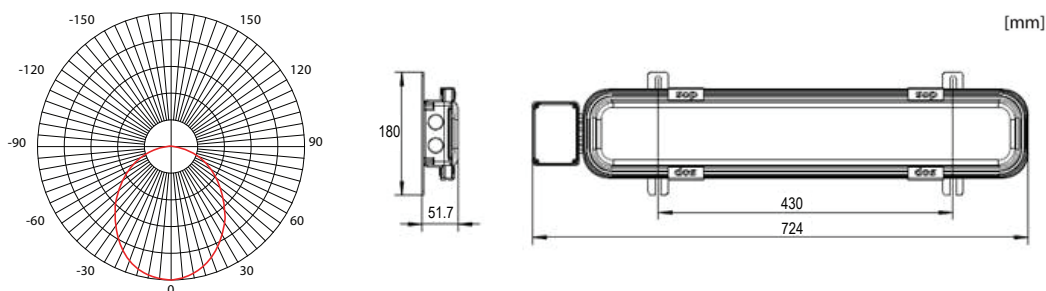
LMWS20 (ZCS): 2.0Kg LMWS20 (SUS316): 2.1Kg  
 LMWS40 (ZCS): 3.7Kg LMWS40 (SUS316): 3.8Kg  
 With 2nd Junction Box: Add 0.2Kg  
 With LMWS20 Protection Guard: Add 0.2Kg  
 With LMWS40 Protection Guard: Add 0.4Kg

### Key Features

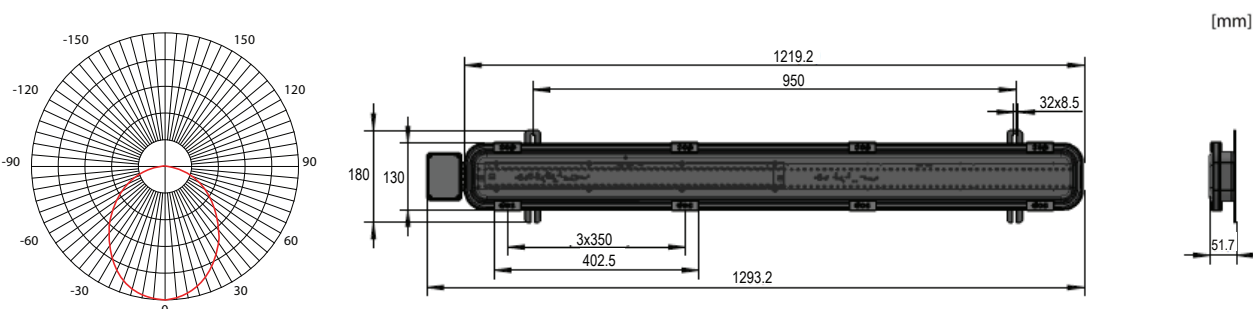
- Super thin light weight design
- Superior thermal design to allow the luminaire to operate at high ambient temperature up to 60°C, suitable for usage even in hot engine room
- Designed with reliable AC driver on board to enhance the service life
- Designed with junction box for fast termination
- Polycarbonate 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



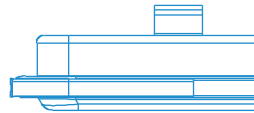
### LMWS20



### LMWS40



# LED WATERTIGHT LINEAR LUMINAIRE



## LMWS SERIES

- 10 Denotes : Zinc coated steel housing w/1 junction box
- 1B Denotes : Zinc coated steel housing w/1 junction box & 3hr NiMH battery backup
- 1E Denotes : Zinc coated steel housing w/1 junction box & DC24V emergency LED
- 20 Denotes : Zinc coated steel housing w/2 junction box
- 2B Denotes : Zinc coated steel housing w/2 junction box & 3hr NiMH battery backup
- 2E Denotes : Zinc coated steel housing w/2 junction box & DC24V emergency LED
- 1S0 Denotes : Stainless steel housing w/1 junction box
- 1SB Denotes : Stainless steel housing w/1 junction box & 3hr NiMH battery backup
- 1SE Denotes : Stainless steel housing w/1 junction box & DC24V emergency LED
- 2S0 Denotes : Stainless steel housing w/2 junction box
- 2SB Denotes : Stainless steel housing w/2 junction box & 3hr NiMH battery backup
- 2SE Denotes : Stainless steel housing w/2 junction box & DC24V emergency LED

## TECHNICAL SPECIFICATIONS

IP 67

Ideal Replacement: 2 X 18W

BH Code	Type	Main Voltage	Power	CCT	Ambient Temp (Ta)	System Lumen
IGLALMWS2010	LMWS2010	100V - 120V/220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm
IGLALMWS201B	LMWS201B	100V - 120V/220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm
IGLALMWS201E	LMWS201E	100V - 120V/220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm
IGLALMWS2020	LMWS2020	100V - 120V/220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm
IGLALMWS202B	LMWS202B	100V - 120V/220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm
IGLALMWS202E	LMWS202E	100V - 120V/220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm
IGLALMWS201S0	LMWS201S0	100V - 120V/220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm
IGLALMWS201SB	LMWS201SB	100V - 120V/220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm
IGLALMWS201SE	LMWS201SE	100V - 120V/220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm
IGLALMWS202S0	LMWS202S0	100V - 120V/220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm
IGLALMWS202SB	LMWS202SB	100V - 120V/220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm
IGLALMWS202SE	LMWS202SE	100V - 120V/220V - 240V AC	20W	5000K	-30°C ~ +60°C	2000lm
IGLALMWS2D10	LMWS2D10	20V - 32V DC	22W	5000K	-30°C ~ +60°C	2200lm
IGLALMWS2D1E	LMWS2D1E	20V - 32V DC	22W	5000K	-30°C ~ +60°C	2200lm

Also available in other CCT.

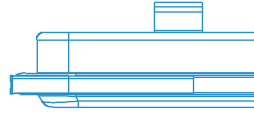
\*Ambient Temperature not applicable for the 3Hr NiMH Battery Backup System and Emergency Lighting.

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

\*\*\*Add a "G" at the end of BH code to order luminaire with the optional SUS316 stainless steel protection guard. Eg. IGLALMWS2010G.



# LED WATERTIGHT LINEAR LUMINAIRE

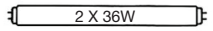


## LMWS SERIES

- 10 Denotes : Zinc coated steel housing w/1 junction box
- 1B Denotes : Zinc coated steel housing w/1 junction box & 3hr NiMH battery backup
- 1E Denotes : Zinc coated steel housing w/1 junction box & DC24V emergency LED
- 20 Denotes : Zinc coated steel housing w/2 junction box
- 2B Denotes : Zinc coated steel housing w/2 junction box & 3hr NiMH battery backup
- 2E Denotes : Zinc coated steel housing w/2 junction box & DC24V emergency LED
- 1S0 Denotes : Stainless steel housing w/1 junction box
- 1SB Denotes : Stainless steel housing w/1 junction box & 3hr NiMH battery backup
- 1SE Denotes : Stainless steel housing w/1 junction box & DC24V emergency LED
- 2S0 Denotes : Stainless steel housing w/2 junction box
- 2SB Denotes : Stainless steel housing w/2 junction box & 3hr NiMH battery backup
- 2SE Denotes : Stainless steel housing w/2 junction box & DC24V emergency LED

## TECHNICAL SPECIFICATIONS

IP 67

Ideal Replacement: 

BH Code	Type	Main Voltage	Power	CCT	Ambient Temp (Ta)	System Lumen
IGLALMWS4010	LMWS4010	100V - 120V/220V - 240V AC	40W	5000K	-30°C ~ +60°C	4000lm
IGLALMWS401B	LMWS401B	100V - 120V/220V - 240V AC	40W	5000K	-30°C ~ +60°C	4000lm
IGLALMWS401E	LMWS401E	100V - 120V/220V - 240V AC	40W	5000K	-30°C ~ +60°C	4000lm
IGLALMWS4020	LMWS4020	100V - 120V/220V - 240V AC	40W	5000K	-30°C ~ +60°C	4000lm
IGLALMWS402B	LMWS402B	100V - 120V/220V - 240V AC	40W	5000K	-30°C ~ +60°C	4000lm
IGLALMWS402E	LMWS402E	100V - 120V/220V - 240V AC	40W	5000K	-30°C ~ +60°C	4000lm
IGLALMWS401S0	LMWS401S0	100V - 120V/220V - 240V AC	40W	5000K	-30°C ~ +60°C	4000lm
IGLALMWS401SB	LMWS401SB	100V - 120V/220V - 240V AC	40W	5000K	-30°C ~ +60°C	4000lm
IGLALMWS401SE	LMWS401SE	100V - 120V/220V - 240V AC	40W	5000K	-30°C ~ +60°C	4000lm
IGLALMWS402S0	LMWS402S0	100V - 120V/220V - 240V AC	40W	5000K	-30°C ~ +60°C	4000lm
IGLALMWS402SB	LMWS402SB	100V - 120V/220V - 240V AC	40W	5000K	-30°C ~ +60°C	4000lm
IGLALMWS402SE	LMWS402SE	100V - 120V/220V - 240V AC	40W	5000K	-30°C ~ +60°C	4000lm

Also available in other CCT.

\*Ambient Temperature 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.

\*\*\*Add a "G" at the end of BH code to order luminaire with the optional SUS316 stainless steel protection guard. Eg. IGLALMWS4010G.

