



FLUORESCENT LIGHTING

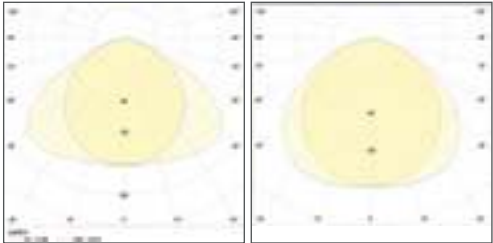
RMS-550.. Series - Fluorescent lighting fixtures



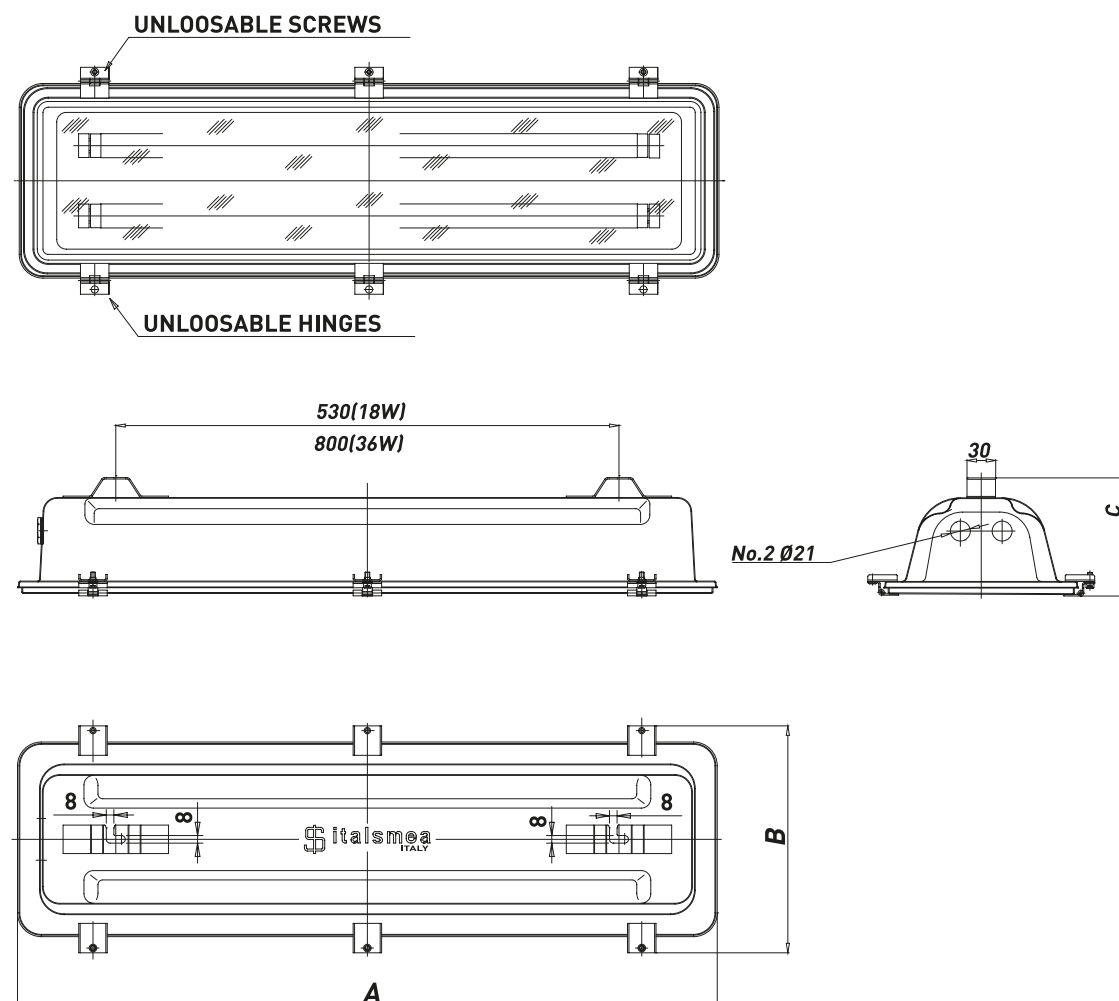
RMS.. series lighting fixtures are ideally suited for ON and OFF-SHORE applications and all kinds of industries where there is an high level of corrosion.

Both body and glass frame are made of stainless steel AISI304 and manufactured from a single sheet of steel with no invasive mounting holes, to minimize the risk of water ingress through the housing. Out of holes for power supply cable, whatever protected by a suitable cable gland (available upon request), there are no passing through holes between inside and outside of luminaire. Therefore during the time there is no risk of IP rating decrease as it would be possible where, for fixing devices, there are through holes and relevant gaskets. Design has been studied to allow operator working with free hands and no need to support any part of lighting fixture. One person can take care of start-up or maintenance without any aid and assistance. Due to inorganic materials like stainless steel and glass, RMS.. series lighting fixtures are 95% recyclable; only components and insulation of single core wires need some more care.

TECHNICAL FEATURES

Material	AISI304 stainless steel, 0,8mm thickness and transparent part in tempered glass (AISI 316 L version available upon request)
IP rating	IP65
Ambient temperature range	-30°C to +55°C
Approvals	Certified 01ATEX3002X (standard) TR CU (marking upon request, ordering code to be required)
Marking	II 3 GD Ex nA II T(**) Ex tD A22 IP65 T(**) ** T5/T90°C, T5/100°C, T4/T105°C
Gaskets	Special cross-section tightness gasket, silicon rubber made (closed cell), located in housing channel between body and window frame.
Entries	Body complete of two 21mm Ø through holes (on one side) for cable entry, one complete of metallic plug with M20 locknut and gasket and the other one with temporary plastic plug to prevent dust ingress.
Hardware and screws	AISI304 Stainless steel external hardware and screws
Lamps	RMS series lighting fixtures are suitable for two pins fluorescent lamps G13 socket Philips TL-D or equivalent (lamps excluded)
Ballast	High frequency electronic ballast conforming with EN 60079 – 15 and IEC 60079 – 15
Rated operation voltage (UE)	220-240 V
Frequency	50-60 Hz
Power factor	> 0,95
Accessories available upon request	Pole mounting kit / Ceiling mounting kit / Suspension mounting kit / Wall mounting kit / 3°- 4° through holes opposite side
Operating principles	Available RMS.. lighting fixtures for emergency service of one tube: - 90 minutes; guarantees 60' duration with constant flux (emergency lumen factor 18%) and 30' with decreasing flux
Photometric light curves	

Dimensions RMS-550



(RMS-550) Lighting fixtures for normal service

TYPE	CODE	POWER [W]	TEMPERATURE CLASS	AMBIENT TEMPERATURE	DIMENSIONS [mm]			WEIGHT [Kg]
					A	B	C	
RMS-550-03	A020111180200	1X18	GAS T5 DUST T100°C	(-30°;+50°)**	737	239	123	5.10
RMS-550-04	A020112180200	2X18	GAS T5 DUST T100°C	(-20°;+50°)**	737	239	123	5.20
RMS-550-01	A020111360200	1X36	GAS T5 DUST T100°C	(-20°;+50°)**	1347	239	123	8.40
RMS-550-02	A020112360200	2X36	GAS T5 DUST T100°C	(-20°;+50°)**	1347	239	123	8.60

* In case of maximum ambient temperature reach +55°C, temperature class changes into T4/T105°C (ordering code to be required).

(RMS-550) Lighting fixtures for emergency service

TYPE	CODE	POWER [W]	TEMPERATURE CLASS	AMBIENT TEMPERATURE	EMERGENCY DURATION	DIMENSIONS [mm]			WEIGHT [Kg]
						A	B	C	
RMS-550-03 LE-P-90	A020211181210	1X18	GAS T5 DUST T100°C	(-20°;+50°)**	90'	737	239	123	5.80
RMS-550-04 LE-P-90	A020212181210	2X18	GAS T5 DUST T100°C	(-20°;+50°)**	90'	737	239	123	5.90
RMS-550-01 LE-P-90	A020211361210	1X36	GAS T5 DUST T100°C	(-20°;+50°)**	90'***	1347	239	123	9.10
RMS-550-02 LE-P-90	A020212361210	2X36	GAS T5 DUST T100°C	(-20°;+50°)*	90'***	1347	239	123	9.30

* In case of maximum ambient temperature reach +55°C, temperature class changes into T4/T105°C (ordering code to be required).

** 120' version available upon request (ordering code to be required).