LED luminaire with visible mounted type: FIRADS-17

Mounting and operating instructions

|	☀	T.f. °C	🔒	U	W	IP	LED	⏚	cos φ	IK	CE	compete with
FIRADS-17 2RX4BX33LED 4K 14KLM	●	–5'...45'	13.5	~230V	108	65	LED	●	0.94	IK 06	●	60598-1
FIRADS-17 2RX4BX33LED 4K 14KLM DA	●	–5'...45'	13.5	~230V	122.6	65	LED	●	0.94	IK 06	●	60598-1
FIRADS-17 2RX4BX33LED 5K 14KLM	●	–5'...45'	13.5	~230V	106	65	LED	●	0.94	IK 06	●	60598-1
FIRADS-17 2RX4BX33LED 5K 14KLM 1H/3H	●	–5'...45'	13.5	~230V	102	65	LED	●	0.94	IK 06	●	60598-1 60598-2-22
FIRADS-17 3RX4BX33LED 4K 20KLM	●	–5'...45'	13.5	~230V	135.4	65	LED	●	0.94	IK 06	●	60598-1
FIRADS-17 3RX4BX33LED 4K 20KLM 1H/3H	●	–5'...45'	13.5	~230V	135.4	65	LED	●	0.94	IK 06	●	60598-1 60598-2-22
FIRADS-17 3RX4BX33LED 4K 23KLM	●	–5'...45'	13.5	~230V	161.5	65	LED	●	0.94	IK 06	●	60598-1
FIRADS-17 3RX4BX33LED 4K 23KLM 1H/3H	●	–5'...45'	13.5	~230V	161.5	65	LED	●	0.94	IK 06	●	60598-1 60598-2-22
FIRADS-17 3RX4BX33LED 4K 22KLM DALI	●	–5'...45'	13.5	~230V	140	65	LED	●	0.94	IK 06	●	60598-1
FIRADS-17 3RX4BX33LED 4K 22KLM DALI S	●	–5'...45'	13.5	~230V	140	65	LED	●	0.94	IK 08	●	60598-1
FIRADS-17 3RX4BX33LED 4K 20KLM S	●	–5'...45'	13.5	~230V	135.4	65	LED	●	0.94	IK 08	●	60598-1
FIRADS-17 2RX4BX33LED 5K 14KLM PMMA	●	–5'...45'	13.5	~230V	106	65	LED	●	0.94	IK 06	●	60598-1

350

1220
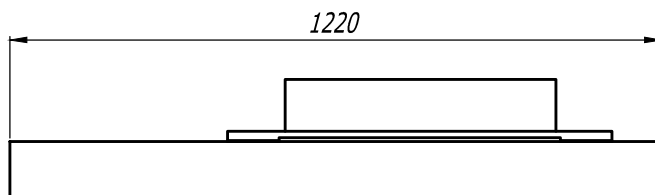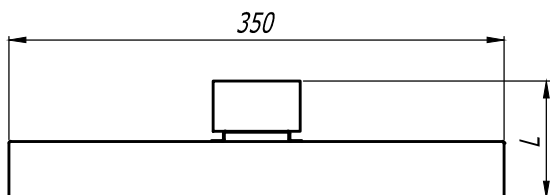
	Without emergency lighting	With emergency lighting
L	90	160

Standard Version
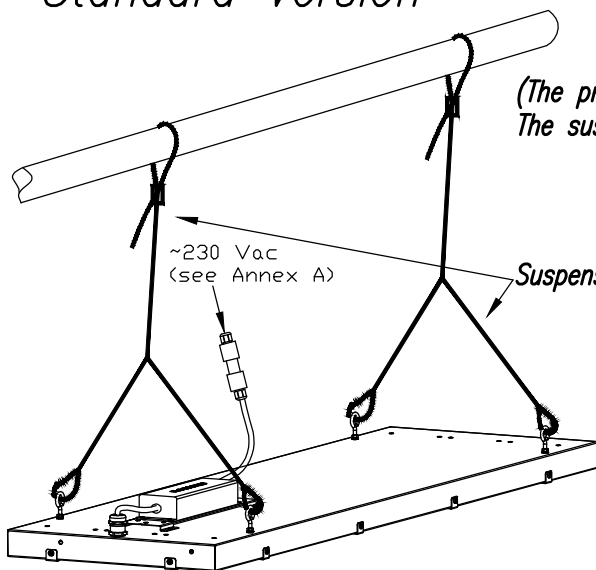
(The product is not delivered with suspension system – cables)
The suspension system shall support a mass of:
 –68 kg for version without emergency lighting
 –80 kg for version with emergency lighting

~230 Vac (see Annex A)

Suspension kit:03117364

Suspension cable L = 3m with Gripple type carabiner (optional)

Attention! For the emergency lighting version, the beneficiary has to follow the routine tests listed in IME-1922!
Opening the optical void product warranty!

⚡ Caution, risk of electric shock!
All installation and maintenance operations will be performed in absence of operating voltage and only by authorized personnel!
The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.
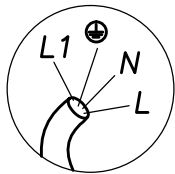
Mounting and operating instructions

Version with emergency lighting

Suspended mounting with shackle Ø15 (supplied with the product)
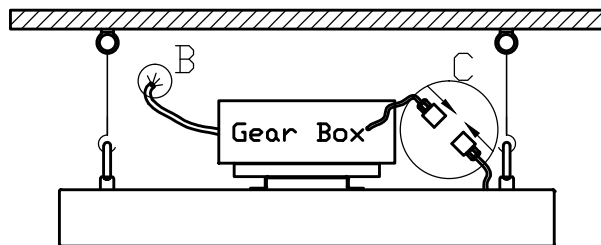
Gear Box

(The product is not delivered with suspension system – cables)
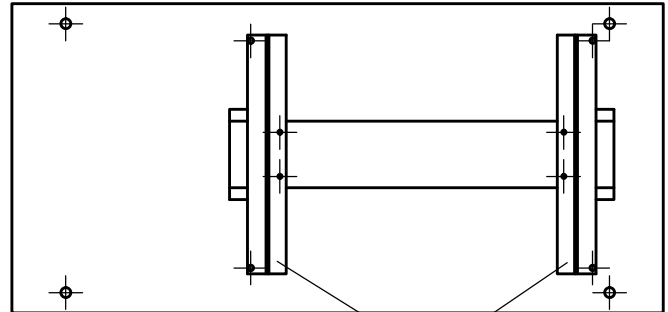
Z shaped profiles
(for emergency gear box)

Detail B

$L1$ N L

Connecting to mains:
~230 Vac

Connecting wires in power clamp:
-with emergency lighting:

Black Wire	-	Interruptible phase $L1$
Green-Yellow Wire	-	Ground
Grey/Blue Wire	-	Neutral N
Brown Wire	-	Permanent phase L

Gear box is mounted by the customer using the 4 fixing screws 4.2x9.5 (included with the product) on two Z shaped profiles.
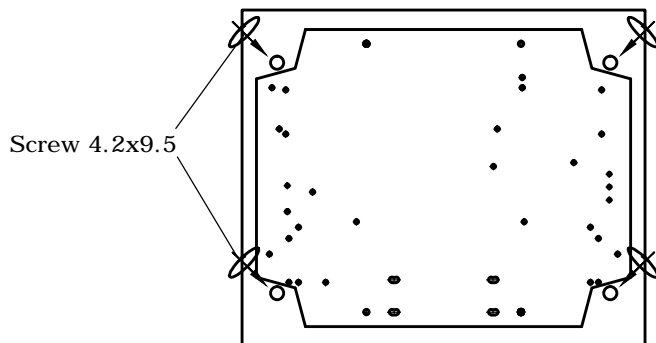
Screw 4.2x9.5

The connection between the luminaire and the emergency gear box is made by two "C" connectors; connect the two connectors, then thread the fixing ring "TH387" in the direction "CLOSE"; Check that the two nuts (*) are tightened at 2,5Nm torque.
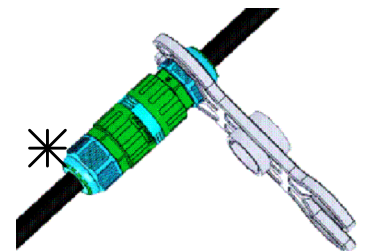
Attention! For the emergency lighting version, the beneficiary has to follow the routine tests listed in IME-1922!
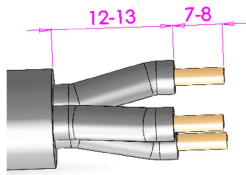
Opening the optical void product warranty!

All installation and maintenance operations will be performed in the absence of electrical voltage and only by authorized persons!
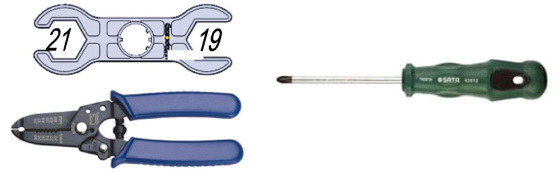
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Annex A - Connecting to mains through fast connector with IP68 protection
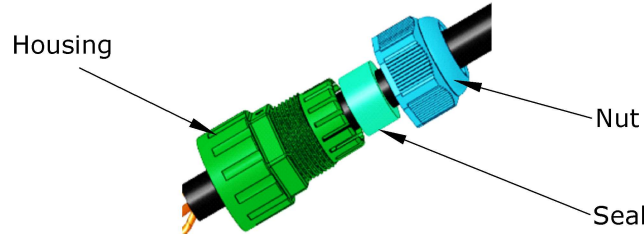
1. Wire Stripping

12-13   7-8

1.1 Cable type: H05RN-F 3x0,75÷2,5mm², thickness Φ 7÷ Φ 9,5mm;
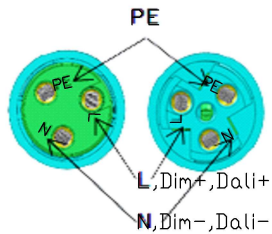1.2 Tools: Wire striper, Screwdriver , 19mm/21mm Wrench .
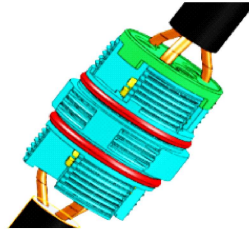
21   19

2. Installing cable into connector
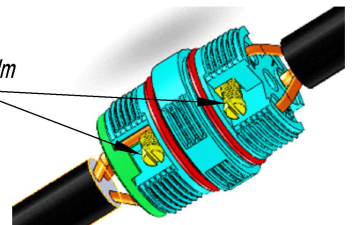
2.1 Insert the cable through connector:

Housing

Nut

Seal

2.2 Connect the wires to corresponding terminals:

PE

PE

L ,Dim+ ,Dali+

N ,Dim- ,Dali-
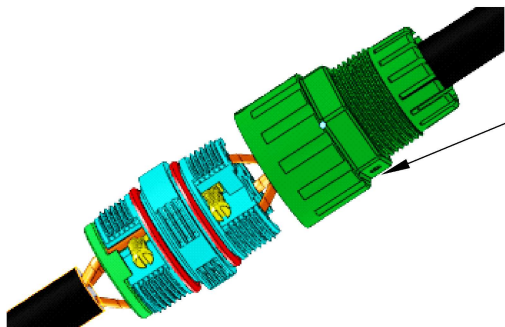
Mains connection / Dimming:
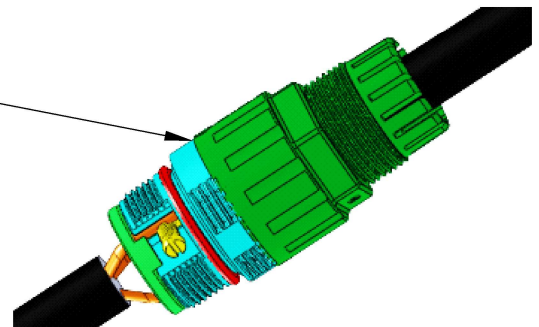L = Line / Dim+ / Dali+
N = Neutral / Dim- / Dali-
PE=Ground
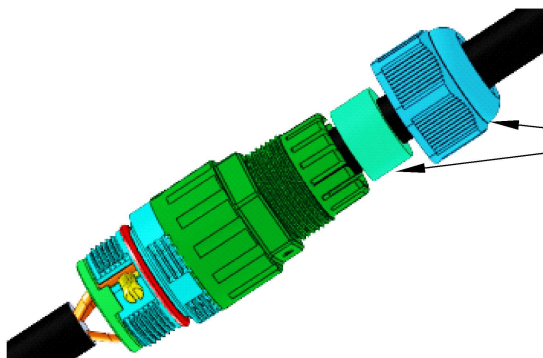
Thightening torque: 0,8±0,1Nm
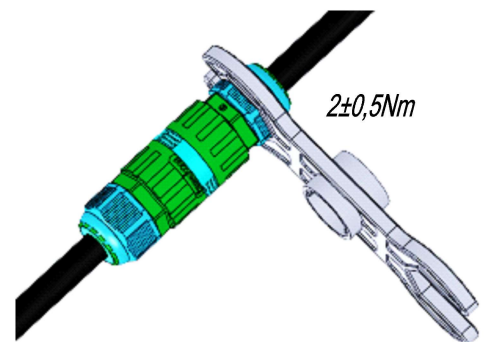
2.3 Screw Housing to Body:

Screw the housing until it touches the connectors body

2.4 Insert the seal into the housing and tighten the nut at torque:

Insert the seal and tighten the nut to 2±0,5Nm torque

2±0,5Nm

2.5 Installing the cable into connector is identical on both sides

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