

- lighting appliance for indoor and outdoor ground-recessed installation. Capable of withstanding the load of motor vehicles with inflatable tyres pumped with air, maximum weight static or dynamic: 2000Kg.

Fixtures that can be utilized in all accessible areas, according to EN60598-2-13	
Pedestrian over, with max. glass temp. of 75°C	
20kN static load resistance.	
version Class I	max. glas Temp. ta 25°C
Pathè G/D	40° C

- Do not install in areas where snowplows are used.

EMBEDDED INSTALLATION WITHOUT PASSAGE OF VEHICLES

for correct assembly, proceed as follows:

- 1) avoid positioning the fixture in areas of subsidence (pict.1) where dirt and stagnant water can accumulate.
- Picture 2
- 2) make a hole (boring) in the ground with a diameter of approximately 40 cm and approximately 50 cm deep.
- 3) square the upper part of the hole by inserting a prefabricated pit of approximately 30x30x30 cm. The upper edge of the pit must be about 2/3 cm higher than the surrounding ground to which it must be connected with an outer slope for the run-off of water and to avoid the accumulation of dirt.
- 4) backfill the hole with a mixture of sand and gravel up to a distance of about 25 cm from the upper edge of the pit. Hose with plenty of water until refusal and tamp the mixture in such a way as to form a compact and homogenous draining layer.
- 5) place four bricks with a trowel of mortar on the bottom of the pit in order to form a solid support base for the outer casing of the fixture which must protrude about 2/3 cm with respect to the edge of the prefabricated pit.
- 6) backfill the pit around the casing with a mixture of well tamped and set sand and gravel, arranging the cables for the electrical connection of the fixture.

EMBEDDED INSTALLATION WITH PASSAGE OF VEHICLES

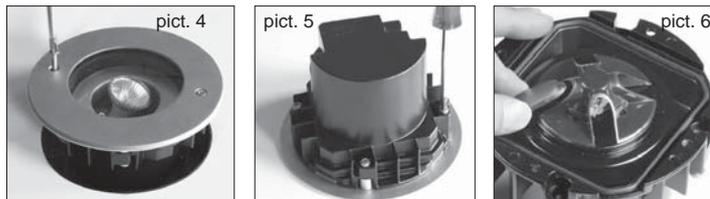
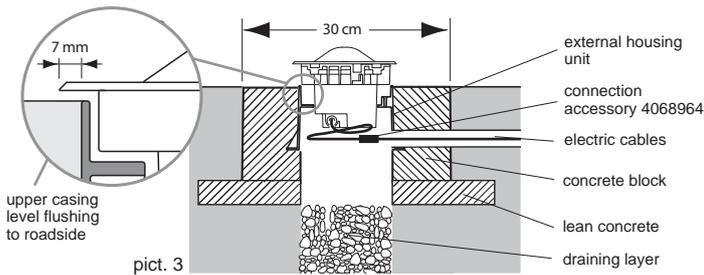
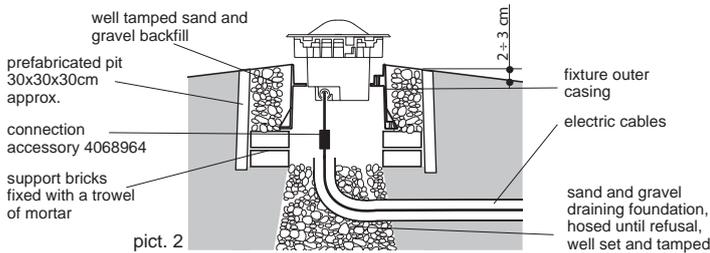
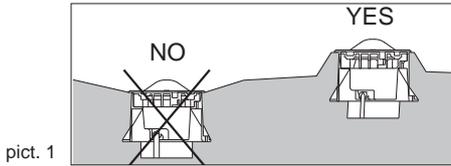
proceed as in the above points 1-2-3-4.

- 5) refer to pict.3, prepare lean concrete cement on which to place the block of concrete, taking care to leave a hole with a diameter of at least 12 cm for drainage. Provide for the passage of electrical wires.
- 6) insert the outer casing of the fixture into a concrete foundation block, batched at 200 kg of 325 type cement per cubic metre of mixture. The block must have a diameter (or side) of not less than 30 cm. Line up carefully the upper edge of the outer casing with the trampling level as per pict. 3.

ELECTRICAL CONNECTION

Important: the electrical connection must be carried out by a skilled electrician. Important: in the case of damage of the appliance, there may be a reduction in the degree of protection with consequent infiltration of water and loss of insulation. Therefore, additional protection should be inserted into the electrical plant against direct contacts (for example a high sensitivity differential switch). During installation, fully respect the current rules on electrical systems.

- For the electrical connection use a flexible <HAR> rubber cable cross-section 1x1.5mm². The fixtures are complete with a piece of H07RN-F cable which is pre-connected and sealed. For a rapid and safe connection with the electric line use the connector 4068964 or an equivalent system that guarantees at least the IP67 degree.



BEAM ADJUSTMENT

- The 4 beam model can reduce the number of beams and rotate them on the vertical axis.
- Cut off power from mains before carrying out any type of maintenance.
 - Remove the fixture from the outer casing and take it to the edge of ground (pict.4).
 - Carefully clean the fixture before opening it by the help of a big brush and a humid cloth.
 - Unscrew the frame (pict.5)
 - The LED support can be turned in clockwise and anti-clockwise direction up to 90° so to direct the light beam (pay attention to the cables underneath) (pict. 6)
 - To reduce the number of beams from 4 to 3 or 2 add respectively 1 or 2 stoppers (supplied with the fixture) in the screen (pict. 6)
 - Great care must be taken avoiding dirtying the gaskets and relative support ledge. Check the gasket and replace it if deformed. Make sure that the gasket is dead-centred in its housing. For a correct operation it is necessary to arrange the unit so that its mouth is horizontal.
 - it is essential a frequent cleaning of the glass and of the outer surface of the fixture to avoid build up of mud and dirtiness resulting in dangerous overheating due to uncorrect light and heat dissipation.
 - important: in the event of damage to the H07RN-F cable, breakage of the screen, infiltration of water, the appliance cannot be used. Disconnect it from the mains supply and contact our company or our sales organization for replacement/repair.

Quality control: Should you have any complaint please get in touch with our company or its sales organization. Please give the number of your order as well as the serial number that recognizes the fixture.

MI/1753-C - 3ª ed

