

Use and maintenance instructions

LIRA 40



Via S. Croce n°121 z.i.
47032 Berinoro (FC) Italia

Ground recessed luminaire including a recessed box.
TECHNICAL DETAILS: refer to the product label

The EU declaration of conformity can be downloaded from our website www.marecoluce.it

IP67 Protection degree against dust ingress, solid particles, moisture

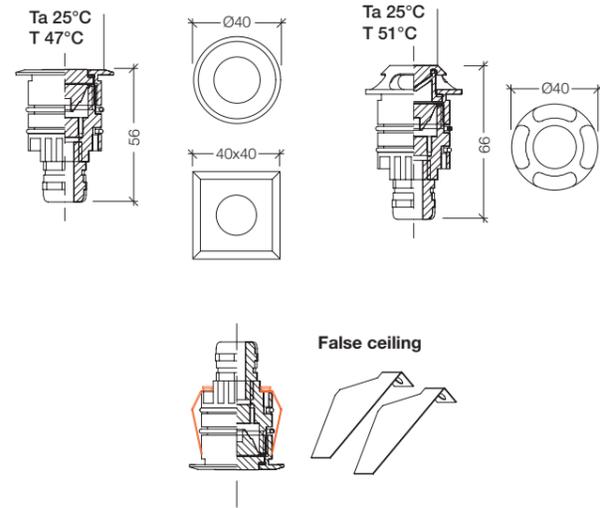
Can be driven on by vehicles, max weight load 500 Kg, 20 Km/h

Insulation Class III

Caution, risk of electrical shock. The lighting source of this luminaire must be replaced by the Manufacturer only

This product must not be disposed as a normal household waste

Do not stare at the light source while the luminaire is on

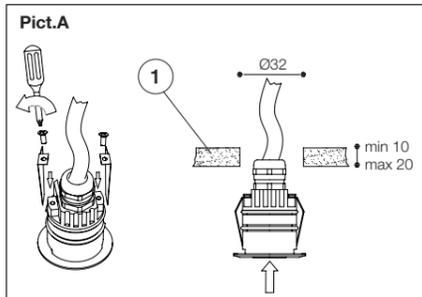
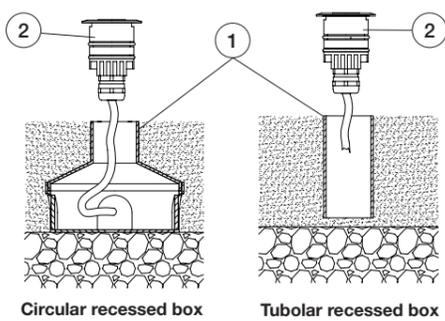


WARNINGS:

- THE SAFETY OF THIS PRODUCT IS GUARANTEED ONLY WITH THE RESPECT OF THE EXISTING RULES FOR THE ELECTRICAL SYSTEMS AND WITH THE APPROPRIATE USE OF THESE INSTALLATION INSTRUCTIONS, THEREFORE IT IS NECESSARY TO KEEP THEM.
- THE IMPROPER USE OF THIS PRODUCT IS FORBIDDEN; ANY TAMPERING WITH THE PRODUCT OR MODIFICATION OF THE PRODUCT THAT IS NOT AUTHORIZED BY MARECO LUCE CAN CAUSE DAMAGE TO PEOPLE, ANIMALS OR THINGS AND WILL VOID ANY WARRANTY OR LIABILITY.
- SWITCH OFF THE ELECTRICITY BEFORE CONDUCTING ANY KIND OF MAINTENANCE.
- THE PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH BEST PRACTICE.
- THE RECESSED BOX IS AN INTEGRAL PART OF THE LUMINAIRE, AND THEREFORE IN CASE OF GROUND INSTALLATION IT IS COMPULSORY.
- THE FALSE CEILING LOCKING MECHANISM KIT IS AN INTEGRAL PART OF THE LUMINAIRE, AND THEREFORE IN CASE OF FALSE CEILING INSTALLATION IT IS COMPULSORY.
- ANY PART OF THE LUMINAIRE NOT PROTECTED FROM THE RECESSED BOX SHOULD COME IN CONTACT WITH THE GROUND OR WITH HARSH CHEMICALS, DEFROSTING AGENTS, SALINE ENVIRONMENTS.
- DO NOT COVER THE VISIBLE PARTS OF THE LUMINAIRE.
- DAMAGED COMPONENTS MUST BE REPLACED WITH MARECO LUCE ORIGINAL SPARE PARTS BEFORE REUSING THE PRODUCT.
- IN CASE OF FALSE CEILING INSTALLATION, MAKE SURE THAT THERE IS NO HEATING SYSTEM ABOVE THE CEILING.
- IN THE CASE OF 700mA SUPPLY, THE MAX ENVIRONMENTAL TEMPERATURE MUST NOT EXCEED 25°C
- CONNECT THE LUMINAIRES TO THE DRIVER FIRST, AND ONLY AFTER THIS STEP, CONNECT THE DRIVER TO THE MAIN SUPPLY.
- DO NOT STARE AT THE LED OF THE LUMINAIRE UNLESS YOU ARE AT A SAFETY DISTANCE (FOR SAFETY DISTANCE SEE TABLE A).
- THE LIGHT SOURCE OF THIS LUMINAIRE MUST BE REPLACED ONLY BY THE MANUFACTURER

GENERAL MAINTENANCE RECOMMENDATIONS:

- CLEAN THE EXTERIOR PART OF THE LUMINAIRE PERIODICALLY IN ORDER TO REMOVE DIRT DEPOSITS ON THE DIFFUSER AND ON THE FRAME.
- DO NOT USE HARSH DETERGENTS OR HIGH-PRESSURE WATER JET MACHINES TO CLEAN THE DIFFUSER.
- CHECK THE INTEGRITY OF THE COMPONENTS AND REPLACEMENT IN CASE OF DAMAGE BY USING ONLY MARECO LUCE ORIGINAL SPARE PARTS.



INSTALLATION WITH locking mechanism for false ceiling:

1. Mount the Fixing Kit to the luminaire as shown in pict. A, tighten the screws tightly.
2. Drill a Ø32mm hole on the wall or ceiling (1).
- WARNING:** the thickness of the installation surface must be between 10 and 20 mm.
3. Make the electrical connection: brown cable +, blue cable -.
4. Insert the luminaire (2) in the hole checking the direction of the light beam for the versions with asymmetrical lens, and with eyelid.

INSTALLATION WITH recessed box:

1. Recess the recessed box (1) wall/floor/ceiling level (see the recessed box instructions), and then connect the wires (+ brown wire, - blue wire).
 2. Insert the fitting (2) into the recessed box, making sure to position it correctly according to the beam direction (for asymmetric and directional optics versions).
- WARNING:** fittings with built-in self locking mechanism rings. DO NOT USE ANY GLUES

PLEASE NOTE: The optional accessories cannot be placed inside the recessed box, but it is necessary to create a suitable housing for them near the product.

Series connection: Brown wire (+), blue wire (-)
WARNING: IN THE CASE OF 700mA SUPPLY, THE MAX ENVIRONMENTAL TEMPERATURE MUST NOT EXCEED 25°C
CONNECT THE LUMINAIRES TO THE DRIVER FIRST, AND ONLY AFTER THIS STEP, CONNECT THE DRIVER TO THE MAIN SUPPLY

Codice	350mA	500mA	700mA
CS160018 (350mA - 17W)	 min 4 - max 12	---	---
CS160017 (500mA - 9W)	---	 min 1 - max 3	---
CS160024 (settabile - 15W)	 min 1 - max 12	 min 1 - max 8	 min 1 - max 6

Table A

Code	Lens	Driver output (mA)	Photobiological risk	Minimum distance from which you can stare at the luminaire led. (m)
4040.182W 4042.182W	7°	350	RG1	/
		500	RG1	/
		700	RG2	1,9
4040.184W 4042.184W	7°	350	RG1	/
		500	RG1	/
		700	RG2	1,4
4040.282W 4042.282W	22°	350	RG1	/
		500	RG1	/
		700	RG2	0,8
4040.284W 4042.284W	22°	350	RG1	/
		500	RG1	/
		700	RG2	0,8
4040.382W 4042.382W	33°	350	RG1	/
		500	RG1	/
		700	RG2	0,7
4040.384W 4042.384W	33°	350	RG1	/
		500	RG1	/
		700	RG2	0,6
4040.482W 4042.482W	9x20°	350	RG1	/
		500	RG1	/
		700	RG2	0,5
4040.484W 4042.484W	9x20°	350	RG1	/
		500	RG1	/
		700	RG2	0,5
4044.182W	1 light	350	RG1	/
		500	RG1	/
		700	RG1	/
4044.184W	1 light	350	RG1	/
		500	RG1	/
		700	RG1	/
4044.282W	2 lights	350	RG1	/
		500	RG1	/
		700	RG1	/
4044.284W	2 lights	350	RG1	/
		500	RG1	/
		700	RG1	/
4044.482W	4 lights	350	RG1	/
		500	RG1	/
		700	RG1	/
4044.484W	4 lights	350	RG1	/
		500	RG1	/
		700	RG1	/