Installation Guide

SolarPath LightDeco SolaTile

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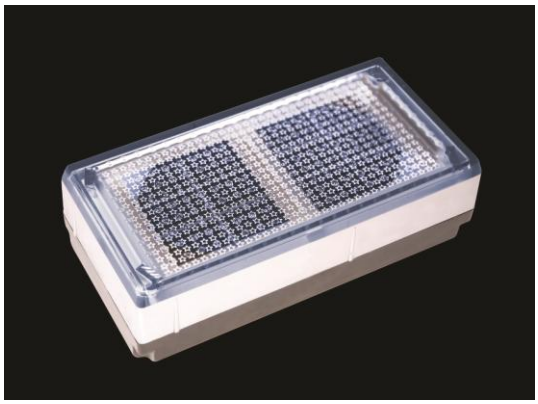
1 Overview

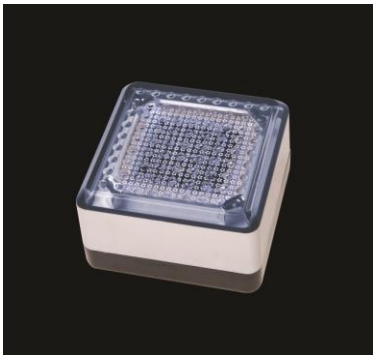
This document describes the procedure for the installation of the Solarpath LightDeco SolaTile.

SolaTile II 8x8

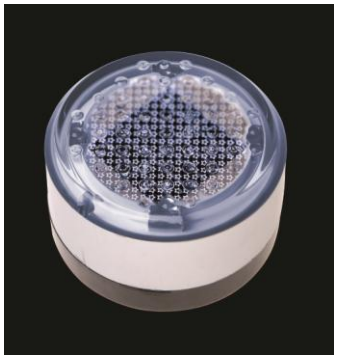
SolaTile 4x8



SolaTile II 4x4



SolaTile II 4" Round



SolaTile Rigel

2 Installation Environment

2.1 Lighting conditions

All LightDeco series products should be installed in an environment which allows at least 3 hours of charge time by direct clear day sun-light or 8 hours of direct soft sun-light (cloudy or rainy conditions)

2.2 Temperature

Solarpath LightDeco SolaTile is resistant to extreme weather conditions and can operate under the temperature range of -13ºF to 140ºF.
Constant operation outside this temperature range may affect unit lifetime and output.

2.3 Chemicals

Some chemicals such as solvents and gases may cause damage to the SolaTile. Please do not install SolaTile at sites where they may be subject to harmful chemicals.

3 Installation Procedure

3.1 Placement

The LightDeco SolaTiles are available in the following sizes:

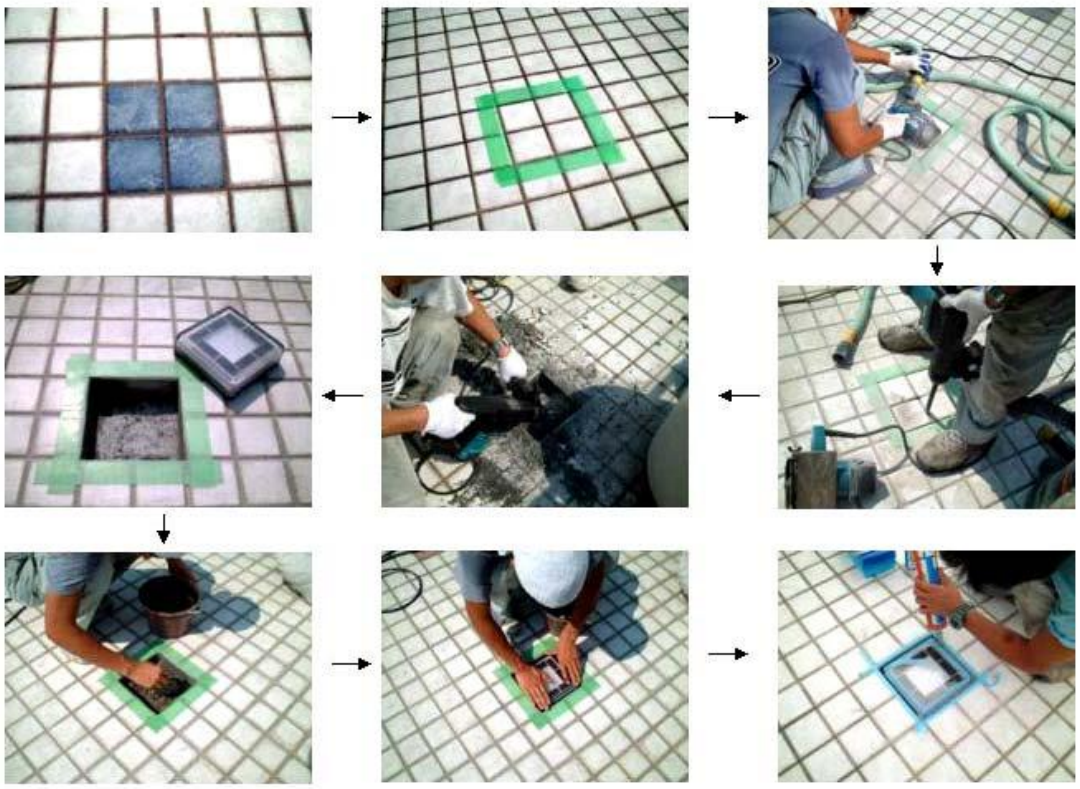
- 8”W x 8”L x 2.54” H
- 4”W x 8”L x 2.54” H
- 4”W x 4”L x 2.54” H
- 4” Round x 2.54” H

RIGEL
- 1.97”W x 1.38” H

Planning of installation and architectural design should be based on the measurements above, while taking to consideration the required gap for adhesive (required gap varies depending on which adhesive is being used)

The Installation procedure (refer to below pictures) for LightDeco SolaTiles is the same as that of standard paving bricks in both mortar-less and mortared installation. The pictures below show the complete procedure for the installation of a SolaTile unit.

In case the SolaTiles are being installed together with new tiles, no special instructions are required and the SolaTile can be installed in the same way the other tiles are being installed.



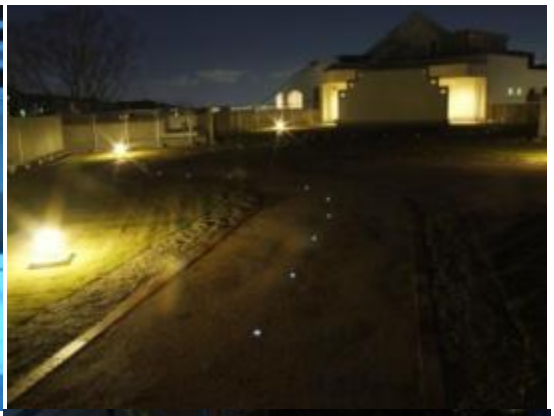
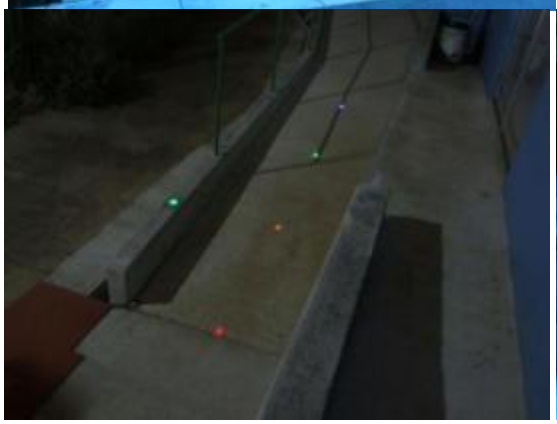
3.2 Permanent fixing

We recommend the use of silicon adhesive for fixing the SolaTile unit.

If other adhesive is used, please use a non-contracting type in order to prevent possible stress being applied to the SolaTile by repeated contractions and expansions.

Installation using Silicone

4 Installation verification

3 hours past installation, verify that the unit is firmly locked in its installation pit and is irremovable.

5 Installation examples