LITEON®
OPTOELECTRONICS

Specific Lighting

Photocatalyst Filter

Data Sheet

LTPL-R6060BSH

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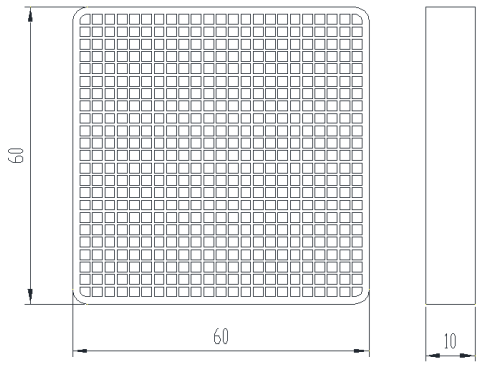
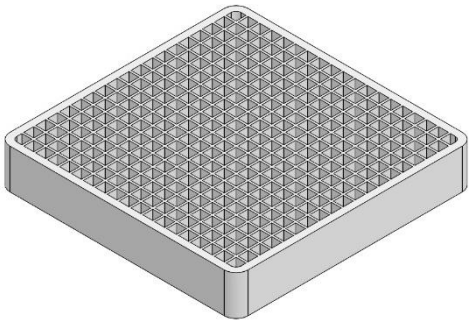
1. Description

LiteOn Photocatalyst Filter is a revolutionary, efficient purity and eco-friendly new material, combining the lifetime and stability advantages of ceramic foam with photocatalyst coating. Photocatalyst coated at filter absorbs the light source (UV)) and accelerates a photoreaction. Light energy kick-starts a process that eliminates all kinds of nasty air pollutants, VOC, or virus and turns them into harmless substances instead.

2. Characteristics

Parameter	Values	Unit
Outline Dimension	60 X 60 ±2	mm
Thickness	10 ±1	mm
Weight	25.0 ±1	g
Filter Material	Al_2O_3	
Coating Material	TiO_2 Photocatalyst	
Filter Color	White	





3. Cautions

Packaging and Marking

The photocatalyst filter are packed in tray and cardboard boxes protecting them from damage. Sides of photocatalyst filters are separated with a soft tissue. Each photocatalyst is placed in tray to prevent contact in the box. The box with filters must be delivered undamaged without apparent defects. Each box has a filter identification tag containing data.

Transportation and Storing

The cardboard boxes and packages with ceramic foam filters are transported in covered means of transport. It is forbidden to throw with the boxes and handle them in any other rough way. They can only be stored in covered and dry storage rooms. It is only allowed to stack five layers on each other.

Handling and Use

Ceramic photocatalyst filters should be handled accordingly. Take a filter out of the package and carefully remove possible ceramic particles by hand or blow them off with pressure air. It is recommended to handle foundry filters with gloves. By no means try to adapt the filter (cutting or grinding). Its shape and dimensions must correspond with the space in the filter print or ceramic shell.