

# PRODUCT TECHNICAL SPECIFICATIONS

<b>PRODUCT</b>	<b>TRANSPARENT PIR LENS ARRAY, 15 SECTORS</b>	<b>CODE</b>	<b>HV - 56</b>
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## 1. INTRODUCTION

PIR Fresnel lens array from HOLOVISION<sup>®</sup> are suitable for online monitoring as well as lighting automation applications.

## 2. SPECIFICATIONS

### TRANSPARENT PIR ARRAY 15 SECTORS

<b>Product Code</b>	<b>HV - 56</b>
<b>Field of View</b>	<b>110 °</b>
<b>Detection Range <sup>1</sup>, m</b>	<b>12</b>
<b>Focal Length, mm</b>	<b>27</b>
<b>Radius of Curvature , mm</b>	<b>27 - 52</b>
<b>Lens assembly <sup>2</sup></b>	
<b>Number of Sectors</b>	<b>15</b>
<b>Overall Dimension, mm</b>	<b>60 X 42</b>
<b>Installation Height <sup>3</sup>, m</b>	<b>2 to 3</b>
<b>Wall Installation Angle <sup>3</sup></b>	<b>0 - 15 °</b>

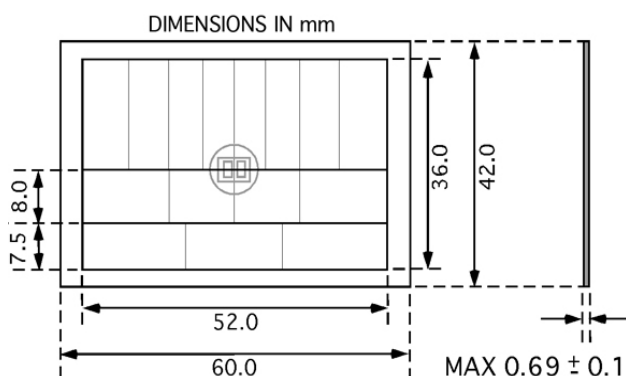
<sup>1</sup> radius of curvature equal to the focal distance  
 PerkinElmer LHi878 pyro-sensor;  
 electronic amplifier with ~75 dB gain.

<sup>2</sup> best performance: 2.1 m height

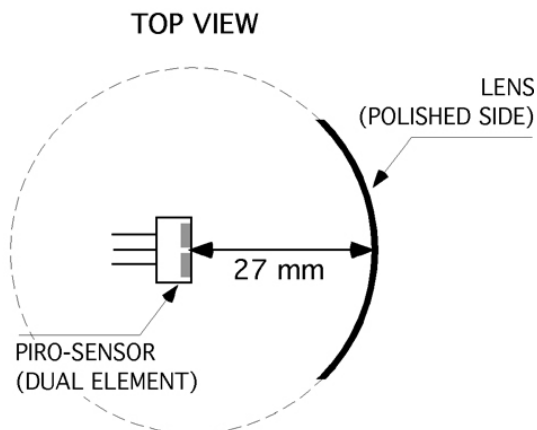
<sup>3</sup> best performance: 15°

## 3. MECHANICAL DIMENSIONS

Pyrosensor is represented in the center.



## 4. LENS ASSEMBLY ON SENSOR



## 5. DETECTION MAP (see note 1 beside)

Sensor installed at 2.1 m height, 15° tilt angle.

