

PRODUCT TECHNICAL SPECIFICATIONS

PRODUCT	TRANSPARENT PIR LENS ARRAY, 24 SECTORS	CODE	HV - 58
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1. INTRODUCTION

PIR Fresnel lens array from HOLOVISION[®] are suitable for online monitoring as well as lighting automation applications.

2. SPECIFICATIONS

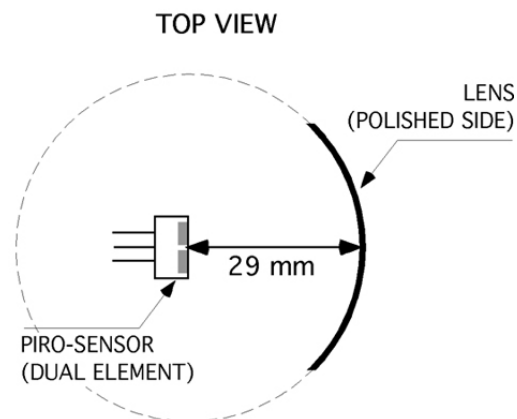
TRANSPARENT PIR ARRAY 24 SECTORS	
Product Code	HV - 58
Field of View	110 °
Detection Range ¹ , m	12
Focal Length, mm	29
Radius of curvature, mm	29 - 58
Lens assembly ²	
Number of Sectors	24
Overall Dimension, mm	57 X 44
Installation Height ³ , m	2 - 3
Wall Installation Angle ³	0 - 15 °

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

² best performance: 2.1 m height

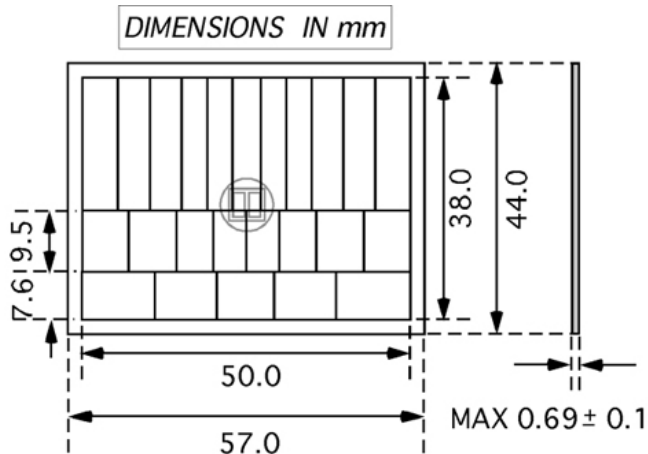
³ best performance: 15°

4. LENS ASSEMBLY ON SENSOR



3. MECHANICAL DIMENSIONS

Pyrosensor is represented in the center.



5. DETECTION MAP (see note 1 beside)

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

