

MESSRS. : _____

AGENT : _____

SPECIFICATION of Optical Lens

MODEL NO. : NCL-9(10)

 **NIPPON CERAMIC CO., LTD.**

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Approved by	Checked by	Prepared by

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1. Scope

This specification describes a optical lens which is used for passive infrared detector.

2. Type of Lens

2.1. Type Name: Spherical shape optical lens

2.2. Model No.: NCL-9(10)

3. Dimensions

See Figure 1.

4. Material

High Density Polyethylene (HDPE)

5. Color

Natural

6. Optical Characteristics**6.1. Number of Segments**

10 Segments

6.2. Detection Area

See Figure 2.

7. Environmental Characteristics**7.1. Operating Temperature**

-20 °C ~ +70 °C

7.2. Storage Temperature

-25 °C ~ +75 °C

7.3. Operating humidity

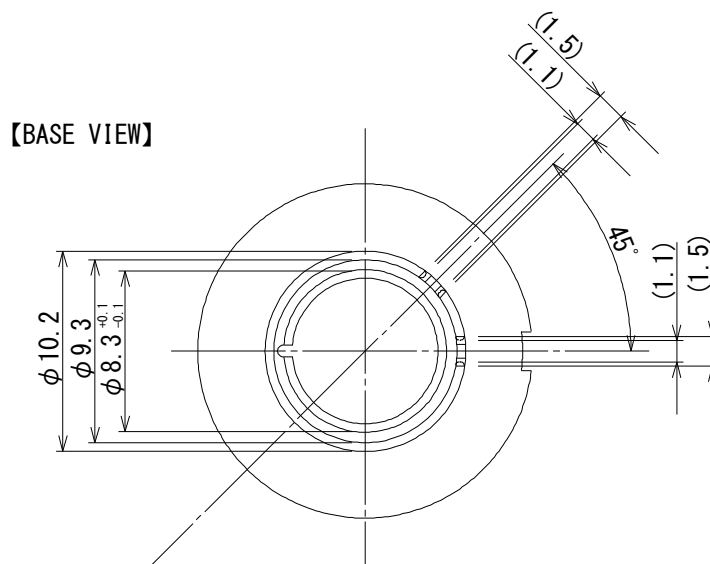
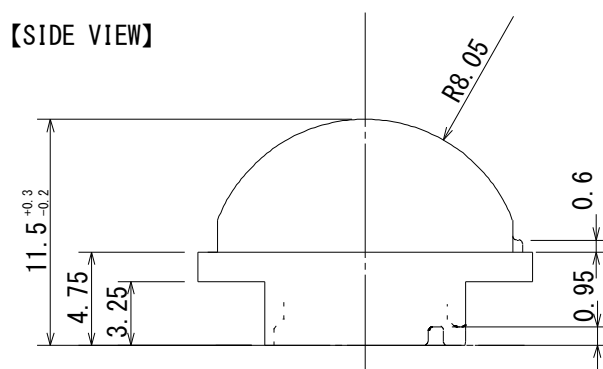
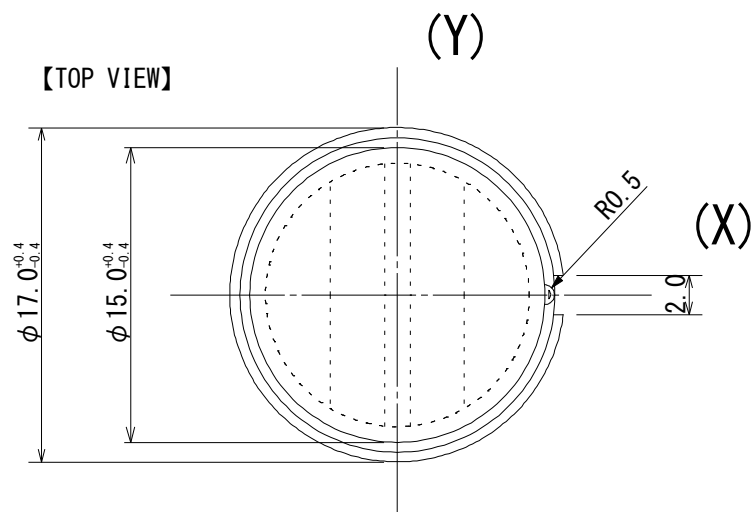
95%RH or less(30 °C)

7.4. Storage humidity

95%RH or less(30 °C)

* Please avoid using the lens in direct sunshine conditions because it may cause degradation of the transmittivity.

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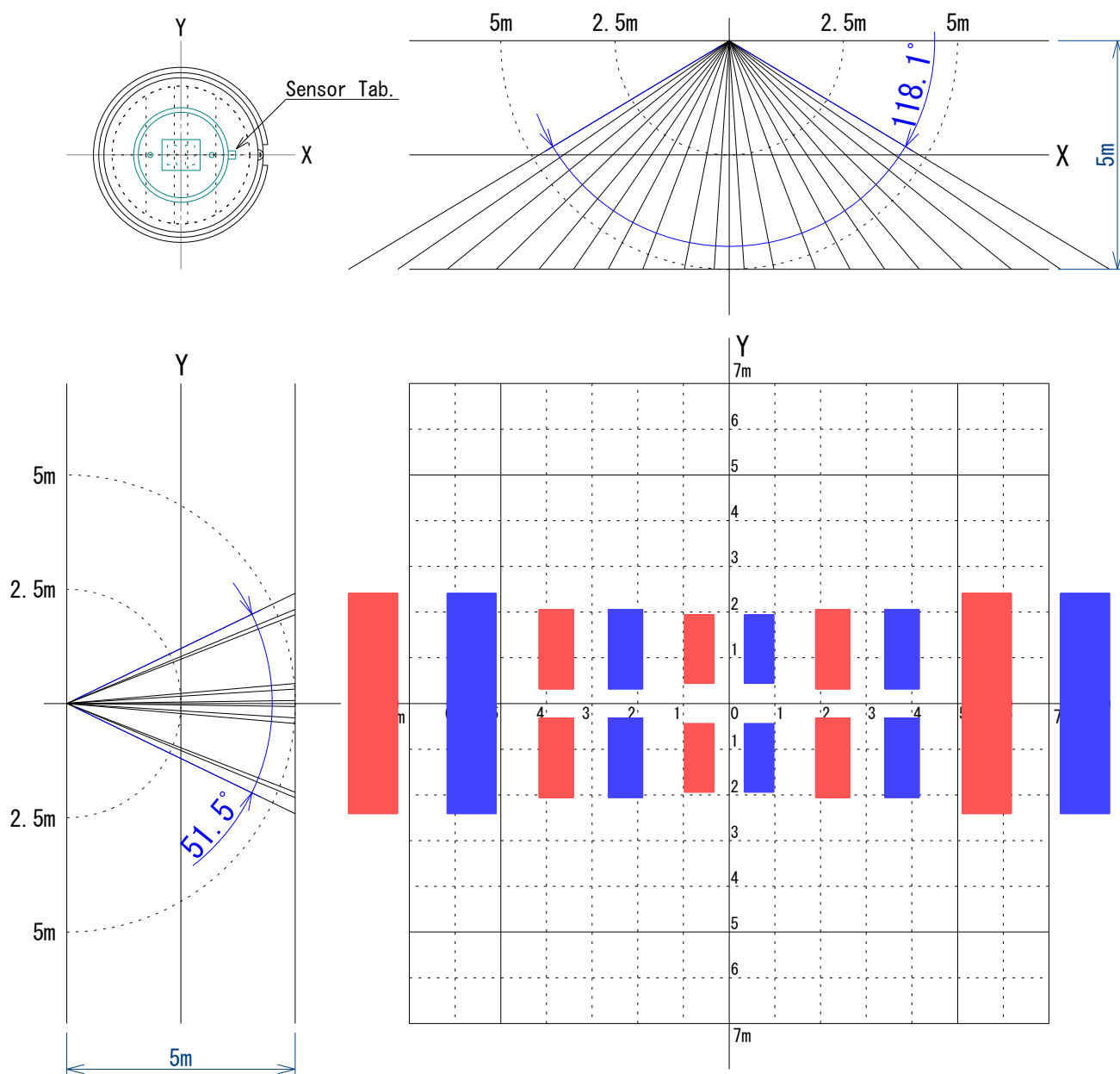


Tolerance without instruction : (+/-) 0.2
Unit [mm]

Figure 1: Dimensions

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Dual Element type(Element size : 2.3*1.0-Gap1.0)



Zone : 20

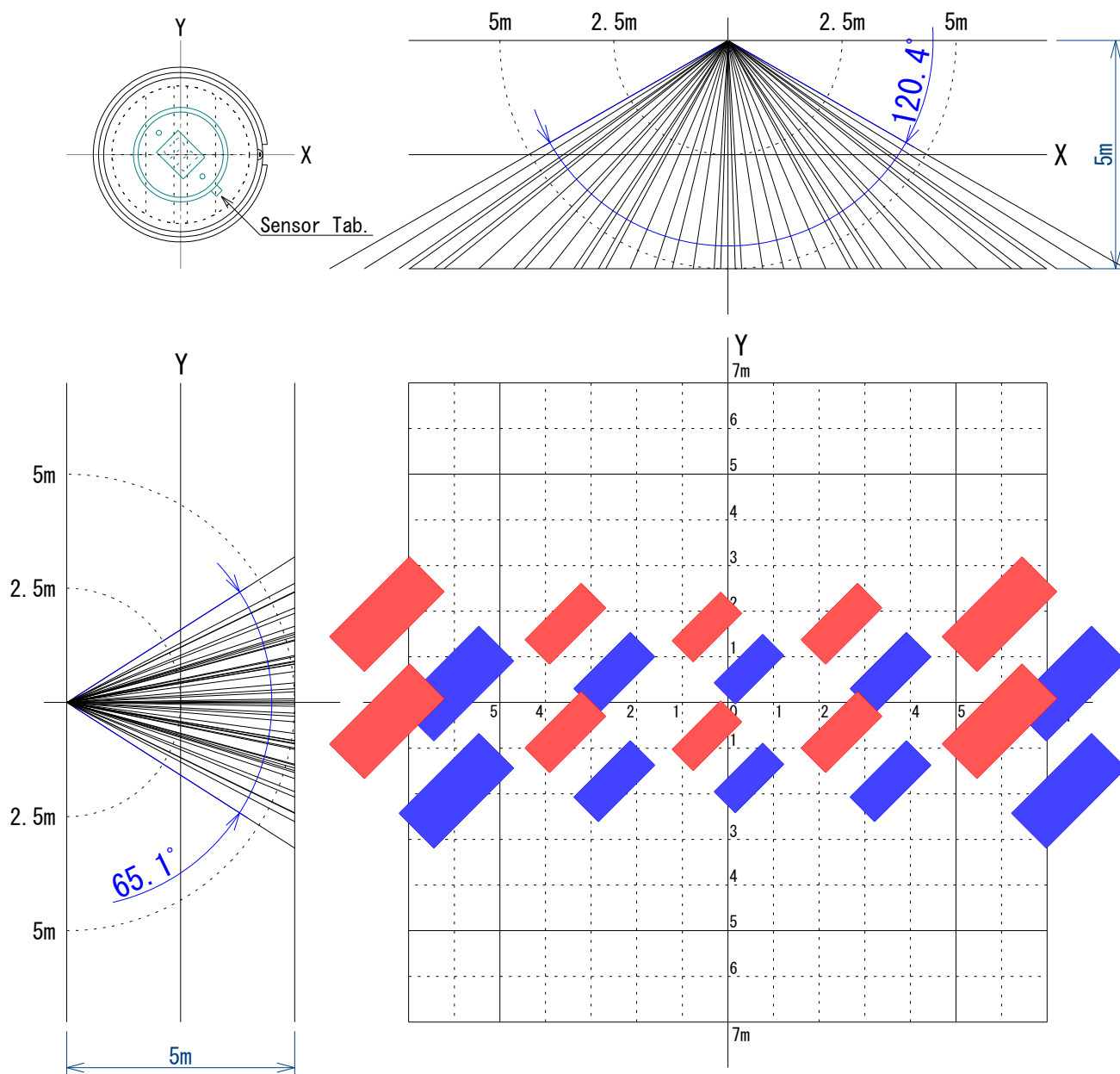
Distance : 5m
(Traverse Plane)

Unit [m]

Figure 2A: Detection Area (with Dual Element PIR)

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Dual Element type(Element size : 2.3*1.0-Gap1.0)



Zone : 20

Distance : 5m
(Traverse Plane)

Unit [m]

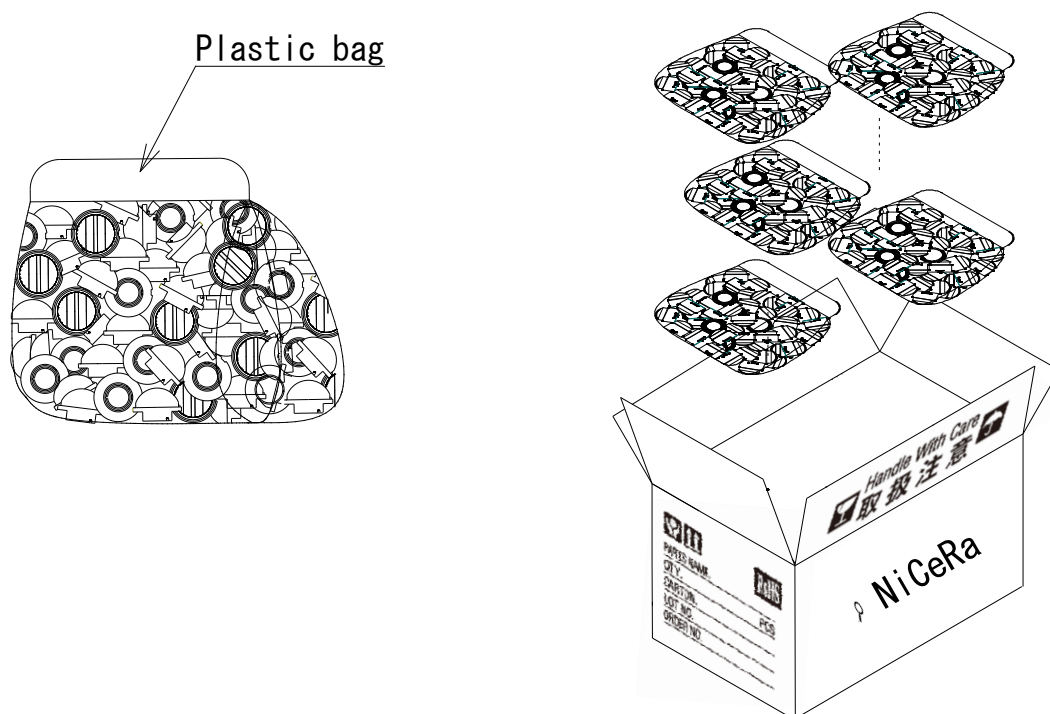
Figure 2B: Detection Area (with Dual Element PIR)

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Packing Specification

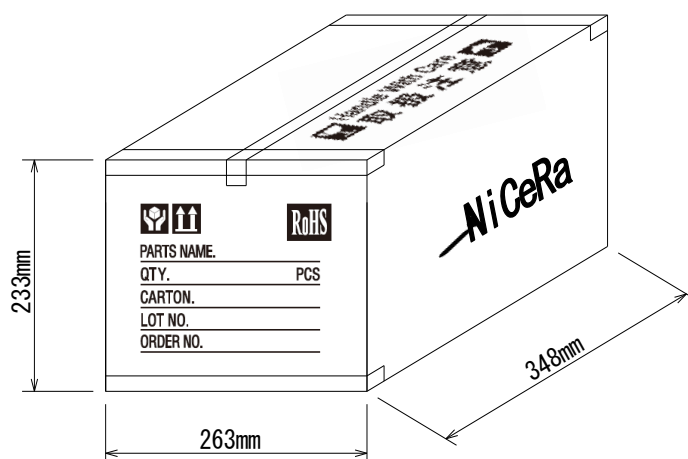
The products are put into a plastic bag, and the plastic bags are packed in an inner box.

1. Standard Package Quantity : 5,000pcs.
2. Product arrangement
1,000 pcs. / plastic bag
3. Packing
5 bags × 1,000 pcs. / 5,000 pcs.



4. Packing in a box

The outer box is sealed with stick tape.



* Identification code may be added to the product name.

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