

MESSRS. : _____

AGENT : _____

SPECIFICATION of Optical Lens

MODEL NO. : NCL-9(26) **NIPPON CERAMIC CO., LTD.**176-17 Hirooka, Tottori-shi, 689-1193 JAPAN
TEL: +81-857-53-4666 FAX: +81-857-53-3532

Approved by	Checked by	Prepared by

MODEL NO. : NCL-9(26)	DRAWING NO. :	REV :	PAGE	 NIPPON CERAMIC CO., LTD.
PART NO. :		A	1 / 6	

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(26)

3. Dimensions

See Figure 1.

4. Material

High Density Polyethylene (HDPE)

5. Color

Natural

6. Optical Characteristics

6.1. Number of Segments

26 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

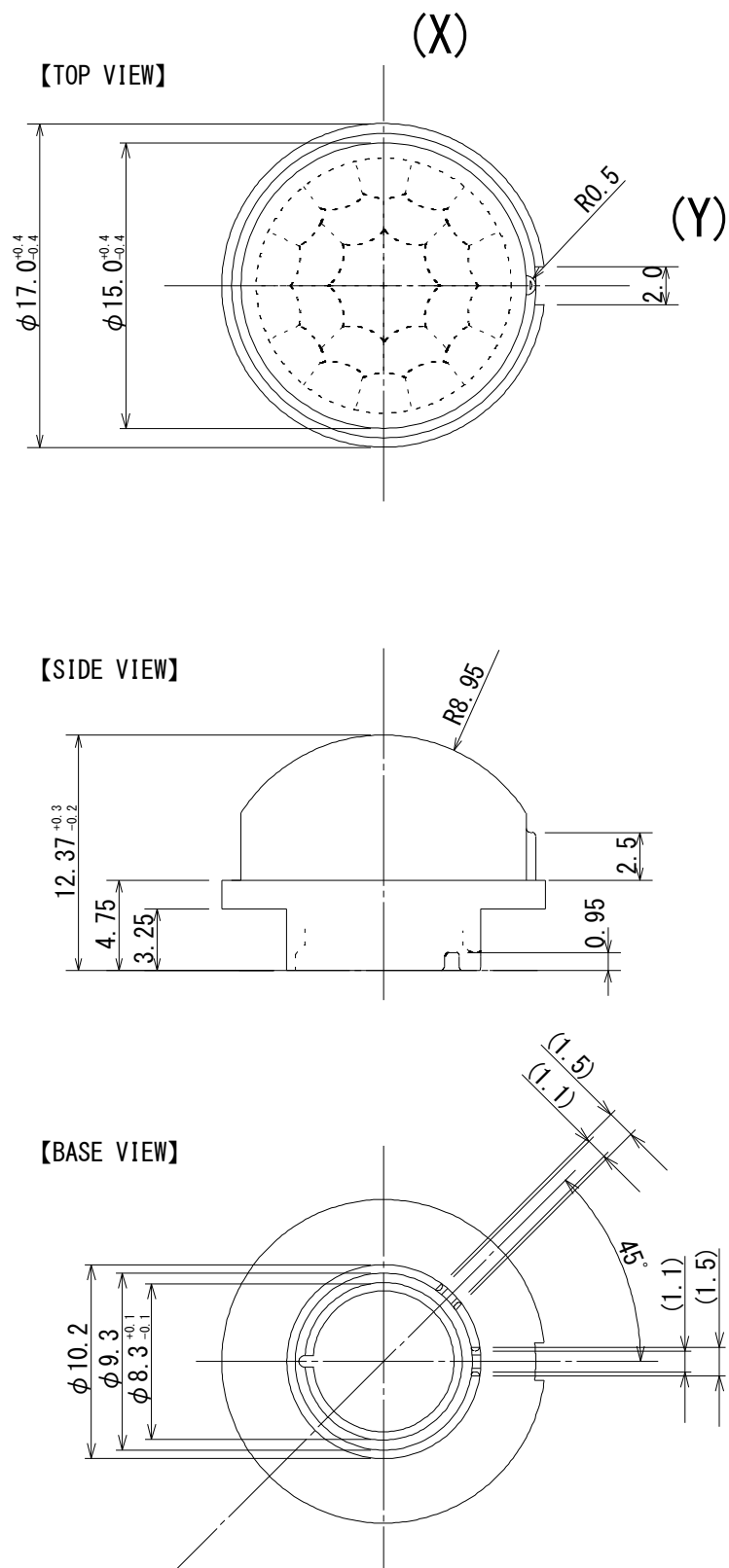
95%RH or less(30 °C)

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.

MODEL NO. : NCL-9(26)	DRAWING NO. :	REV :	PAGE	 NIPPON CERAMIC CO., LTD.
PART NO. :		A	2 / 6	



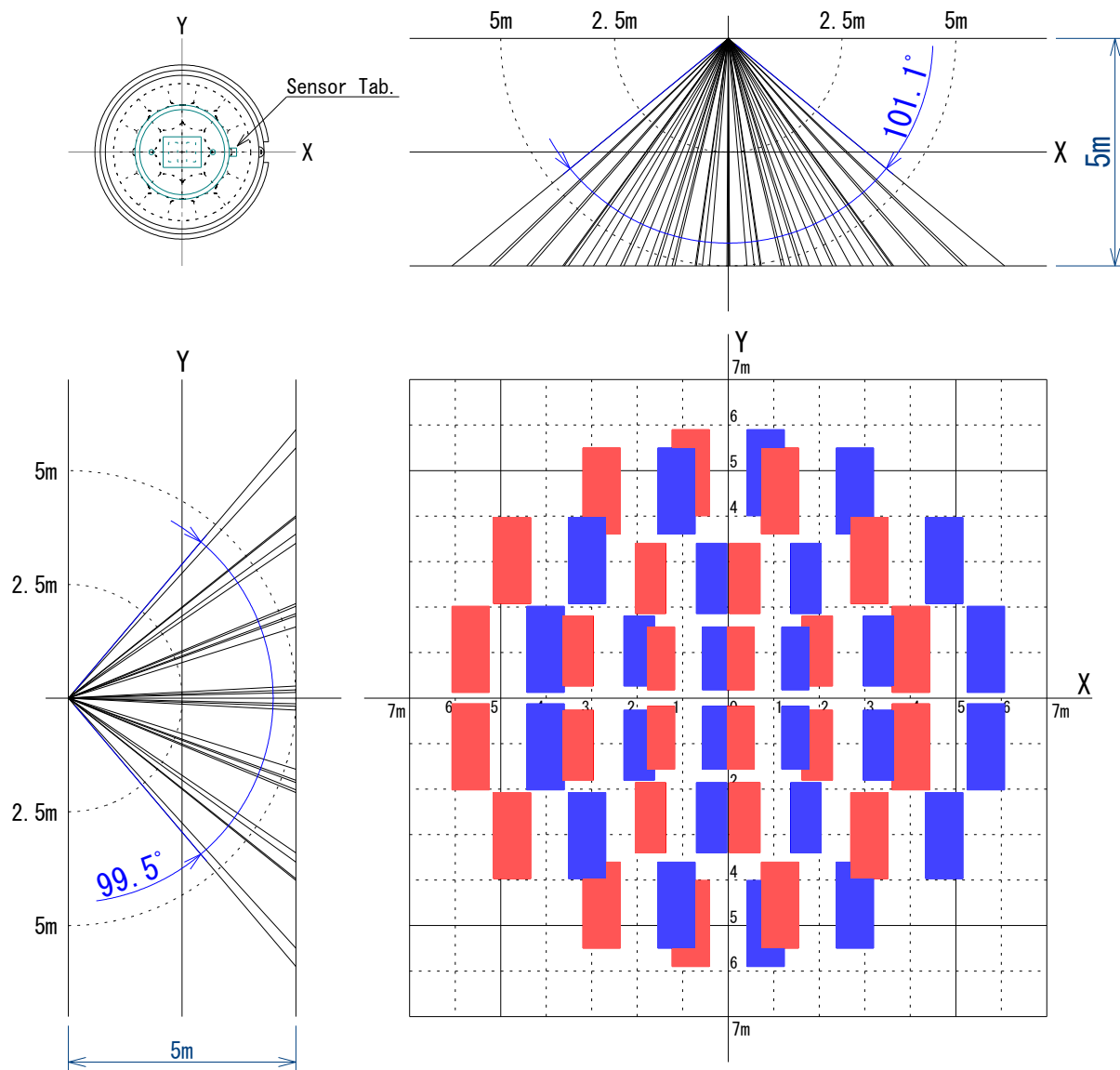
Tolerance without instruction : (+/-) 0.2

Unit [mm]

Figure 1: Dimensions

MODEL NO. : NCL-9(26)	DRAWING NO. :	REV :	PAGE	 NIPPON CERAMIC CO., LTD.
PART NO. :		A	3 / 6	

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



Zone : 52

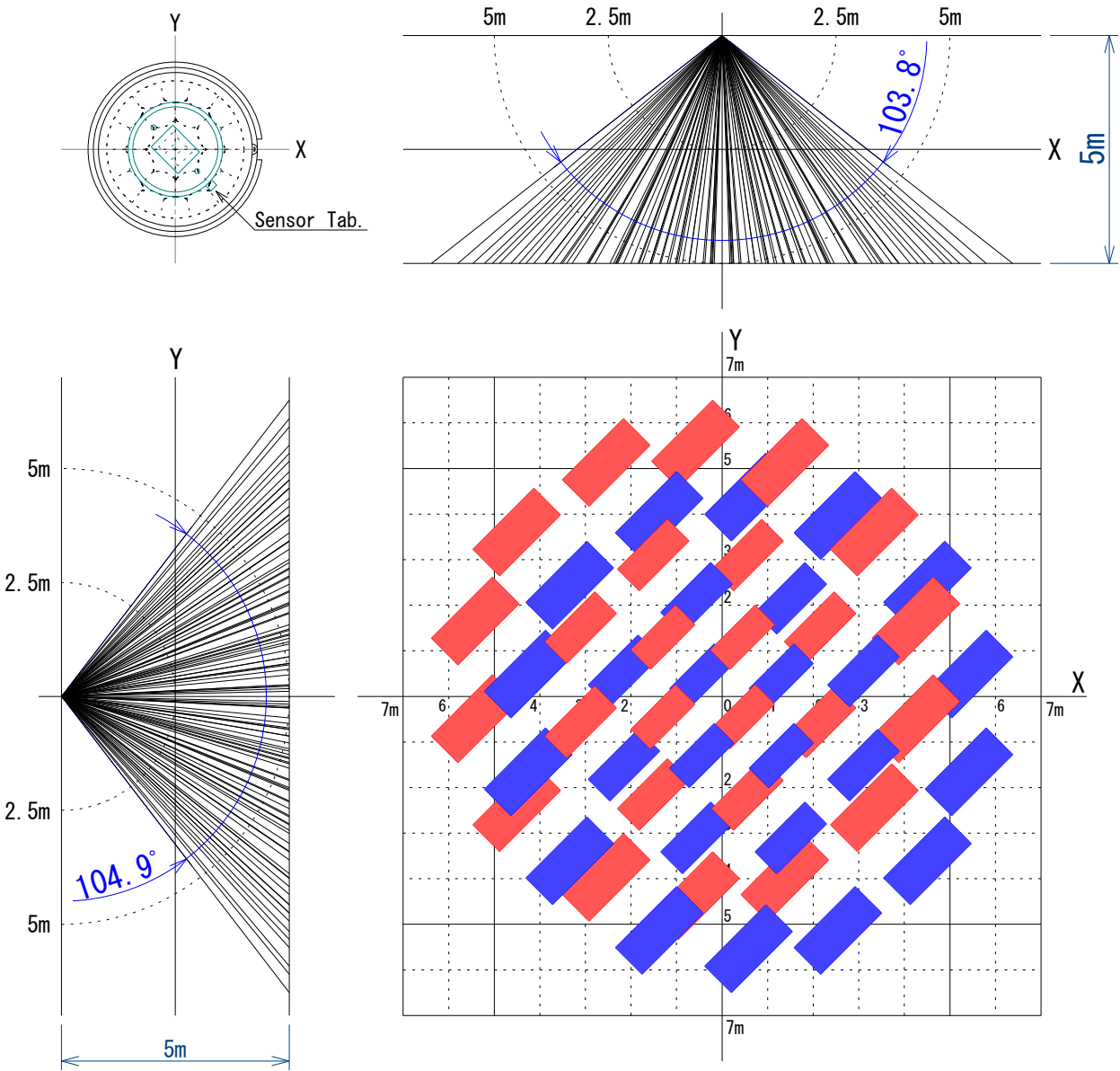
Distance : 5m
(Traverse Plane)

Unit [m]

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

MODEL NO. : NCL-9(26)	DRAWING NO. :	REV :	PAGE	 NIPPON CERAMIC CO., LTD.
PART NO. :		A	4 / 6	

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



Zone : 52

Distance : 5m
(Traverse Plane)

Unit [m]

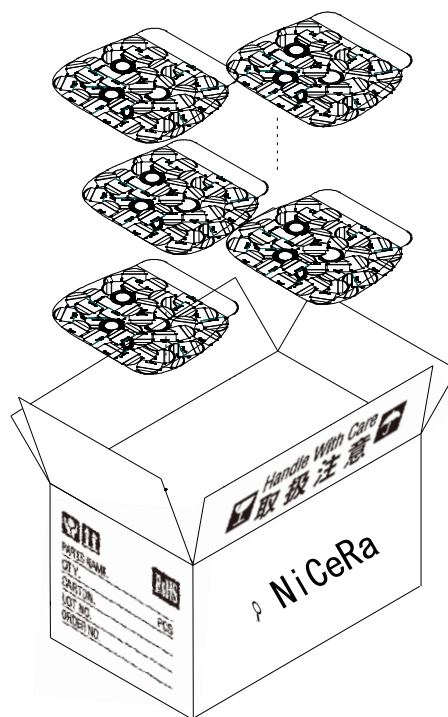
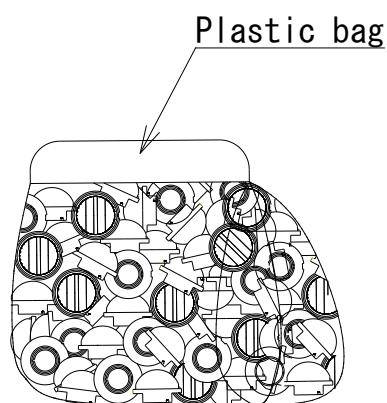
Figure 2B: Detection Area (with Dual Element PIR)

MODEL NO. : NCL-9(26)	DRAWING NO. :	REV : A	PAGE 5 / 6	NIPPON CERAMIC CO., LTD.
PART NO. :				

Packing Specification

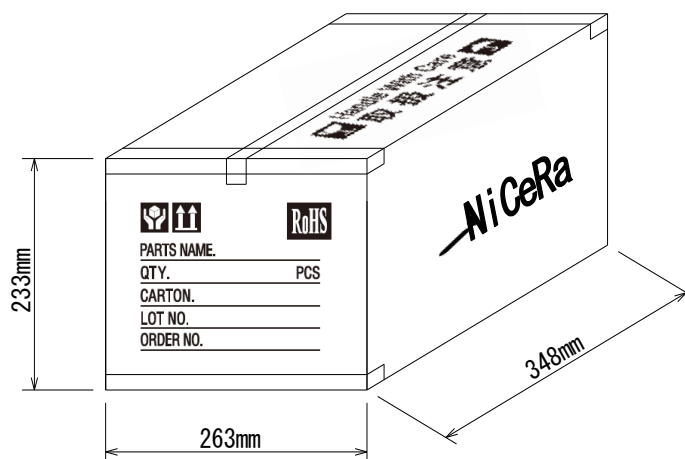
The products are put into a plastic bag, and the plastic bags are packed in an inner box.

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.

MODEL NO. : NCL-9(26)	DRAWING NO. :	REV : A	PAGE 6 / 6	 NIPPON CERAMIC CO., LTD.
PART NO. :				