

## White Plate

(# 33496/33596/33696/335384/336384)

### 1. Description

SPL White Plate is suitable for obtaining amplified signals in a luminescence assay with high reflections and minimized cross-talk. In addition, the highly transparent bottom provides an optimal environment for microscopic observation at once.

#### Surface materials for White Plates

**Glass:** naturally charged, good growth surface for adherent cells

**FLux:** surface modified plastic film (188 µm thick), optimal for confocal microscopy

**PS:** thinner than existing PS plate, good for cell attachment and microscopic observation.

### 2. Features

- ❖ White Wall/Clear Bottom
- ❖ Bottom materials: Glass or FLux or PS
- ❖ Designed to prevent cross contamination
- ❖ Effective gas exchange lid inner design
- ❖ Alphanumeric labeling
- ❖ Individual packaging in plastic tray (Cat.No. 33496/33596)

### 3. Functional Test

|                    |   |        |
|--------------------|---|--------|
| Sterility          | : | Passed |
| Non-Cytotoxic      | : | Passed |
| Non-Pyrogenic      | : | Passed |
| DNase / RNase free | : | Passed |
| DNA free           | : | Passed |

### 4. Product Range

| Cat. No. | Material<br>(Plate/Bottom) | Bottom<br>Type | External Dimension<br>(mm) | Well<br>Dimension<br>d x h (mm) | Growth<br>Area<br>(cm <sup>2</sup> ) | Working<br>Volume<br>(ml) | Surface<br>Treatment | Sterile | Packaging |
|----------|----------------------------|----------------|----------------------------|---------------------------------|--------------------------------------|---------------------------|----------------------|---------|-----------|
| 33496    | PS / Glass                 | Flat           | 85.40 x 127.60 x 14.40     | 6.50 x 10.80                    | 0.30                                 | 0.20                      | -                    | +       | 1 / 10    |
| 33596    | PS / FLux                  | Flat           | 85.40 x 127.60 x 14.40     | 6.50 x 10.80                    | 0.30                                 | 0.20                      | +                    | +       | 1 / 10    |
| 33696    | PS / PS                    | Flat           | 85.40 x 127.60 x 14.40     | 6.50 x 10.80                    | 0.30                                 | 0.20                      | +                    | +       | 5 / 25    |
| 335384   | PS / FLux                  | Flat           | 85.40 x 127.60 x 14.40     | 3.00 x 11.50                    | 0.07                                 | 0.10                      | +                    | +       | 1 / 10    |
| 336384   | PS / PS                    | Flat           | 85.40 x 127.60 x 14.40     | 3.00 x 11.50                    | 0.07                                 | 0.10                      | +                    | +       | 1 / 10    |

### 5. Certification

SPL Life Sciences hereby certifies that the product identified above, inspected to be in compliance with product quality specification and requirements as documented in our ISO 9001:2015 Quality Management System (K-QA-Q031478) in Korea.

### 6. Product Photographs



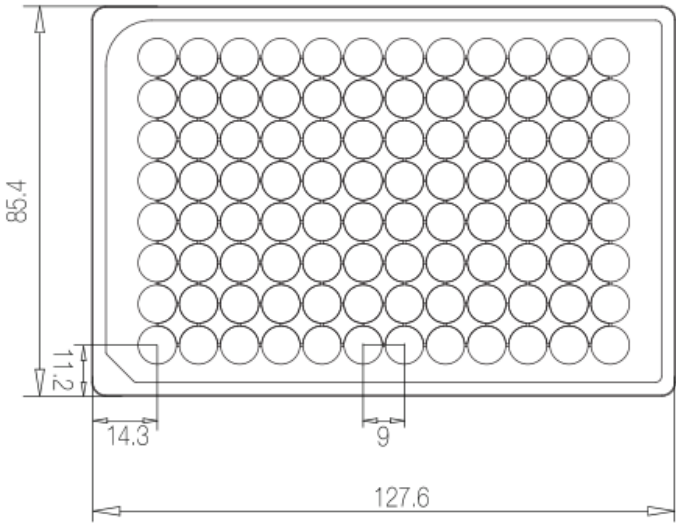
7. Specifications & Technical Drawing

- Specifications

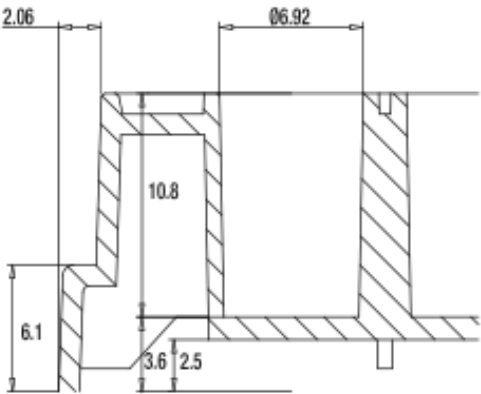
| Dimensions                                              |                                                                                     | Material (Resin)                                                                                    | Packaging                                                                                                                                                                                                                 |
|---------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Lid                                                     | Plate                                                                               |                                                                                                     |                                                                                                                                                                                                                           |
| Length: 127.10 mm<br>Width: 84.90 mm<br>Height: 9.00 mm | Length: 127.60 mm<br>Width: 85.40 mm<br>Height: 14.40 mm<br>Well Dimension: 6.40 mm | Plate: Crystal-grade polystyrene (PS)<br>Bottom: Glass (33496),<br>Flux (33596),<br>PS Film (33696) | <b>33496/33596</b> <ul style="list-style-type: none"><li>▪ Pieces/Sleeve: 1</li><li>▪ Pieces/Case: 10</li></ul> <b>33696</b> <ul style="list-style-type: none"><li>▪ Pieces/Sleeve: 5</li><li>▪ Pieces/Case: 25</li></ul> |
| Volume per Well: 0.20 ml<br>Growth Area: 0.32 cm²       |                                                                                     |                                                                                                     |                                                                                                                                                                                                                           |

- Technical Drawing

Plate



Flat Bottom

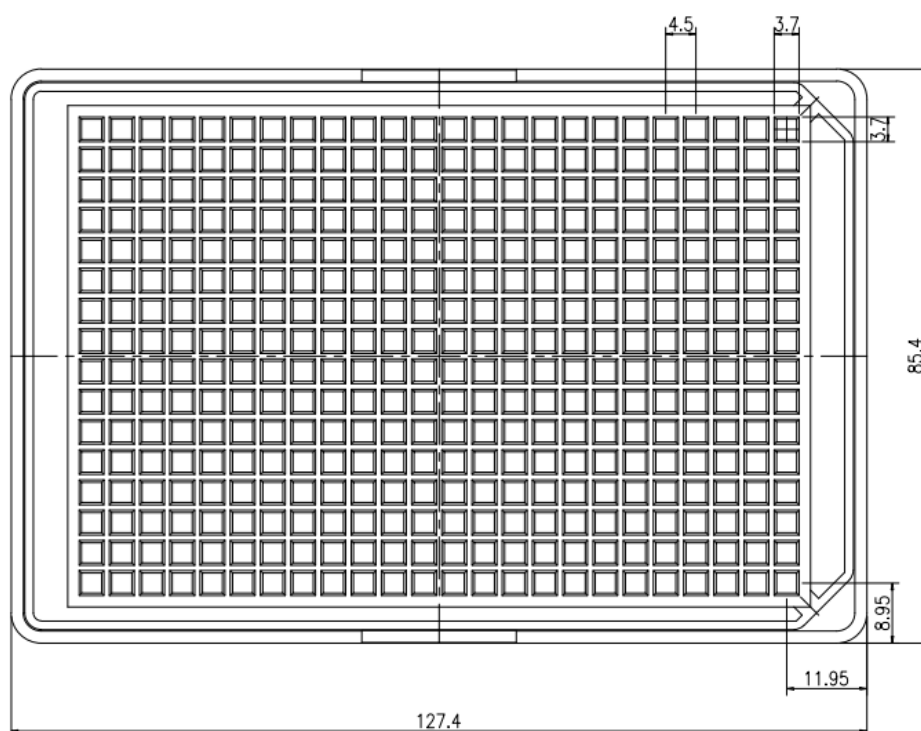


## - Specifications

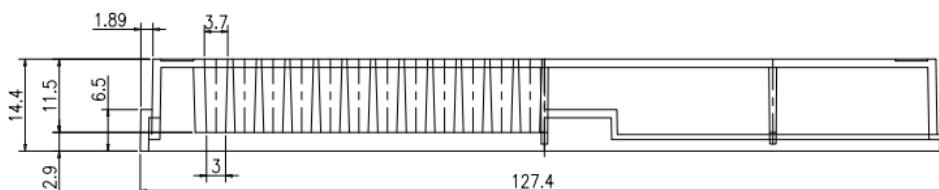
| Dimensions                                                    |                                                                                     | Material (Resin)                                                                    | Packaging                                                       |
|---------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| Lid                                                           | Plate                                                                               |                                                                                     |                                                                 |
| Length: 127.10 mm<br>Width: 84.90 mm<br>Height: 9.00 mm       | Length: 127.40 mm<br>Width: 85.40 mm<br>Height: 14.40 mm<br>Well Dimension: 3.70 mm | Plate: Crystal-grade polystyrene (PS)<br>Bottom: Flux (335384),<br>PS Film (336384) | <b>335384/336384</b><br>▪ Pieces/Sleeve: 1<br>▪ Pieces/Case: 10 |
| Volume per Well: 0.10 ml<br>Growth Area: 0.07 cm <sup>2</sup> |                                                                                     |                                                                                     |                                                                 |

## - Technical Drawing

Plate



Flat Bottom



[www.spllifesciences.com](http://www.spllifesciences.com)

For technical assistance, contact SPL R&D Center at:

Tel: +82-31-533-4800; Fax: +82-31-533-1430; e-mail: [spl@ispl.co.kr](mailto:spl@ispl.co.kr)

To place an order, contact your local distributor or

Tel: +82-31-533-4800; Fax: +82-31-533-1430; e-mail: [business@ispl.co.kr](mailto:business@ispl.co.kr)