## 10-3. Original Size Detection

### 10-3-1. Size Detection

- Original Size Detecting Board UN2 reads the output data provided by the original size detecting sensors (PC115 to 119). By comparing the data from each sensor with the threshold level, it determines whether there is an original placed on the Original Glass. UN2 then determines the size of the original according to the combination of the data.

(Metric Area)

| | | FD1 | FD2 | | FD3 | | CD1 | | CD2 |
|---|---|---|---|---|---|---|---|---|---|
| **Original Size** | **Size Determined by UN2** | LED2 | LED1 | LED2 | LED1 | LED2 | LED1 | LED2 | LED1 |
| A3L | A3T (A3L) | O | O | O | O(O) | O(●) | O | O | O(O) |
| B4L | B4T (B4L) | O | O | O | O(O) | O(●) | ● | O | ●(●) |
| A4L | A4T (A4L) | O | O | O | ●(●) | ●(●) | ● | ● | ●(●) |
| A5L | A5T (A5L) | O | ● | ● | ●(●) | ●(●) | ● | ● | ●(●) |
| A4C | A4Y (A4C) | O | ● | ● | ●(●) | ●(●) | O | O | O(O) |
| Letter L: 8-1/2" × 11" | Letter L (Letter L) | O | O | ● | ●(●) | ●(●) | ● | ● | ●(●) |
| 11" × 17" | 11" × 17" (A3L) | O | O | O | O(O) | O(●) | O | O | ●(O) |
| Legal: 8-1/2" × 14" | Legal (A4L) | O | O | O | O(●) | O(●) | ● | ● | ●(●) |
| FLS: 8-1/2" × 13" | FLS (A4L) | O | O | O | O(●) | ●(●) | ● | ● | ●(●) |
| Letter C: 11"×8-1/2" | Letter C (A4C) | O | ● | ● | ●(●) | ●(●) | O | O | ●(O) |
| No Original | No Original | ● | ● | ● | ●(●) | ●(●) | ● | ● | ●(●) |

(Inch Area)

| | | FD1 | FD2 | | FD3 | | CD1 | |
|---|---|---|---|---|---|---|---|---|
| **Original Size** | **Size Determined by UN2** | LED2 | LED1 | LED2 | LED1 | LED2 | LED1 | LED2 |
| 11" × 17" | 11" × 17" (11" × 17") | O(O) | O | O | O(O) | O(0) | O | O |
| Legal: 8-1/2" × 14" | Legal (Legal) | O(O) | O | O | O(O) | O(0) | ● | ● |
| Letter L: 8-1/2" × 11" | Letter L (Letter L) | O(O) | O | ● | ●(●) | ●(●) | ● | ● |
| Letter C: 11"×8-1/2" | Letter C (Letter C) | O(O) | ● | ● | ●(●) | ●(●) | O | O |
| FLS: 8-1/2" × 13" | FLS (Legal) | O(O) | O | O | O(0) | ●(0) | ● | ● |
| Invoice: 5-1/2" × 8-1/2" | Invoice (No Original) | O(●) | ● | ● | ●(●) | ●(●) | ● | ● |
| No Original | No Original | ●(●) | ● | ● | ●(●) | ●(●) | ● | ● |

* O: Original Present ●: Original Not Present

* If no optional sensors are mounted, data is processed as indicated in ( ) and the original sizes determined by UN2 are as indicated in ( ).

* UN2 does not use the data provided by LED1 of Original Size Detecting Sensor FD1 (PC116) and LED2 of CD2 (PC119) for the determination of the original size.

* Any non-standard size is rounded off to the nearest standard size.