11-2-3. Edge Erase

The 40 LEDs of LA2 are turned ON and OFF as follows according to the zoom ratio or paper size to erase unnecessary charges along both the front and rear edges of the image.

* The LEDs are turned ON according to the paper size in the full size mode.
* In any zoom ratio other than full size, LEDs are turned ON according to the paper size or zoom ratio whichever causes more LEDs to light up.
* LEDs are turned ON according to the zoom ratio in manual bypass copying which circumvents paper size detection.

The 40 LEDs are classified into 32 groups as follows and they are turned ON or OFF by groups for edge erase.

Group No.	LED No.	Image Width (mm)	Group No.	LED No.	Image Width (mm)
0	1	300	16	17	166
1	2	292	17	18	158
2	3	284	18	19	150
3	4	277	19	20	142
4	5	267	20	21	153
5	6	260	21	22	126
6	7	251	22	23	116
7	8	244	23	24	107
8	9	235	24	25	99
9	10	229	25	26	93
10	11	220	26	27~35	–
11	12	212	27	36	–
12	13	203	28	37	–
13	14	194	29	38	–
14	15	184	30	39	–
15	16	174	31	40	–

* Numbers are assigned to the LEDs so that the front LED is 40, looking at the copier from the front.
* The "image width" refers to the unexposed image area between the LEDs numbered from 1 to the corresponding opposite ones that are turned ON.