
Dropout Color

1. Outline

The following data is the result of evaluating color dropout when a green lamp installed in the standard model and a red lamp are used in the M3099A/G/EH/GH/EX/GX, M3097E/G, M3096E+/G, M3096EX/GX, M3093DE/DG and M3097DE/DG. Refer to the data for questions from the customers.

2. Evaluation conditions

- (1) Color sample: Pantone color (1066 colors) (Used to adhere on white paper)
- (2) Content: Color samples are checked for dropout.
- (3) Models: M3099A/G/EH/GH/EX/GX, M3096E+/G, M3097E/G, M3096EX/GX, M3093EX/GX, M3093DE/DG, M3097DE/DG
- (4) Lamp : LAMP-G54, RED LAMP-R66 and RED LAMP-R61(for M3093EX/GX/DE/DG, M3097DE/DG)
- (5) Condition:
 - M3099: ADF, 200 dpi, A4, Line mode
 - M3096E+/G: Flat bed, 200 dpi, A4, Line mode
 - M3097E/G: Flat bed, 200 dpi, A4, Line mode
 - M3096EX/GX: Flat bed, 200 dpi, A4, Line mode
 - M3093EX/GX: Flat bed, 200 dpi, A4, Line mode
 - M3093DE/DG: Flat bed(Front side), ADF(Back side), 200 dpi, A4, Line mode
 - M3097DE/DG: Flat bed(Front side), ADF(Back side), 200 dpi, A4, Line mode
- (6) Criteria: The color with spot noise is assumed not dropped out.

3. Result of evaluation

Table 1 is the result of using the standard lamp (540nm). Table 2 lists dropout colors when using the RED LAMP (660nm) and RED LAMP (610nm).

- (1) Color dropout slightly differs by model type.
- (2) The dropout colors in Table 1 and 2 are read at maximum scanner density*.
If a lower-density* scanner is used, colors other than in Table 1 and 2 may show as dropping out.
- (3) Color dropout shall be evaluated by the customer. The scanner contrast shall be set at maximum for the evaluation.

*: Maximum scanner density

M3096E+, M3097E, M3099A/G/EH/GH/EX/GX, M3093/6EX/GX, M3093/7DE/DG	---	Dark
M3096G, M3097G	---	Threshold X'CO'

Note:

There are no differences of characteristic between M3093EX/GX and M3096EX/GX regarding spectral characteristics of lamp and spectral sensitivity of CCD sensor.

For this reason, we regard that dropout color of M3093EX/GX is similar to M3096EX/GX.

Table 1
Drop out color (LAMP-G54)

OK: Dropped out (excluding colors with spot noise)

NG: Not dropped out

* : No data

Note: C of color sample means coated paper.

U of color sample means uncoated paper.

Color sample No.	99	96E+/G	97E/G	96EX/GX	93EX/GX	93DE/DG (Front)	93DE/DG (Back)	97DE/DG (Front)	97DE/DG (Back)
Proc. Yellow C	NG	OK	OK	*	NG	NG	NG	OK	OK
100 C	OK	OK	OK	*	OK	OK	OK	OK	OK
101 C	OK	OK	OK	*	OK	OK	OK	OK	OK
102 C	OK	OK	OK	*	NG	NG	NG	OK	OK
Yellow C	NG	OK	OK	*	NG	NG	NG	OK	NG
106 C	NG	OK	OK	*	OK	OK	NG	OK	OK
107 C	OK	OK	OK	*	NG	NG	NG	OK	OK
108 C	NG	OK	OK	*	NG	NG	NG	OK	NG
113 C	NG	OK	OK	*	NG	NG	NG	NG	NG
114 C	NG	OK	OK	*	NG	NG	NG	NG	NG
120 C	NG	OK	OK	*	NG	NG	NG	NG	OK
121 C	NG	OK	NG	*	NG	NG	NG	NG	NG
127 C	NG	OK	OK	*	NG	NG	NG	OK	OK
155 C	NG	OK	OK	*	NG	NG	NG	NG	NG
304 C	NG	OK	NG	*	NG	NG	NG	NG	OK
317 C	OK	OK	OK	*	NG	NG	NG	OK	OK
331 C	OK	OK	OK	*	NG	NG	NG	OK	OK
351 C	NG	OK	OK	*	NG	NG	NG	OK	OK
365 C	NG	OK	OK	*	NG	NG	NG	OK	OK
372 C	OK	OK	OK	*	NG	NG	NG	OK	OK
373 C	NG	OK	OK	*	NG	NG	NG	OK	NG
379 C	OK	OK	OK	*	NG	NG	NG	OK	OK
380 C	NG	OK	OK	*	NG	NG	NG	NG	NG
386 C	OK	OK	OK	*	OK	OK	OK	OK	OK
387 C	NG	OK	OK	*	NG	NG	NG	OK	OK
393 C	OK	OK	OK	*	OK	OK	OK	OK	OK
394 C	OK	OK	OK	*	NG	NG	OK	OK	OK
395 C	NG	OK	OK	*	NG	NG	NG	OK	OK
Warm Gray 1C	OK	OK	OK	*	NG	NG	NG	NG	NG
Cool Gray 1C	OK	OK	OK	*	OK	OK	OK	OK	OK
460 C	OK	OK	OK	*	NG	NG	NG	NG	OK
461 C	OK	OK	OK	*	OK	OK	OK	NG	OK
482 C	OK	NG	NG	*	NG	NG	NG	NG	NG
517 C	OK	NG	NG	*	NG	NG	NG	NG	NG
524 C	OK	NG	NG	*	NG	NG	NG	NG	NG
531 C	OK	NG	NG	*	NG	NG	NG	NG	NG
538 C	OK	NG	NG	*	NG	NG	NG	NG	NG
565 C	NG	OK	OK	*	NG	NG	NG	NG	NG
566 C	OK	OK	OK	*	NG	NG	NG	OK	OK
572 C	OK	NG	OK	*	NG	NG	NG	OK	OK

573 C	OK	OK	OK	*	OK	OK	OK	OK	OK
586 C	NG	NG	OK	*	NG	NG	NG	OK	OK
587 C	NG	OK	OK	*	OK	OK	OK	OK	OK
Proc.Yellow U	NG	OK	OK	OK	NG	NG	NG	OK	OK
100 U	OK	OK	OK	OK	OK	OK	OK	OK	OK
101 U	OK	OK	OK	OK	OK	OK	OK	OK	OK
102 U	OK	OK	OK	OK	OK	OK	OK	OK	OK
Yellow U	NG	OK	OK	OK	OK	OK	NG	OK	OK
106 U	NG	OK	OK	OK	NG	NG	NG	OK	OK
107 U	NG	NG	OK	OK	NG	NG	NG	OK	OK
113 U	NG	OK	OK	OK	NG	NG	NG	NG	OK
127 U	NG	OK	OK	OK	NG	NG	NG	OK	OK
317 U	NG	OK	OK	OK	NG	NG	NG	OK	OK
331 U	NG	NG	OK	OK	NG	NG	NG	OK	OK
351 U	NG	OK	OK	OK	NG	NG	NG	NG	OK
365 U	NG	NG	OK	OK	NG	NG	NG	OK	NG
372 U	NG	OK	OK	OK	NG	NG	NG	OK	OK
373 U	NG	NG	OK	OK	NG	NG	NG	OK	NG
379 U	OK	OK	OK	OK	OK	OK	NG	OK	OK
380 U	NG	OK	OK	OK	NG	NG	NG	OK	NG
386 U	OK	OK	OK	OK	OK	OK	OK	OK	OK
387 U	NG	OK	OK	OK	NG	NG	NG	OK	OK
388 U	NG	NG	OK	OK	NG	NG	NG	NG	NG
393 U	OK	OK	OK	OK	OK	OK	OK	OK	OK
394 U	OK	OK	OK	OK	OK	OK	OK	OK	OK
395 U	NG	OK	OK	OK	NG	NG	NG	OK	OK
396 U	NG	NG	OK	OK	NG	NG	NG	NG	OK
Warm Gray 1U	OK	OK	OK	OK	NG	NG	NG	NG	NG
Cool Gray 1U	OK	OK	OK	OK	NG	NG	NG	OK	OK
461 U	NG	OK	OK	OK	NG	NG	NG	OK	OK
573 U	NG	OK	OK	OK	NG	NG	NG	OK	OK
580 U	OK	NG	NG	OK	NG	NG	NG	OK	OK
587 U	NG	OK	OK	OK	OK	OK	OK	OK	OK

Table 2

Drop out color

(RED LAMP-R66:M3099A,M3097E/G,M3096E+/G,M3096EX/GX) (RED LAMP-R61:M3093EX/GX/DE/DG, M3097DE/DG)

OK: Dropped out (excluding colors with spot noise)

NG: Not dropped out

Note: C of color sample means coated paper.

U of color sample means uncoated paper.

We have no data of M3096EX/GX.

Color sample No.	99	96E+/G	97E/G	93EX/GX	93DE/DG (Front)	93DE/DG (Back)	97DE/DG (Front)	97DE/DG (Back)
021 C	OK	OK	OK	*	*	*	OK	OK
032 C	OK	OK	OK	*	*	*	OK	OK
Proc.Yellow C	OK	OK	OK	OK	OK	OK	OK	OK
Proc.Magenta C	NG	OK	OK	NG	NG	NG	NG	NG
100 C	OK	OK	OK	OK	OK	OK	OK	OK
101 C	OK	OK	OK	OK	OK	OK	OK	OK
102 C	OK	OK	OK	OK	OK	OK	OK	OK
Yellow C	OK	OK	OK	OK	OK	OK	OK	OK
106 C	OK	OK	OK	OK	OK	OK	OK	OK
107 C	OK	OK	OK	OK	OK	OK	OK	OK
108 C	OK	OK	OK	OK	OK	OK	OK	OK
109 C	OK	OK	OK	OK	OK	OK	OK	OK
113 C	OK	OK	OK	OK	OK	OK	OK	OK
114 C	OK	OK	OK	OK	OK	OK	OK	OK
115 C	OK	OK	OK	OK	OK	OK	OK	OK
116 C	OK	OK	OK	OK	OK	OK	OK	OK
120 C	OK	OK	OK	OK	OK	OK	OK	OK
121 C	OK	OK	OK	OK	OK	OK	OK	OK
122 C	OK	OK	OK	OK	OK	OK	OK	OK
123 C	OK	OK	OK	OK	OK	OK	OK	OK
127 C	OK	OK	OK	OK	OK	OK	OK	OK
128 C	OK	OK	OK	OK	OK	OK	OK	OK
129 C	OK	OK	OK	OK	OK	OK	OK	OK
130 C	OK	OK	OK	OK	OK	OK	OK	OK
134 C	OK	OK	OK	OK	OK	OK	OK	OK
135 C	OK	OK	OK	OK	OK	OK	OK	OK
136 C	OK	OK	OK	OK	OK	OK	OK	OK
137 C	OK	OK	OK	OK	OK	OK	OK	OK
141 C	OK	OK	OK	OK	OK	OK	OK	OK
142 C	OK	OK	OK	OK	OK	OK	OK	OK
143 C	OK	OK	OK	OK	OK	OK	OK	OK
144 C	OK	OK	OK	OK	OK	NG	OK	OK
148 C	OK	OK	OK	OK	OK	OK	OK	OK
149 C	OK	OK	OK	OK	OK	OK	OK	OK
150 C	OK	OK	OK	OK	OK	OK	OK	OK
151 C	OK	OK	OK	OK	OK	OK	OK	OK
155 C	OK	OK	OK	OK	OK	OK	OK	OK
156 C	OK	OK	OK	OK	OK	OK	OK	OK
157 C	OK	OK	OK	OK	OK	NG	OK	OK
158 C	NG	OK	OK	NG	NG	NG	NG	NG
162 C	OK	OK	OK	OK	OK	OK	OK	OK
163 C	OK	OK	OK	OK	OK	OK	OK	OK
164 C	OK	OK	OK	OK	OK	OK	OK	OK
165 C	OK	OK	OK	OK	OK	OK	OK	OK
169 C	OK	OK	OK	OK	OK	OK	OK	OK

170 C	OK	OK	OK	OK	OK	OK	OK	OK
171 C	OK	OK	OK	OK	OK	OK	OK	OK
172 C	NG	OK	OK	OK	OK	NG	OK	OK
176 C	OK	OK	OK	OK	OK	OK	OK	OK
177 C	OK	OK	OK	OK	OK	OK	OK	OK
178 C	OK	OK	OK	OK	OK	OK	OK	OK
Warm Red C	OK	OK	OK	OK	OK	NG	OK	OK
182 C	OK	OK	OK	OK	OK	OK	OK	OK
183 C	OK	OK	OK	OK	OK	NG	OK	OK
184 C	OK	OK	OK	OK	OK	NG	OK	OK
185 C	NG	OK	OK	NG	NG	NG	NG	NG
189 C	OK	OK	OK	OK	OK	OK	OK	OK
190 C	OK	OK	OK	OK	OK	NG	OK	OK
191 C	OK	OK	OK	NG	NG	NG	NG	OK
192 C	NG	OK	OK	NG	NG	NG	NG	NG
196 C	OK	OK	OK	OK	OK	OK	OK	OK
197 C	OK	OK	OK	OK	OK	NG	OK	OK
198 C	OK	OK	OK	NG	NG	NG	NG	OK
199 C	OK	OK	OK	NG	NG	NG	NG	NG
203 C	OK	OK	OK	OK	OK	NG	OK	OK
204 C	OK	OK	OK	NG	NG	NG	OK	OK
205 C	OK	OK	OK	NG	NG	NG	NG	OK
206 C	NG	OK	OK	NG	NG	NG	NG	NG
210 C	OK	OK	OK	OK	OK	NG	OK	OK
211 C	OK	OK	OK	OK	OK	NG	OK	OK
212 C	OK	OK	OK	NG	NG	NG	NG	OK
213 C	NG	OK	OK	NG	NG	NG	NG	NG
217 C	OK	OK	OK	OK	OK	OK	OK	OK
218 C	OK	OK	OK	NG	NG	NG	NG	NG
219 C	OK	OK	OK	NG	NG	NG	NG	NG
Rubine Red C	NG	OK	OK	NG	NG	NG	NG	NG
223 C	OK	OK	OK	OK	OK	NG	OK	OK
224 C	OK	OK	OK	NG	NG	NG	NG	OK
225 C	OK	OK	OK	NG	NG	NG	NG	NG
226 C	OK	OK	OK	NG	NG	NG	NG	NG
230 C	OK	OK	OK	OK	OK	OK	OK	OK
231 C	OK	OK	OK	OK	OK	NG	OK	OK
232 C	OK	OK	OK	NG	NG	NG	NG	OK
Phodamine Red C	NG	OK	OK	NG	NG	NG	NG	NG
236 C	OK	OK	OK	OK	OK	NG	OK	OK
237 C	OK	OK	OK	NG	NG	NG	NG	OK
238 C	OK	OK	OK	NG	NG	NG	NG	NG
239 C	OK	OK	OK	NG	NG	NG	NG	NG
243 C	OK	OK	OK	OK	OK	NG	OK	OK
244 C	OK	OK	OK	OK	OK	NG	NG	OK
245 C	OK	OK	OK	OK	OK	NG	NG	NG
246 C	NG	OK	OK	NG	NG	NG	NG	NG
250 C	OK	OK	OK	OK	OK	NG	OK	OK

251 C	OK	OK	OK	NG	NG	NG	NG	NG
252 C	NG	OK	OK	NG	NG	NG	NG	NG
Purple C	NG	OK	NG	NG	NG	NG	NG	NG
256 C	OK	OK	OK	NG	NG	NG	OK	OK
263 C	OK	OK	OK	NG	NG	NG	OK	OK
379 C	OK	OK	OK	NG	NG	NG	OK	OK
380 C	NG	OK	NG	NG	NG	NG	NG	NG
386 C	OK	OK	OK	OK	OK	NG	OK	OK
393 C	OK	OK	OK	OK	OK	OK	OK	OK
394 C	OK	OK	OK	OK	OK	OK	OK	OK
395 C	NG	OK	OK	NG	NG	NG	OK	OK
427 C	NG	OK	OK	NG	NG	NG	OK	OK
Warm Gray 1C	OK	OK	OK	NG	NG	NG	OK	OK
Cool Gray 1C	OK	OK	OK	OK	OK	NG	OK	OK
454 C	OK	OK	OK	NG	NG	NG	OK	OK
459 C	OK	OK	OK	NG	NG	NG	OK	OK
460 C	OK	OK	OK	OK	OK	OK	OK	OK
461 C	OK	OK	OK	OK	OK	OK	OK	OK
467 C	NG	OK	OK	NG	NG	NG	NG	OK
468 C	OK	OK	OK	NG	NG	NG	OK	OK
473 C	NG	OK	OK	OK	OK	OK	OK	OK
474 C	OK	OK	OK	OK	OK	OK	OK	OK
475 C	OK	OK	OK	OK	OK	OK	OK	OK
481 C	NG	OK	OK	NG	NG	NG	OK	OK
482 C	OK	OK	OK	OK	OK	OK	OK	OK
485 C	NG	OK	OK	NG	NG	NG	NG	NG
486 C	OK	OK	OK	OK	OK	NG	OK	OK
487 C	OK	OK	OK	OK	OK	OK	OK	OK
488 C	OK	OK	OK	OK	OK	OK	OK	OK
489 C	OK	OK	OK	OK	OK	OK	OK	OK
495 C	NG	OK	OK	OK	OK	OK	OK	OK
496 C	OK	OK	OK	OK	OK	OK	OK	OK
502 C	NG	OK	OK	NG	NG	NG	OK	NG
503 C	NG	OK	OK	OK	OK	OK	OK	OK
510 C	NG	OK	OK	OK	OK	OK	OK	OK
516 C	NG	OK	OK	NG	NG	NG	OK	OK
517 C	NG	OK	OK	OK	OK	OK	OK	OK
524 C	NG	OK	OK	NG	NG	NG	OK	OK
531 C	OK	OK	OK	NG	NG	NG	NG	OK
580 C	OK	NG	OK	NG	NG	NG	OK	OK
586 C	NG	OK	OK	NG	NG	NG	OK	OK
587 C	OK	OK	OK	OK	OK	OK	OK	OK
803 C	OK	OK	OK	OK	OK	OK	OK	OK
804 C	OK	OK	OK	OK	OK	OK	OK	OK
805 C	OK	OK	OK	OK	OK	OK	OK	OK
806 C	OK	OK	OK	NG	NG	NG	NG	OK
Orange 021U	OK	OK	OK	OK	OK	OK	OK	OK
Red 032U	OK	OK	OK	NG	NG	NG	OK	OK

Proc.Yellow U	OK	OK	OK	OK	OK	OK	OK	OK
Proc.Magenta U	NG	OK	OK	NG	NG	NG	NG	NG
100 U	OK	OK	OK	OK	OK	OK	OK	OK
101 U	OK	OK	OK	OK	OK	OK	OK	OK
102 U	OK	OK	OK	OK	OK	OK	OK	OK
Yellow U	OK	OK	OK	OK	OK	OK	OK	OK
106 U	OK	OK	OK	OK	OK	OK	OK	OK
107 U	OK	OK	OK	OK	OK	OK	OK	OK
108 U	OK	OK	OK	OK	OK	OK	OK	OK
109 U	OK	OK	OK	OK	OK	OK	OK	OK
113 U	OK	OK	OK	OK	OK	OK	OK	OK
114 U	OK	OK	OK	OK	OK	OK	OK	OK
115 U	OK	OK	OK	OK	OK	OK	OK	OK
116 U	OK	OK	OK	OK	OK	OK	OK	OK
120 U	OK	OK	OK	OK	OK	OK	OK	OK
121 U	OK	OK	OK	OK	OK	OK	OK	OK
122 U	OK	OK	OK	OK	OK	OK	OK	OK
123 U	OK	OK	OK	OK	OK	OK	OK	OK
127 U	OK	OK	OK	OK	OK	OK	OK	OK
128 U	OK	OK	OK	OK	OK	OK	OK	OK
129 U	OK	OK	OK	OK	OK	OK	OK	OK
130 U	OK	OK	OK	OK	OK	NG	OK	OK
134 U	OK	OK	OK	OK	OK	OK	OK	OK
135 U	OK	OK	OK	OK	OK	OK	OK	OK
136 U	OK	OK	OK	OK	OK	OK	OK	OK
137 U	OK	OK	OK	OK	OK	OK	OK	OK
141 U	OK	OK	OK	OK	OK	OK	OK	OK
142 U	OK	OK	OK	OK	OK	OK	OK	OK
143 U	OK	OK	OK	OK	OK	OK	OK	OK
144 U	OK	OK	OK	OK	OK	NG	OK	OK
148 U	OK	OK	OK	OK	OK	OK	OK	OK
149 U	OK	OK	OK	OK	OK	OK	OK	OK
150 U	OK	OK	OK	OK	OK	OK	OK	OK
151 U	OK	OK	OK	OK	OK	OK	OK	OK
155 U	OK	OK	OK	OK	OK	OK	OK	OK
156 U	OK	OK	OK	OK	OK	OK	OK	OK
157 U	OK	OK	OK	OK	OK	NG	OK	OK
158 U	OK	OK	OK	NG	NG	NG	OK	OK
162 U	OK	OK	OK	OK	OK	OK	OK	OK
163 U	OK	OK	OK	OK	OK	OK	OK	OK
164 U	OK	OK	OK	OK	OK	OK	OK	OK
165 U	OK	OK	OK	OK	OK	OK	OK	OK
169 U	OK	OK	OK	OK	OK	OK	OK	OK
170 U	OK	OK	OK	OK	OK	OK	OK	OK
171 U	OK	OK	OK	OK	OK	OK	OK	OK
172 U	OK	OK	OK	OK	OK	NG	OK	OK
176 U	OK	OK	OK	OK	OK	OK	OK	OK
177 U	OK	OK	OK	OK	OK	OK	OK	OK

178 U	OK	OK	OK	OK	OK	OK	OK	OK
Warm Red U	OK	OK	OK	OK	OK	NG	OK	OK
182 U	OK	OK	OK	OK	OK	OK	OK	OK
183 U	OK	OK	OK	OK	OK	OK	OK	OK
184 U	OK	OK	OK	OK	OK	NG	OK	OK
185 U	OK	OK	OK	NG	NG	NG	OK	OK
189 U	OK	OK	OK	OK	OK	OK	OK	OK
190 U	OK	OK	OK	OK	OK	NG	OK	OK
191 U	OK	OK	OK	OK	OK	NG	OK	OK
192 U	OK	OK	OK	NG	NG	NG	OK	OK
196 U	OK	OK	OK	OK	OK	OK	OK	OK
197 U	OK	OK	OK	OK	OK	NG	OK	OK
198 U	OK	OK	OK	NG	NG	NG	OK	OK
199 U	OK	OK	OK	NG	NG	NG	NG	NG
203 U	OK	OK	OK	OK	OK	OK	OK	OK
204 U	OK	OK	OK	OK	OK	NG	OK	OK
205 U	OK	OK	OK	NG	NG	NG	OK	OK
206 U	OK	OK	OK	NG	NG	NG	NG	NG
210 U	OK	OK	OK	OK	OK	OK	OK	OK
211 U	OK	OK	OK	OK	OK	NG	OK	OK
212 U	OK	OK	OK	NG	NG	NG	OK	OK
213 U	NG	OK	OK	NG	NG	NG	NG	NG
217 U	OK	OK	OK	OK	OK	OK	OK	OK
218 U	OK	OK	OK	OK	OK	NG	OK	OK
219 U	OK	OK	OK	NG	NG	NG	NG	OK
Rubine Red U	OK	OK	OK	NG	NG	NG	NG	NG
223 U	OK	OK	OK	OK	OK	OK	OK	OK
224 U	OK	OK	OK	OK	OK	NG	OK	OK
225 U	OK	OK	OK	NG	NG	NG	OK	OK
226 U	OK	OK	OK	NG	NG	NG	NG	NG
230 U	OK	OK	OK	OK	OK	OK	OK	OK
231 U	OK	OK	OK	OK	OK	NG	OK	OK
232 U	OK	OK	OK	NG	NG	NG	NG	OK
Rhodamine Red U	OK	OK	OK	NG	NG	NG	NG	OK
236 U	OK	OK	OK	OK	OK	NG	OK	OK
237 U	OK	OK	OK	NG	NG	NG	OK	OK
238 U	OK	OK	OK	NG	NG	NG	NG	NG
239 U	OK	OK	OK	NG	NG	NG	NG	NG
243 U	OK	OK	OK	OK	OK	NG	OK	OK
244 U	OK	OK	OK	NG	NG	NG	OK	OK
245 U	OK	OK	OK	NG	NG	NG	NG	OK
246 U	NG	OK	OK	NG	NG	NG	NG	NG
250 U	OK	OK	OK	OK	OK	NG	OK	OK
251 U	OK	OK	OK	NG	NG	NG	NG	OK
252 U	NG	OK	OK	NG	NG	NG	NG	NG
Purple U	NG	OK	OK	NG	NG	NG	NG	NG
263 U	NG	OK	NG	NG	NG	NG	OK	NG
379 U	OK	OK	OK	NG	NG	NG	OK	OK

386 U	NG	OK	OK	OK	OK	NG	OK	OK
393 U	OK	OK	OK	OK	OK	OK	OK	OK
394 U	OK	OK	OK	OK	OK	NG	OK	OK
395 U	NG	OK	NG	OK	OK	NG	OK	OK
Warm Gray 1U	OK	OK	OK	NG	NG	NG	NG	OK
Cool Gray 1U	OK	OK	OK	NG	NG	NG	OK	OK
Cool Gray 2U	OK	NG	NG	NG	NG	NG	NG	NG
459 U	NG	OK	OK	NG	NG	NG	OK	OK
460 U	OK	OK	OK	NG	NG	NG	OK	OK
461 U	OK	OK	OK	OK	OK	OK	OK	OK
468 U	OK	OK	OK	NG	NG	NG	OK	OK
473 U	NG	OK	NG	NG	NG	NG	OK	OK
474 U	OK	OK	OK	NG	NG	NG	OK	OK
475 U	OK	OK	OK	OK	OK	OK	OK	OK
482 U	OK	OK	OK	NG	NG	NG	OK	OK
485 U	OK	OK	OK	NG	NG	NG	NG	OK
486 U	OK	OK	OK	OK	OK	NG	OK	OK
487 U	OK	OK	OK	OK	OK	OK	OK	OK
488 U	OK	OK	OK	OK	OK	OK	OK	OK
489 U	OK	OK	OK	OK	OK	OK	OK	OK
496 U	NG	OK	OK	OK	OK	OK	OK	OK
510 U	NG	OK	OK	OK	OK	NG	OK	OK
517 U	NG	NG	OK	OK	OK	NG	OK	OK
531 U	OK	OK	OK	NG	NG	NG	NG	NG
586 U	NG	OK	OK	OK	OK	NG	OK	OK
587 U	OK	OK	OK	OK	OK	OK	OK	OK