Catch the Photon detection slips

Stock sheet: 64 gray slips, 32 blue A slips and 32 purple B slips across two pages.

Cup = A brightness blue + B brightness purple + gray to make exactly 64.

MISSED	MISSED	MISSED	MISSED	MISSED	MISSED	MISSED	MISSED
MISSED	MISSED	MISSED	MISSED	MISSED	MISSED	MISSED	MISSED
MISSED	MISSED	MISSED	MISSED	MISSED	MISSED	MISSED	MISSED
MISSED	MISSED	MISSED	MISSED	MISSED	MISSED	MISSED	MISSED
MISSED	MISSED	MISSED	MISSED	MISSED	MISSED	MISSED	MISSED
MISSED	MISSED	MISSED	MISSED	MISSED	MISSED	MISSED	MISSED
MISSED	MISSED	MISSED	MISSED	MISSED	MISSED	MISSED	MISSED
MISSED	MISSED	MISSED	MISSED	MISSED	MISSED	MISSED	MISSED

Cut identical squares. Use opaque paper and draw without looking.

On gray: REPLACE the slip, mix, and send a NEW photon with the same settings.

Blue A or purple B wins. Both dark: play one more round instead of drawing.

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A	A	A	A	A	A	A	A
A	A	A	A	A	A	A	A
A	A	A	A	A	A	A	A
A	A	A	A	A	A	A	A
B	B	B	B	B	B	B	B
B	B	B	B	B	B	B	B
B	B	B	B	B	B	B	B
B	B	B	B	B	B	B	B

Cut identical squares. Use opaque paper and draw without looking.

On gray: REPLACE the slip, mix, and send a NEW photon with the same settings.

Blue A or purple B wins. Both dark: play one more round instead of drawing.