

**ALPAD Obtained Sublicensable License of Basic Patents relating to YAG White LEDs from NICHIA**

ALPAD Corporation (“ALPAD”), in January 2021, obtained a sublicensable license of the Nichia Corporation (“Nichia”)-owned patents relating to white LEDs with YAG-based phosphors.

ALPAD believes that these patents owned by Nichia are basic patents relating to white LEDs and that they are necessary especially for high power white LEDs which are used commonly in the world for automotive exterior, street light and so on.

**Licensed Patents**

MALASIA	MY-125748-A				
BRAZIL	PI9710792-1	PI9715264-1	PI9715262-5	PI9715263-3	
	PI9715361-3	PI9715365-6	PI9715362-1	PI9715363-0	
	PI9715364-8				