

RGBW CCT Quick Reference DMX Programming Guide

INTRODUCTION

With RGBW technology, you can create a wide range of color temperatures to suit a variety of applications. This guide is intended to provide you with a starting point for how to program channels using SPI Lighting's RGBW board with 3000K white to achieve the desired result.

Note: These values were calculated on a theoretical basis with a specific driver and do not represent the reality of every situation. Actual field validation must be performed to ensure the exact CCT is achieved.

LINEAR DIMMING CURVE DMX VALUES (DEFAULT)

Desired Color Temp	R	G	B	W
5000K	0	94	52	194
4000K	0	53	25	211
3500K	0	27	12	233
2700K	251	42	0	183

SQUARE LAW DIMMING CURVE DMX VALUES

Desired Color Temp	R	G	B	W
5000K	0	156	115	222
4000K	0	116	80	232
3500K	0	81	56	244
2700K	253	104	0	216