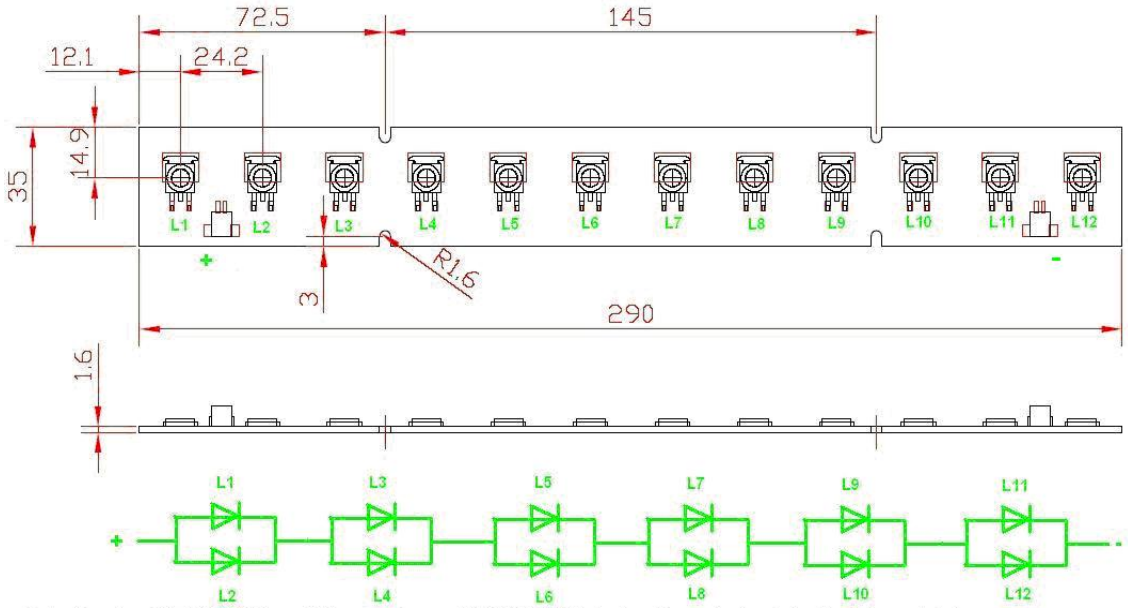
■ Electro-Optical Characteristics

Parameter	Symbol	Min.	TYP.	Max.	Unit
Input Voltage (700mA)	**V_{in}**		**20.4**	**24**	**V**
Color Temperature	**CCT**	**3000**	**-**	**9000**	**K**
Total Flux	**Φ**	**210**	**360**	**-**	**lm**
View Angle	**2θ1/2**	**-**	**110**	**-**	**°**

■ Package Outline Dimension

Tolerance: +/-0.1

Outline Dimension UNIT: mm



Note: 12 units of HT-P178TWU used. Please reference HT-P178TWU data sheet for optical and electrical characteristic curves.

■ Absolute Maximum Ratings

Parameter	Symbol	White	Unit	Note
Input Voltage	Vin	24	V	700mA
Operating Temperature	Topr	-40~120	℃	-
Storage Temperature	Tst	-50~150	℃	-