

HI-LED M

Approval

Rev. 04

Issue Date. 2019. 06. 20

Doc No. HI-LEDM 01

Note | Specification is subject to change without notice.

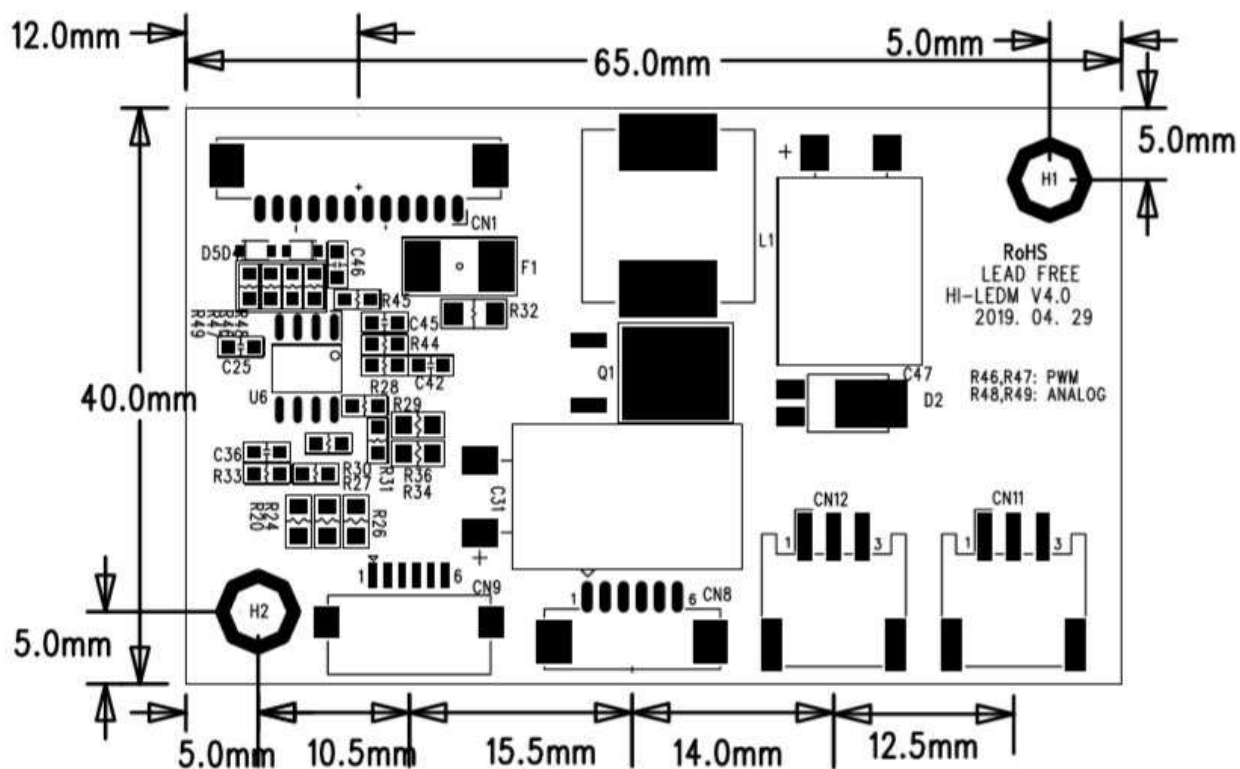
Consequently it is better to contact to our company before proceeding with the design of your product incorporating this board

Prepared	Checked I	Checked II	Approved
			
K.B. PARK			YH. HAN

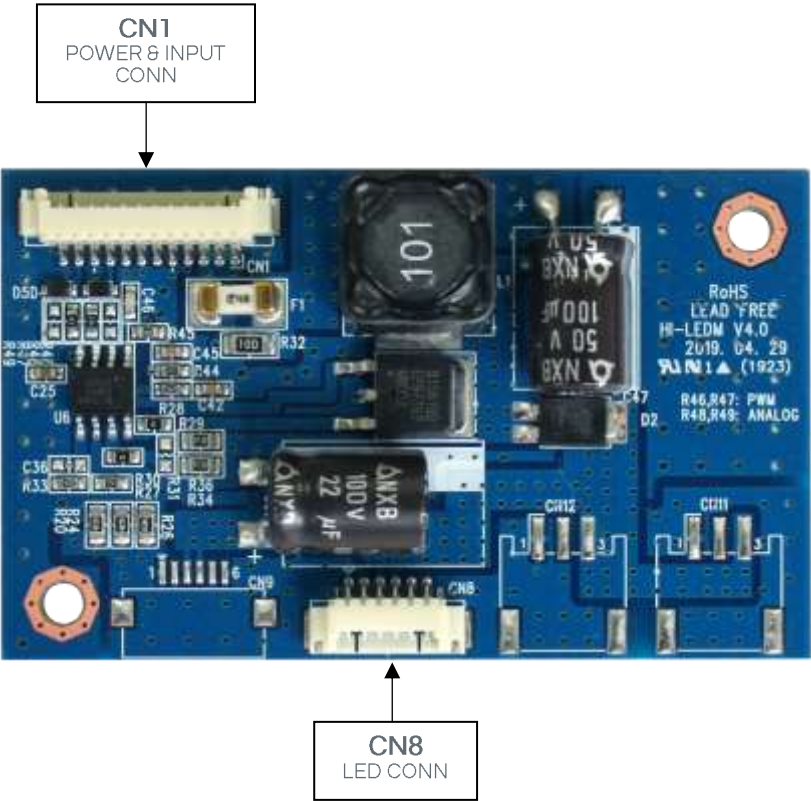
Revision History

Rev.	ECN No.	Description of Changes	Date	Prepared
0		Initial Release	2017.09.15	
4.0		Change LED Driver IC	2019.06.20	

1. CONTROLLER DIMENSIONS

[DIMENSION DOWNLOAD](#)

2. CONNECTOR, PINOUT



Summary:

Reference	Item	Description	Type	Manufacture
CN1	Connector	POWER & INPUT CONNECTOR	12505WR-12	YEONHO
CN8	Connector	LED CONNECTOR	12505WR-06	YEONHO

CN1: POWER & INPUT Connector

Pin No.	Symbol	Description
1	POWER	12V
2	POWER	12V
3	POWER	12V
4	GND	Ground
5	GND	Ground
6	GND	Ground
7	GND	Ground
8	GND	Ground
9	ON/OFF	Inverter digital ON(3.3V)/OFF(0V) signal
10	NC	-
11	ADJ	DIM-adjustment analog dimming control signal (Min 5V ~ Max 0V)
		PWM dimming control signal(Max 5V 100hz~ 1khz)
12	NC	-

CN8: LED Connector

Pin No.	Symbol	Description
1	FB1	LED Channel 1 Cathode
2	FB2	LED Channel 2 Cathode
3	VLED1+	LED Channel 1 Anode
4	VLED2+	LED Channel 2 Anode
5	FB3	LED Channel 3 Cathode
6	FB4	LED Channel 4 Cathode