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# DATA SHEET

**Model No: EACO-124AMVCBMNBX020**  
**CM-124HD2 RGB AUTO OR MANUAL CONTROL**

Customer Approval	APPROVAL BY	CHECKED BY	PREPARED BY



**ELUMINA TECHNOLOGY INC.**

12F, No.237, Songjiang Rd., Taipei 104, Taiwan R. O. C.

Tel:+886-2-2517-4870

Fax:886-2-2517-3380

<http://www.eluminatech.com>

RGB Manual or Auto Control  
DC12 or DC24V

◆ FEATURE

- Energy efficient switch mode power electronics
- Long Life Design
- High quality rugged construction

Typical Applications

- Floodlighting
- RGB Colour Mixing
- Cove & Cornice Lighting
- Signal
- Fibre Optic systems
- Architectural Lighting



◆ SPECIFICATION

Parameter	Symbol	Conditions	Typ	Unit
Working Voltage		DC	12 or 24	V
Working Current		DC 24V No load	≤30 mA	mA
Expend Power Watts (max)		DC24V No load	≤0.72W	W
Output Voltage		DC	12 / 24V Follow Input	V
Driver Current (max)		DC	3 (RGB per color)	A
Output connector			4 PIN IP65 Female Connector	
Connector(Source)			DC 025 Male Connector	
Color Changing Cycle time			30s~480s (30s/rank)	second
Working Temp.			-5 ~ 65	℃
Size:(LxW)			113 x64	mm
Net Weight			70	g

*In addition to the reliability assurance level check mentioned above. We also perform reliability test to identify the design*

*the design limit and destructive failure and to predict the field reliability of products.*

*Specification subject to change without advance notice*

◆ **Operating Instruction**

● **Auto/ Manual Mode Selection**

Auto : Switching the SW1 to Auto Side for Auto Color Changing Mode

Manual : Switching the SW1 to Manual Side for manual adjust RGB Mode

● **Mode Selection ( in Auto Mode only ) :**

The mode can be selected by SW2 dip switch as following chart ;

Dip switch at ON side = 1 ; not at ON side = 0

<b>0000</b>	<b>7 Color Fading</b>
<b>0001</b>	<b>7 Color Shift</b>
<b>0010</b>	<b>7 Color Flashing</b>
<b>0011</b>	
<b>0100</b>	
<b>0101</b>	
<b>0110</b>	
<b>0111</b>	

<b>1000</b>	
<b>1001</b>	
<b>1010</b>	
<b>1011</b>	
<b>1100</b>	
<b>1101</b>	
<b>1110</b>	
<b>1111</b>	

● **Manual Adjust Mode :**

Turn the VR1 for Adjust RED light , Max for increasing, Min for decreasing.

Turn the VR2 for Adjust Green light , Max for increasing, Min for decreasing.

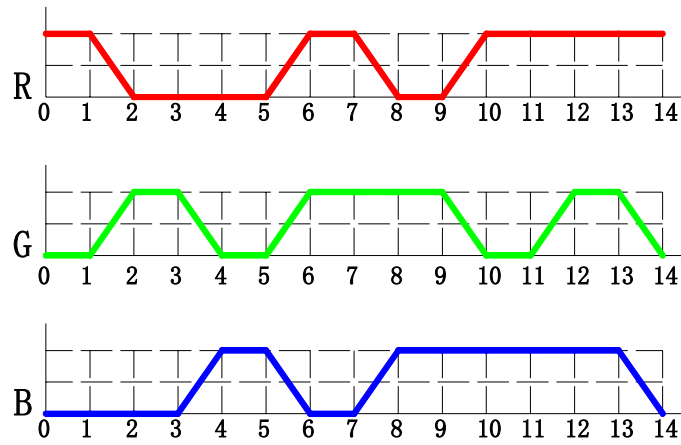
Turn the VR3 for Adjust Blue light , Max for increasing, Min for decreasing.

● **Auto Adjust Mode :**

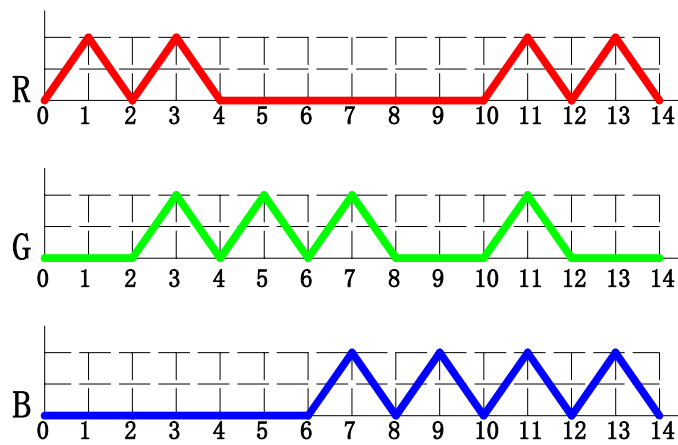
Turn the VR1 for Adjust RGB light , Max for increasing, Min for decreasing.

Turn the VR2 for Adjust cycle time.

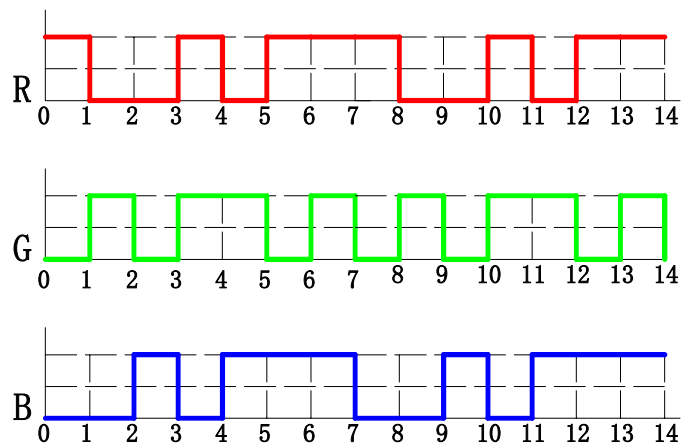
7 Color Fading



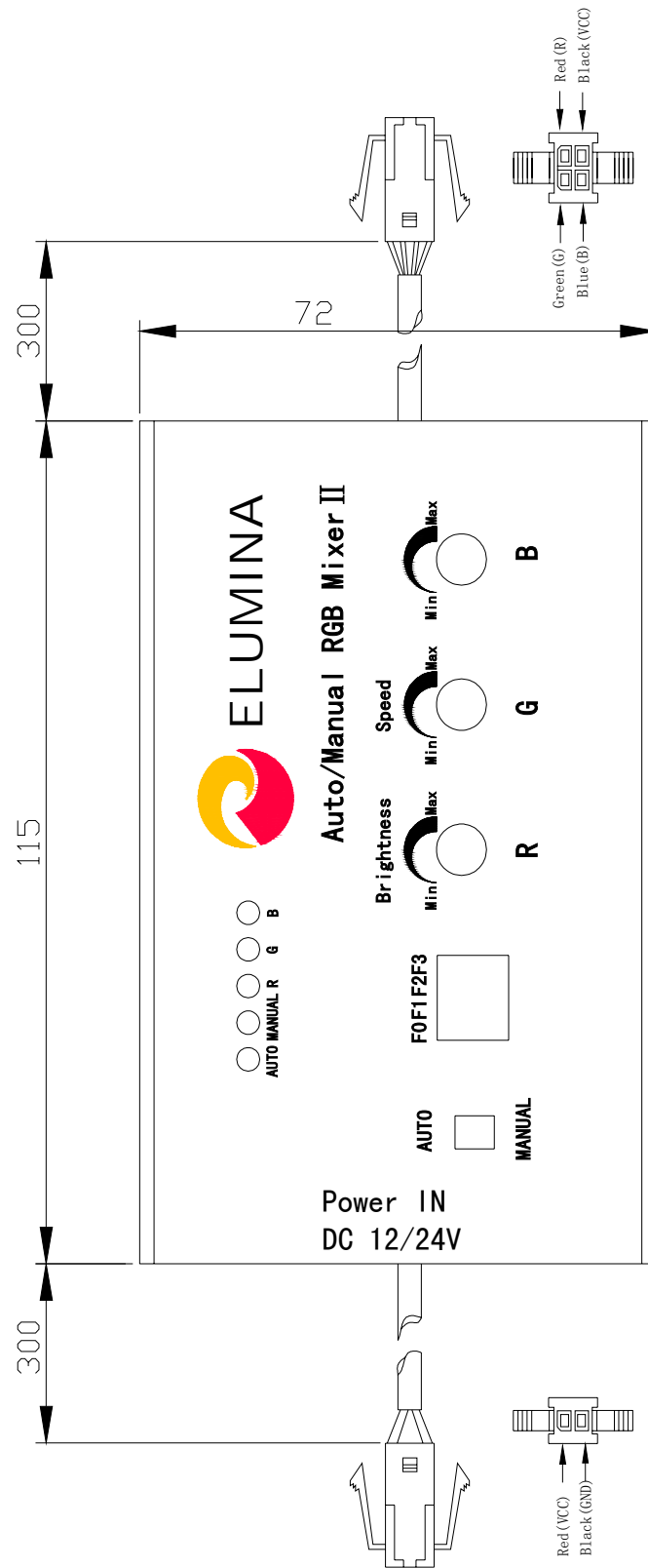
7 Color Shift



7 Color Flashing



◆ Product Outline ( mm )



◆ PACKING ( mm )

L × W × H: 140 × 80 × 35

