

LUMENLINKS LTD



## Technical Controller Specification

### 3 in 1 LED Strip Controller (Bluetooth 4.2 Mesh) with Push Connector

Product Code: BSC-01-HLI



#### Specification and Data Sheet for 3 in 1 RGB, CCT, RGB&CCT LED Strip Controller

Designed for Residential and Small Commercial Applications

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#### Features & Benefits

iOS & Android App Controlled

Bluetooth 4.2 Mesh Technology

3 in 1 RGB, CCT and RGB&CCT function

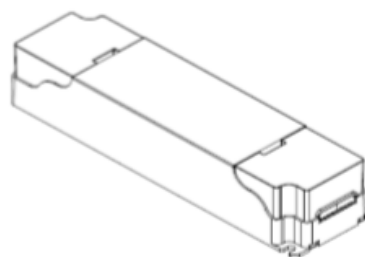
Push Connector with Cable Cover

Fast Connection with Smart Phone

Over 30m Connection Range (Depending on phone models)



#### Dimensions (Unit: mm)





## General Information

Product Group	Lighting Control
Product Range	BLT Control
Trade Name	3 in 1 LED Strip Controller

Product Weight	71g
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Mounting Type	N/A
Cut Out Size	N/A

Protection Class	Low Voltage
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Impact Resistance (IK)	IK02
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Max. Working Temp.	35°C (Do Not Cover with Insulation)
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Dimming Range	1-100%
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Accessories	N/A
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Typical Applications	Residential, Small Comm.
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Communication	Bluetooth 4.2 Mesh
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Main Body Finish	White
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Method of Fix	Screws
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Min. Void Required	75mm
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Input Voltage	12-24V
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Ingress Protection (IP)	IP20
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Max. Case Temp.	65°C
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App Name	Victronics App
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Output Channel	7 Channels RGB++CW
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## Thermals

Ambient Temperature Limits	35°C
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MOS Max. Temp	150°C
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MOS $\Delta T$ @ 3A	37°C
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Insulation Coverage	Do Not Cover
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Minimum Air Space Required	75mm
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Bluetooth Chip Max. Temp	150°C
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Chip $\Delta T$ @ 10A Input	17°C
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Note: above data were collected from lab testing condition. It may differ from normal operation

## Packaging

Inner Box Dimensions	145*48*48mm
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Unit Weight	73g
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Carton Dimensions	250*200*300mm
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Carton Weight	3420g
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Quantity Per Carton	40 PCS
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## Standards & Approvals

CE Marked	Yes
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Certificates:	Yes, on request.
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Accredited Members	ISO9001:2015; ISO14001:2015
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Rosh Marked	Yes
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Push Connector and Cable Cover Demo



Push Connector



Cable Cover

### Electrical

#### Input

Power	120W
Voltage	12-24V
Current	10A
AC or DC	DC

#### Output

Power	117W Max.
Voltage	12-24V Depends on Input
Current Per Chanel	3A Max
AC or DC	DC



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