

Unwired Connect

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WHY?

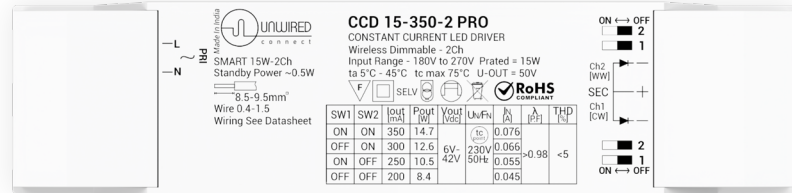
Unwired Connect

because we help untangle the cord

The world is complicated enough - why should your automation be too. *Uncomplicate* your life with systems that are simpler and economical to install and maintain. The world is going wireless - untangle the cord. We will transform the future of connected... the unwired way"



Constant Current 6-15W (PRO)



Dimensions: (LXWXH) 146mmx38mmx25mm

FEATURES

Output Type	Constant Current
Dimming Type	PWM
Dimming Range	0.1% - 100%
IP Grade	IP20
Insulation Class	Class 2

INPUT

Rated Input Voltage	230Vac
Operating Input Voltage	180Vac - 270Vac
Frequency	50Hz
Input Current	0.073A (@42V/350mA)
Input Power	16.8W (@42V/350mA)
Power Factor >	>0.98
THD <	<5% SIGmesh
No Load Power <	<0.5W SIGmesh
In Rush Current	NA
Circuit Breaker	NA

OUTPUT

Output Current	Select from 200mA/250mA/300mA/350mA
Output Voltage	6V-42V
Output Power	3W-14.7W
Constant Current Accuracy	+/- 3%
No Load Output Voltage	50V
Full Load Output Power	14.7W
Efficiency	~85%
Number of Output Channels	1CH and 2CH available
Current Ripple	<20%
Start Delay Time	<500ms

ENVIRONMENT & PROTECTION

Ambient operating temperature range	5°C - 45°C
Storage Temperature	5°C - 45°C
Max case temperature	75°C
Input surge protection	4kV

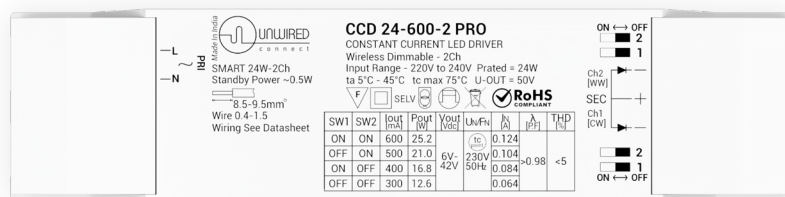
PLATFORM SUPPORTED



PROTOCOL SUPPORTED

Wi-Fi, Zigbee Tuya, BLE Mesh

Constant Current 6-24W (PRO)



Dimensions: (LXWXH) 146mmx38mmx25mm

FEATURES

Output Type	Constant Current
Dimming Type	PWM
Dimming Range	0.1% - 100%
IP Grade	IP20
Insulation Class	Class 2

INPUT

Rated Input Voltage	230Vac
Operating Input Voltage	180Vac - 270Vac
Frequency	50Hz
Input Current	0.073A (@42V/350mA)
Input Power	16.8W (@42V/350mA)
Power Factor >	>0.98
THD <	<5% SIGmesh
No Load Power <	<0.5W SIGmesh
In Rush Current	NA
Circuit Breaker	NA

OUTPUT

Output Current	Select from 300mA/400mA/500mA/600mA
Output Voltage	6V-42V
Output Power	3W-25.2W
Constant Current Accuracy	+/- 3%
No Load Output Voltage	50V
Full Load Output Power	14.7W
Efficiency	~85%
Number of Output Channels	1CH and 2CH available
Current Ripple	<20%
Start Delay Time	<500ms

ENVIRONMENT & PROTECTION

Ambient operating temperature range	5°C - 45°C
Storage Temperature	5°C - 45°C
Max case temperature	75°C
Input surge protection	4kV

PLATFORM SUPPORTED



PROTOCOL SUPPORTED

Wi-Fi, Zigbee Tuya, BLE Mesh

Constant Current 15-40W (PRO)



Dimensions: (LXWXH) 166mmx40mmx28mm

FEATURES

Output Type	Constant Current
Dimming Type	PWM
Dimming Range	0.1% - 100%
IP Grade	IP20
Insulation Class	Class 2

INPUT

Rated Input Voltage	230Vac
Operating Input Voltage	180Vac - 270Vac
Frequency	50Hz
Input Current	0.073A (@42V/350mA)
Input Power	16.8W (@42V/350mA)
Power Factor >	>0.98
THD <	<5% SIGmesh
No Load Power <	<0.5W SIGmesh
In Rush Current	NA
Circuit Breaker	NA

OUTPUT

Output Current	Select from 700mA/800mA/900mA/1000mA
Output Voltage	6V-42V
Output Power	3W-25.2W
Constant Current Accuracy	+/- 3%
No Load Output Voltage	50V
Full Load Output Power	14.7W
Efficiency	~85%
Number of Output Channels	1CH and 2CH available
Current Ripple	<20%
Start Delay Time	<500ms

ENVIRONMENT & PROTECTION

Ambient operating temperature range	5°C - 45°C
Storage Temperature	5°C - 45°C
Max case temperature	75°C
Input surge protection	4kV

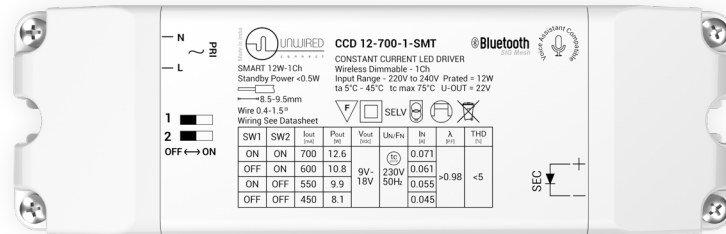
PLATFORM SUPPORTED



PROTOCOL SUPPORTED

Wi-Fi, Zigbee Tuya, BLE Mesh

Constant Current 6-12W



Dimensions: (LXWXH) 125mmx38mmx26mm

FEATURES

Output Type	Constant Current
Dimming Type	PWM
Dimming Range	1% - 100%
IP Grade	IP20
Insulation Class	Class 2

INPUT

Rated Input Voltage	230Vac
Operating Input Voltage	220Vac - 240Vac
Frequency	50Hz
Input Current	0.072A (@18V/700mA)
Input Power	16.5W (@18V/700mA)
Power Factor >	>0.98
THD <	<5% SIGmesh
No Load Power <	<0.5W SIGmesh
In Rush Current	NA
Circuit Breaker	NA

OUTPUT

Output Current	Select from 450mA/550mA/600mA/700mA
Output Voltage	10V-18V
Output Power	4.5W-12.6W
Constant Current Accuracy	+/- 3%
No Load Output Voltage	21V
Full Load Output Power	12.6W
Efficiency	~80%
Number of Output Channels	1CH and 2CH available
Current Ripple	<20%
Start Delay Time	<500ms

ENVIRONMENT & PROTECTION

Ambient operating temperature range	5°C - 45°C
Storage Temperature	5°C - 45°C
Max case temperature	75°C
Input surge protection	4kV

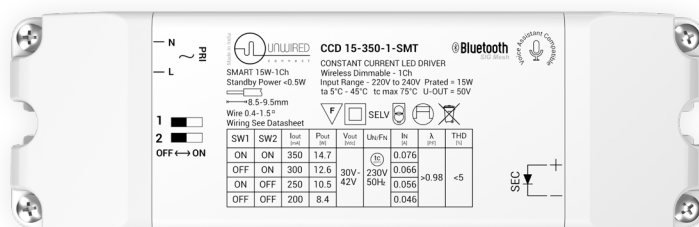
PLATFORM SUPPORTED



PROTOCOL SUPPORTED

Wi-Fi, Zigbee Tuya, BLE Mesh

Constant Current 6-15W



Dimensions (LXWXH) 125mm x 38mm x 26mm

FEATURES

Output Type	Constant Current
Dimming Type	PWM
Dimming Range	1% - 100%
IP Grade	IP20
Insulation Class	Class 2

INPUT

Rated Input Voltage	230Vac
Operating Input Voltage	220Vac - 240Vac
Frequency	50Hz
Input Current	0.077A (@42V/350mA)
Input Power	17.7W (@42V/350mA)
Power Factor >	>0.98
THD <	<5% SIGmesh
No Load Power <	<0.5W SIGmesh
In Rush Current	NA
Circuit Breaker	NA

OUTPUT

Output Current	Select from 200mA/250mA/300mA/350mA
Output Voltage	30V-42V
Output Power	6W-14.7W
Constant Current Accuracy	+/- 3%
No Load Output Voltage	50V
Full Load Output Power	14.7W
Efficiency	~85%
Number of Output Channels	1CH and 2CH available
Current Ripple	<20%
Start Delay Time	<500ms

ENVIRONMENT & PROTECTION

Ambient operating temperature range	5°C - 45°C
Storage Temperature	5°C - 45°C
Max case temperature	75°C
Input surge protection	4kV

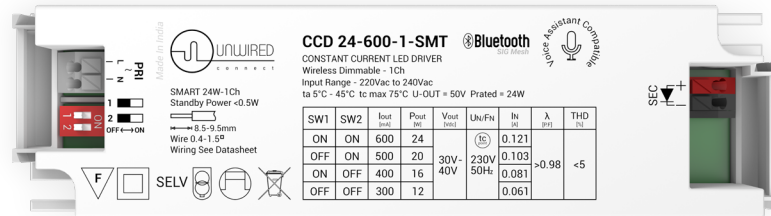
PLATFORM SUPPORTED



PROTOCOL SUPPORTED

Wi-Fi, Zigbee Tuya, BLE Mesh

Constant Current 9-24W



Dimensions (LxWxH) 162mmx 43.5mm x 30mm

FEATURES

Output Type	Constant Current
Dimming Type	PWM
Dimming Range	1% - 100%
IP Grade	IP20
Insulation Class	Class 2

INPUT

Rated Input Voltage	230Vac
Operating Input Voltage	220Vac - 240Vac
Frequency	50Hz
Input Current	0.121A (@40V/600mA)
Input Power	27.8W (@40V/600mA)
Power Factor >	>0.98
THD <	<5% SIGmesh
No Load Power <	<0.5W SIGmesh
In Rush Current	NA
Circuit Breaker	NA

OUTPUT

Output Current	Select from 300mA/400mA/500mA/600mA
Output Voltage	30V-40V
Output Power	9W-24W
Constant Current Accuracy	+/- 3%
No Load Output Voltage	50V
Full Load Output Power	24W
Efficiency	~88%
Number of Output Channels	1CH and 2CH available
Current Ripple	<20%
Start Delay Time	<500ms

ENVIRONMENT & PROTECTION

Ambient operating temperature range	5°C - 45°C
Storage Temperature	5°C - 45°C
Max case temperature	75°C
Input surge protection	4kV

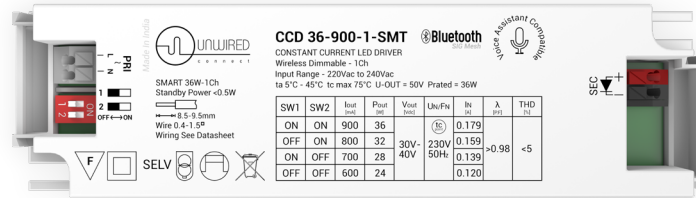
PLATFORM SUPPORTED



PROTOCOL SUPPORTED

Wi-Fi, Zigbee Tuya, BLE Mesh

Constant Current 18-36W



Dimensions (LxWxH) 162mm x 43.5mm x 30mm

FEATURES

Output Type	Constant Current
Dimming Type	PWM
Dimming Range	1% - 100%
IP Grade	IP20
Insulation Class	Class 2

INPUT

Rated Input Voltage	230Vac
Operating Input Voltage	220Vac - 240Vac
Frequency	50Hz
Input Current	0.179A (@40V/900mA)
Input Power	41.2W (@40V/900mA)
Power Factor >	>0.98
THD <	<5% SIGmesh
No Load Power <	<0.5W SIGmesh
In Rush Current	NA
Circuit Breaker	NA

OUTPUT

Output Current	Select from 600mA/700mA/800mA/900mA
Output Voltage	30V-40V
Output Power	18W-36W
Constant Current Accuracy	+/- 3%
No Load Output Voltage	50V
Full Load Output Power	36W
Efficiency	~88%
Number of Output Channels	1CH and 2CH available
Current Ripple	<20%
Start Delay Time	<500ms

ENVIRONMENT & PROTECTION

Ambient operating temperature range	5°C - 45°C
Storage Temperature	5°C - 45°C
Max case temperature	75°C
Input surge protection	4kV

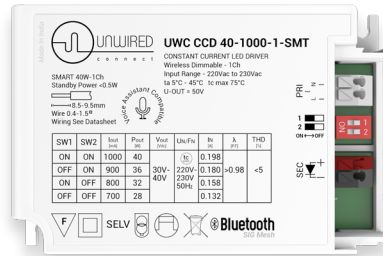
PLATFORM SUPPORTED



PROTOCOL SUPPORTED

Wi-Fi, Zigbee Tuya, BLE Mesh

Constant Current 24-40W



Dimensions (LxWxH) 103.5mm X 67.5mm X 30mm

FEATURES

Output Type	Constant Current
Dimming Type	PWM
Dimming Range	1% - 100%
IP Grade	IP20
Insulation Class	Class 2

INPUT

Rated Input Voltage	230Vac
Operating Input Voltage	220Vac - 240Vac
Frequency	50Hz
Input Current	0.198A (@40V/1000mA)
Input Power	45.5W (@40V/1000mA)
Power Factor >	>0.98
THD <	<5% SIGmesh
No Load Power <	<0.5W SIGmesh
In Rush Current	NA
Circuit Breaker	NA

OUTPUT

Output Current	Select from 700mA/800mA/900mA/1000mA
Output Voltage	30V-40V
Output Power	21W-40W
Constant Current Accuracy	+/- 3%
No Load Output Voltage	50V
Full Load Output Power	40W
Efficiency	~88%
Number of Output Channels	1CH and 2CH available
Current Ripple	<20%
Start Delay Time	<500ms

ENVIRONMENT & PROTECTION

Ambient operating temperature range	5°C - 45°C
Storage Temperature	5°C - 45°C
Max case temperature	75°C
Input surge protection	4kV

PLATFORM SUPPORTED



PROTOCOL SUPPORTED

Wi-Fi, Zigbee Tuya, BLE Mesh

the difference



UWC CAS▲MBI Driver

The UWC Way!



Driver

External
CAS▲MBI
Module

Conventional Way!

Strip Light Controllers Constant Voltage 10A



Dimensions (LxWxH) 123mm X 37mm X 22mm

FEATURES

Output Type	Constant Voltage
Dimming Type	PWM
Dimming Range (CW)	5% - 100%
Dimming Range (RGB)	10% - 100%
IP Grade	IP20
Insulation Class	Class 2

INPUT

Rated Input Voltage	12Vdc OR 24Vdc
No Load Power <	<0.5W SIGmesh

OUTPUT

Output Current	10A max on one or all channels combined
Output Power	120W @12Vdc OR 240W @24Vdc
Number of Output Channels	1CH/2CH/3CH/5CH available
Current Ripple	<20%
Start Delay Time	<500ms

ENVIRONMENT & PROTECTION

Ambient operating temperature range	5°C - 45°C
Storage Temperature	5°C - 45°C
Max case temperature	75°C

PLATFORM SUPPORTED

 CASAMBI

PROTOCOL SUPPORTED

Wi-Fi, Zigbee Tuya, BLE Mesh

Freedom Switch



Dimensions (LXWXH) 86mm x 86mm x 12.5mm

INPUT

Voltage	3VDC
Battery Type	CR2430 Lithium Coin Cell

OPERATING CONDITIONS

Operating temperature	0°C... +40°C
Storage temperature	-25°C... +70°C

RADIO TRANSCEIVER

Operating frequencies:	2.4022.480 GHz
Maximum output power	+8 dBm
Effective communication distance in open place	50m

DEGREE OF PROTECTION

IP20 (indoor use only)

CERTIFICATIONS

CE

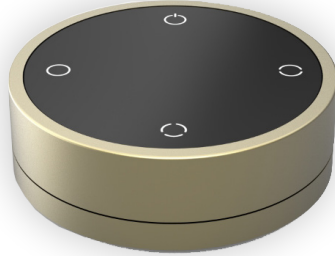
PLATFORM SUPPORTED

CASA MBI

PROTOCOL SUPPORTED

BLE Mesh

Knob Remote Control



Dimensions (LXWXH) Ø65 x 23 mm

INPUT

Voltage	3VDC
Battery Type	Lithium-ion 3.7V(Rechargeable)

OPERATING CONDITIONS

Operating temperature	0°C... +40°C
Storage temperature	-25°C... +70°C

RADIO TRANSCEIVER

Operating frequencies:	2.4022.480 GHz
Maximum output power	+8 dBm
Effective communication distance in open place	50m

DEGREE OF PROTECTION

IP20 (indoor use only)

CERTIFICATIONS

CE

PLATFORM SUPPORTED

CASA MBI

PROTOCOL SUPPORTED

BLE Mesh

Curtain Controller - ER250



Dimensions: 98x44x31 mm

INPUT

100-240V AC 50/60Hz

OUTPUT

230V 1.3A 300W Max.

OPERATING CONDITIONS

Operating temperature	0°C... +40°C
Storage temperature	-25°C... +70°C

RADIO TRANSCEIVER

Operating frequencies	433MHZ and 2.4022.480 GHz
Maximum output power	+8 dBm
Effective communication distance in open place	50m

DEGREE OF PROTECTION

IP20 (indoor use only)

CERTIFICATIONS

CE

PLATFORM SUPPORTED

CASAMBI

PROTOCOL SUPPORTED

BLE Mesh

Kinetic Switch for Curtain Controller



Dimensions (LxWxH) 85mm X 86mm X 17mm

INPUT

Self-Powered

OPERATING CONDITIONS

Operating temperature	0°C... +40°C
Storage temperature	-25°C... +70°C
Max. relative humidity	0...8 %, non-condensation

RADIO TRANSCEIVER

Operating frequencies	433MHZ (for use with Curtain Controller-ER250)
Maximum output power	NA
Effective communication distance in open place	25m

DEGREE OF PROTECTION

IP20 (indoor use only)

CERTIFICATIONS

CE

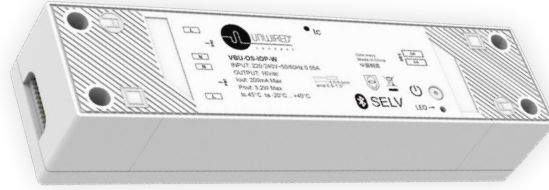
PLATFORM SUPPORTED

CASA  **MBI**

PROTOCOL SUPPORTED

BLE Mesh

Dali Controller



Dimensions (LxWxH) 146mm X 35.5mm X 28mm

INPUT

198-264V AC 50/60Hz

OUTPUT

Dali Signal 16V @200mA Max

OPERATING CONDITIONS

Operating temperature 0°C... +40°C
Storage temperature -25°C... +70°C

RADIO TRANSCEIVER

Operating frequencies 2.402 ...2.480 GHz
Maximum output power +8 dBm
Effective communication distance in open place 50m

DEGREE OF PROTECTION

IP20 (indoor use only)

CERTIFICATIONS

CE

PLATFORM SUPPORTED

CASA MBI

PROTOCOL SUPPORTED

BLE Mesh

Smart In-Track Casambi-Dali Controller



Dimensions (LxWxH) 98mm X 38mm X 19.3mm

INPUT

48V DC

OUTPUT

Dali Signal 16V @230mA Max.

OPERATING CONDITIONS

Operating temperature 0°C... +40°C
Storage temperature -25°C... +70°C

RADIO TRANSCEIVER

Operating frequencies 2.402 ...2.480 GHz
Maximum output power +8 dBm
Effective communication distance in open place 50m

DEGREE OF PROTECTION

IP20 (indoor use only)

CERTIFICATIONS

CE

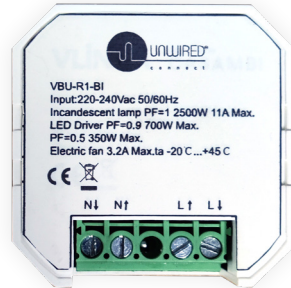
PLATFORM SUPPORTED

CASAMBI

PROTOCOL SUPPORTED

BLE Mesh

Smart Relay



Dimensions (LxWxH) 46mm X 46mm X 22mm

INPUT

220~240VAC

OUTPUT

Peak Power:

1. LED lighting module PF>0.9 3.2A/Max 700W
2. LED lighting module PF=0.5 Max 350W
3. Electric fan Max 3.2A

OPERATING CONDITIONS

Operating temperature	0°C... +40°C
Storage temperature	-25°C... +70°C

RADIO TRANSCEIVER

Operating frequencies	2.4022.480 GHz
Maximum output power	+8 dBm
Effective communication distance in open place	50m

DEGREE OF PROTECTION

IP20 (indoor use only)

CERTIFICATIONS

CE

PLATFORM SUPPORTED

CASA MBI

PROTOCOL SUPPORTED

BLE Mesh

IR Blaster



Dimensions (LxWxH) Ø80mm x 40mm

INPUT

5V DC/1A Micro USB

OUTPUT

IR Signal

IR operating distance Upto 15mtrs

16 IR Commands Max.

OPERATING CONDITIONS

Operating temperature 0°C... +40°C

Storage temperature -25°C... +75°C

RADIO TRANSCEIVER

Operating frequencies 2.4022.480 GHz

Maximum output power +8 dBm

Effective communication distance in open place 50m

DEGREE OF PROTECTION

IP20 (indoor use only)

CERTIFICATIONS

CE

PLATFORM SUPPORTED

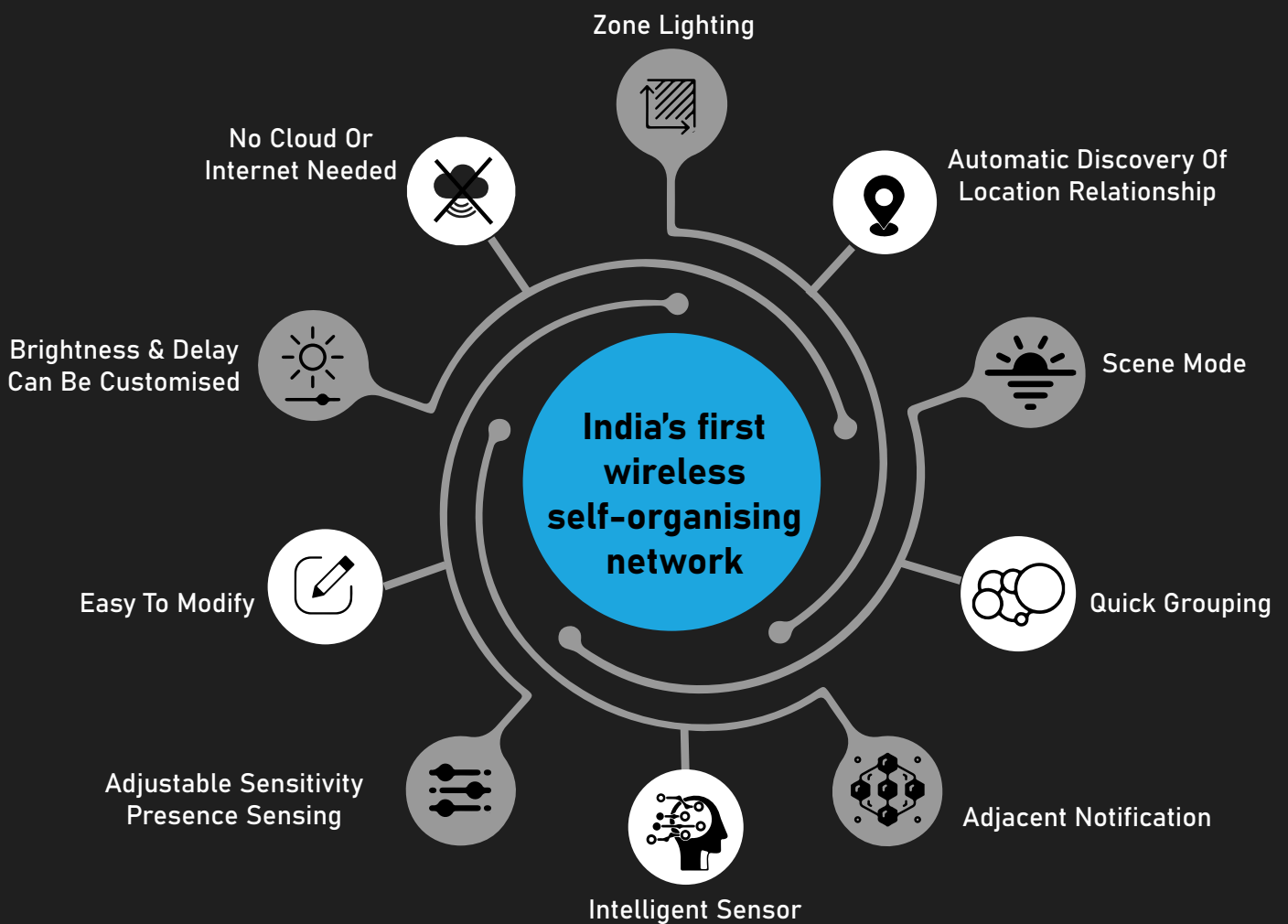
CASAMBI

PROTOCOL SUPPORTED

BLE Mesh

Introducing A!MIL

U n w i r e d C o n n e c t



Smart Track Driver



Dimensions (LxWxH) 125mm X 13.5mm X 10mm

FEATURES

Output Type	Constant Current
Dimming Type	PWM
Dimming Range	1% - 100%
IP Grade	IP20
Insulation Class	Class 2

INPUT

Rated Input Voltage	230Vac
Operating Input Voltage	220Vac - 240Vac
Frequency	50Hz
Input Current	0.198A (@40V/1000mA)
Input Power	45.5W (@40V/1000mA)
Power Factor >	>0.98
THD <	<5% SIGmesh
No Load Power <	<0.5W SIGmesh
In Rush Current	NA
Circuit Breaker	NA

OUTPUT

Output Current	Select from 400mA/500mA/600mA/700mA
Output Voltage	22V-40V
Output Power	8W-28W
Constant Current Accuracy	+/- 3%
No Load Output Voltage	50V
Full Load Output Power	40W
Efficiency	~88%
Number of Output Channels	1CH and 2CH available
Current Ripple	<20%
Start Delay Time	<500ms

ENVIRONMENT & PROTECTION

Ambient operating temperature range	5°C - 40°C
Storage Temperature	5°C - 45°C
Max case temperature	75°C
Input surge protection	4kV

PLATFORM SUPPORTED



PROTOCOL SUPPORTED

Zigbee Tuya, BLE Mesh

Smart Mini Track Driver



Dimensions (LxWxH) 65.25mm X 13.5mm X 11.5mm

FEATURES

Output Type	Constant Current
Dimming Type	PWM
Dimming Range	1% - 100%
IP Grade	IP20
Insulation Class	Class 2

INPUT

Rated Input Voltage	230Vac
Operating Input Voltage	220Vac - 240Vac
Frequency	50Hz
Input Current	0.198A (@40V/1000mA)
Input Power	45.5W (@40V/1000mA)
Power Factor >	>0.98
THD <	<5% SIGmesh
No Load Power <	<0.5W SIGmesh
In Rush Current	NA
Circuit Breaker	NA

OUTPUT

Output Current	Select from 400mA/500mA/600mA/700mA
Output Voltage	22V-40V
Output Power	8W-28W
Constant Current Accuracy	+/- 3%
No Load Output Voltage	50V
Full Load Output Power	40W
Efficiency	~88%
Number of Output Channels	1CH and 2CH available
Current Ripple	<20%
Start Delay Time	<500ms

ENVIRONMENT & PROTECTION

Ambient operating temperature range	5°C - 40°C
Storage Temperature	5°C - 45°C
Max case temperature	75°C
Input surge protection	4kV

PLATFORM SUPPORTED



PROTOCOL SUPPORTED

Zigbee Tuya, BLE Mesh

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