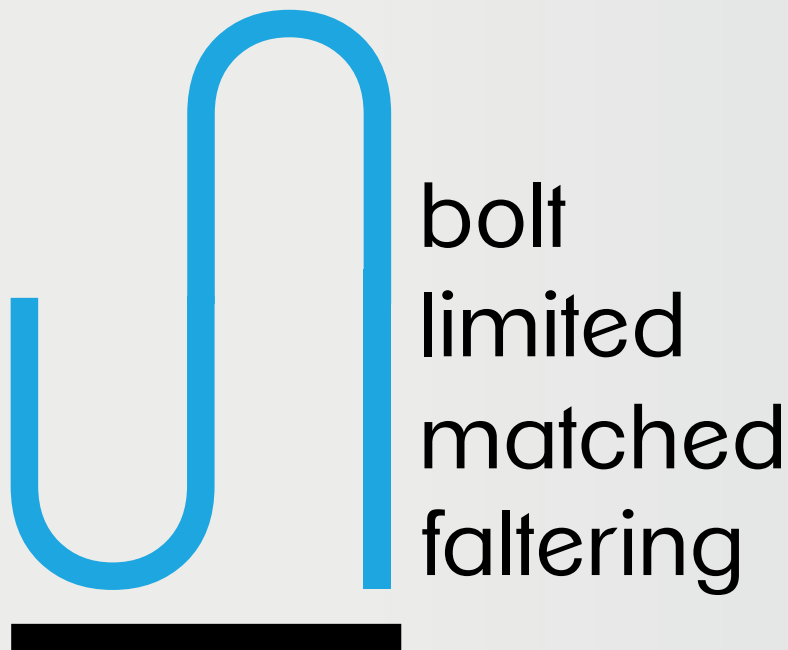


Unwired Connect

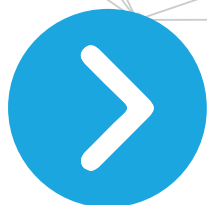
Unwired Connect

is all about how we help



possibilities & performance

Unwired Connect (UWC) is here to **unbolt** superior products and solutions based on cutting-edge R&D bolstered on IoT focused technology. The next level of digital transformation across varied domains is here to bring unlimited opportunities waiting to be seized, which is possible with a powerful backend support and product team that is cognizant of dynamic information that drives these changes- That is who we are! We have **unmatched** end-market experience, technical & design capabilities, manufacturing know-how, and global supply chain & product management expertise that enables us to deliver superior outcomes. We design and develop **unfaltering** products that speak directly and earnestly with consumers and help solve their real problems. The way we see it...a reliable product does what it should do, each time you use it. Unbolt unlimited, unmatched, and unfaltering possibilities and performance with UWC.



Index

> CONSTANT CURRENT DRIVER

CCD 6-15W (PRO)	03
CCD 6-24W (PRO)	04
CCD 15-40W (PRO)	05
CCD 6-12W	06
CCD 6-15W	07
CCD 9-24W	09
CCD 18-36W	09
CCD 24-40W	10

> AIML

Smart AIML Batten 5.8G	11
------------------------	----

> LOW VOLTAGE DRIVER/CONTROLLER

Mini Strip Light Controller	13
Strip Light Controller	14
Smart Track Driver	15
Casambi Mini Track Light Driver 1CH	16
Casambi Track Driver 1CH/2CH	17
Low Voltage Constant Current	18
Switch 10A (Relay)	19
Smart Relay	19
Salvador 2000 series	20
CBU-A2D Controller	20
CBU-TED-LR Controller	21
CBU-ASD-LR	21
CBU-DCS	22
Scene-DMX-Cas	22
Cas-DMX	23

> ACCESSORIES

Gateway

Gateway BLE Sigmesh	25
Gateway BLE Multinode	25
Gateway LAN BLE Sigmesh	26
Apple Home-Kit Gateway	26
Cloud Gateway	27
Lithernet Gateway	27

Smart Switch

3 Gang Remote	28
Scene Switch	28
4 Zone Wall Remote	29
Casambi Xpress-LR	29
4-button Switch	30
6-button Switch	30
Rotary Dimmer	31

Sensor

Smart Sensor	31
Human Presence Sensor	32
Occupancy + Daylight Sensor	32
Infrared Occupancy + Daylight Sensor	33
Occupancy + Daylight Sensor	33
All-in-one Sensor	34

IR Blaster

Universal Remote Control(Casambi)	35
Universal Remote Control(Tuya)	35

Curtain Controller

Curtain Controller	36
Kinetic Switch for Curtain Controller	36

WHY?

Unwired Connect

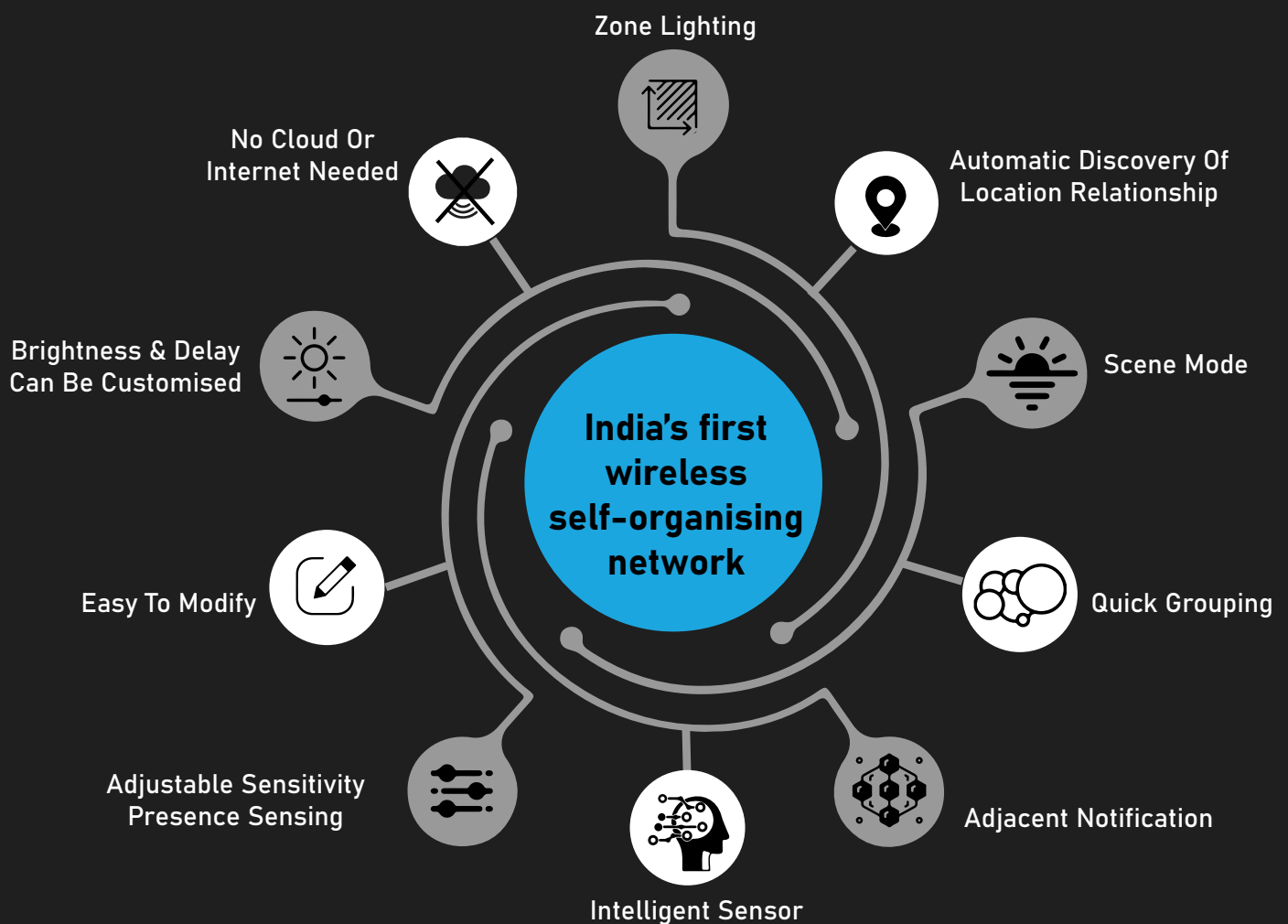
because we help untangle the cord

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"



Introducing A!MIL

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



SMART DRIVERS

Constant Current 6-15W (PRO)

TECHNICAL SPECIFICATION



Deep Dimming:
0.1%

Dimensions (LXWXH) 146mm x 36mm x 25mm

INPUT VOLTAGE

180Vac - 270Vac @50Hz

POWER FACTOR

>0.98 @230Vac

SURGE IMMUNITY

>4KV

OUTPUT VOLTAGE

20Vdc - 42Vdc

OUTPUT CURRENT

200mA, 250mA, 300mA & 350mA
(Selectable by DIP switch)

OPERATING TEMPERATURE

5°C - 45°C

DIMMING RANGE

0.1% - 100%

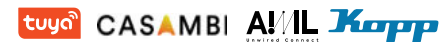
MODE OF OPERATION

Mobile App, Handheld Remote, Voice Assistant

RANGE OF OPERATION

15 mtrs (LoS)

PLATFORM



APPLICATIONS	AREAS OF APPLICATIONS	FEATURES
Downlight	Home Office	App Control Zigbee Bluetooth Mesh Google Assistant Amazon Alexa Tunable White Dimming

ORDERING CODE

CCD - 15 - 350 - 2 - PRO - SMT
Watt Max dc Output [mA] No of Channels Dimming Protocol

To order as per above code kindly select one from each option given below

Output Power	Max DC Output Iout	No Of Channels	Dimming Protocol
6W - 15W 15	350mA 350	1 channel 1 2 channel 2	SIG Mesh Tuya Wi-Fi Tuya Zigbee Tuya Casambi A1ML Kopp SMT WFT ZBT CSB A1ML KOPP

SMART DRIVERS

Constant Current 6-24W (PRO)

TECHNICAL SPECIFICATION



Dimensions (LXWXH) 146mm x 36mm x 25mm

INPUT VOLTAGE

180Vac - 270Vac @50Hz

POWER FACTOR

>0.98 @230Vac

SURGE IMMUNITY

>4KV

OUTPUT VOLTAGE

20Vdc - 42Vdc

OUTPUT CURRENT

300mA, 400mA, 500mA & 600mA
(Selectable by DIP switch)

OPERATING TEMPERATURE

5°C - 45°C

DIMMING RANGE

0.1% - 100%

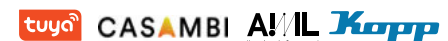
MODE OF OPERATION

Mobile App, Handheld Remote, Voice Assistant

RANGE OF OPERATION

15 mtrs (LoS)

PLATFORM



APPLICATIONS	AREAS OF APPLICATIONS	FEATURES
Downlight	Home Office	App Control Zigbee Bluetooth Mesh Google Assistant Amazon Alexa Tunable White Dimming

ORDERING CODE

CCD - 24 - 600 - 2 - PRO - SMT
Watt Max DC Output [mA] No Of Channels Dimming Protocol

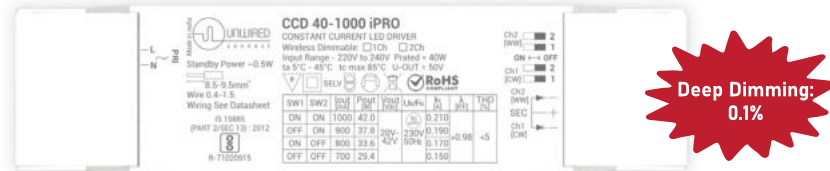
To order as per above code kindly select one from each option given below

Output Power	Max DC Output Iout	No Of Channels	Dimming Protocol
6W - 24W 24	600mA 600	1 channel 1 2 channel 2	SIG Mesh Tuya Wi-Fi Tuya Zigbee Tuya Casambi A1ML Kopp SMT WFT ZBT CSB A1ML KOPP

SMART DRIVERS

Constant Current 15-40W (PRO)

TECHNICAL SPECIFICATION



Dimensions (LXWXH) 166mm x 40mm x 28mm

INPUT VOLTAGE

180Vac - 270Vac @50Hz

POWER FACTOR

>0.98 @230Vac

SURGE IMMUNITY

>4KV

OUTPUT VOLTAGE

20Vdc - 42Vdc

OUTPUT CURRENT

700mA, 800mA, 900mA & 1000mA
(Selectable by DIP switch)

OPERATING TEMPERATURE

5°C - 45°C

DIMMING RANGE

0.1% - 100%

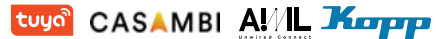
MODE OF OPERATION

Mobile App, Handheld Remote, Voice Assistant

RANGE OF OPERATION

15 mtrs (LoS)

PLATFORM



APPLICATIONS	AREAS OF APPLICATIONS	FEATURES
Downlight	Home Office	App Control Zigbee Bluetooth Mesh Google Assistant Amazon Alexa Tunable White Dimming

ORDERING CODE

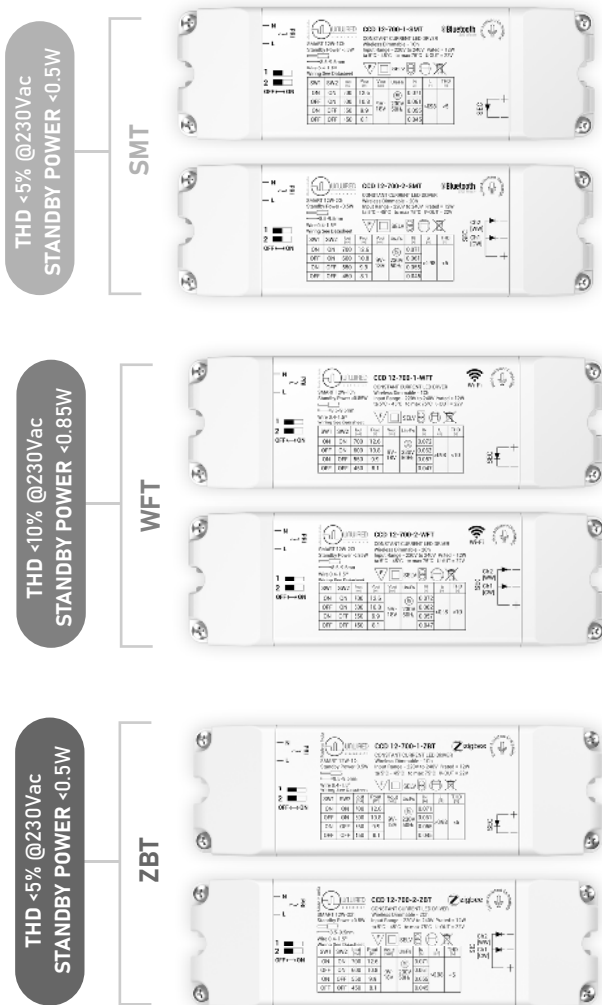
CCD - 40 - 1000 - 2 - PRO - SMT
Watt Max DC Output [mA] No Of Channels Dimming Protocol

To order as per above code kindly select one from each option given below

Output Power	Max DC Output lout	No Of Channels	Dimming Protocol
15W - 40W 40	1000mA 1000	1 channel 1 2 channel 2	SIG Mesh Tuya Wi-Fi Tuya Zigbee Tuya Casambi AIML Kopp SMT WFT ZBT CSB AIML KOPP

SMART DRIVERS Constant Current 6-12W

TECHNICAL SPECIFICATION



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

INPUT VOLTAGE

120Vac - 285Vac @50Hz

POWER FACTOR

>0.98 @230Vac

SURGE IMMUNITY

>4KV

OUTPUT VOLTAGE

9Vdc - 18Vdc

OUTPUT CURRENT

450mA, 550mA, 600mA & 700mA
(Selectable by DIP switch)

POWER FACTOR

OPERATING TEMPERATURE

5°C - 45°C

DIMMING RANGE

1% - 100%

MODE OF OPERATION

Mobile App, Handheld Remote, Voice Assistant

RANGE OF OPERATION

15 mtrs (LoS)

PLATFORM



APPLICATIONS	AREAS OF APPLICATIONS	FEATURES
Downlight	Home Office	App Control Zigbee Bluetooth Mesh Google Assistant Amazon Alexa Tunable White Dimming

ORDERING CODE

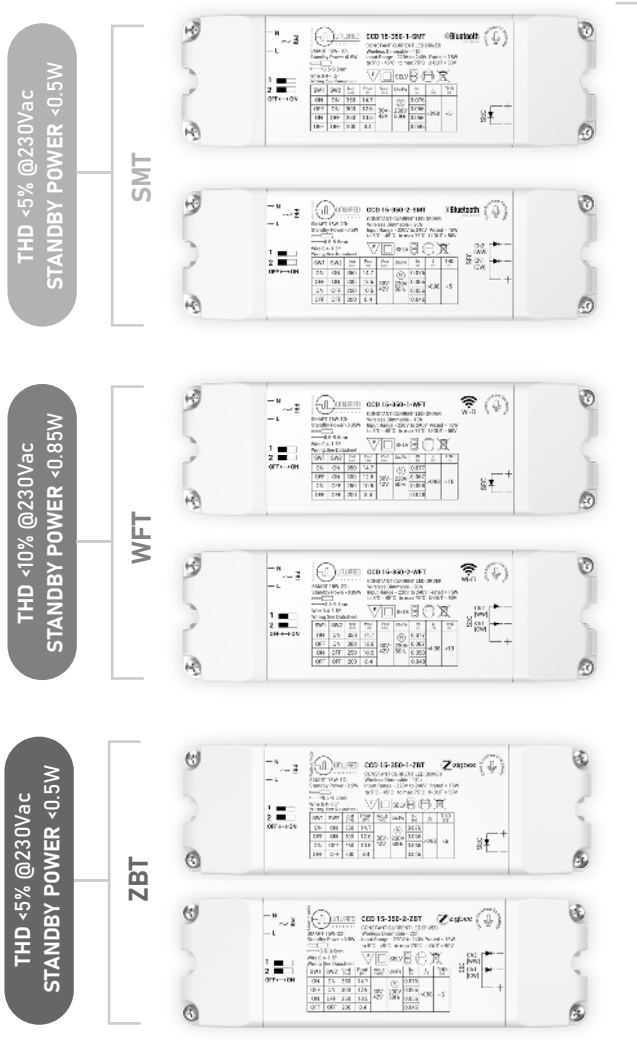
CCD - 12 - 700 - 2 - SMT
Watt Max DC Output [mA] No of Channels Dimming Protocol

To order as per above code kindly select one from each option given below

Output Power	Max dc Output lout	No of Channels	Dimming Protocol
6W - 12W 12	700mA 700	1 channel 1 2 channel 2	SIG Mesh Tuya Wi-Fi Tuya Zigbee Tuya AIML Kopp
			SMT WFT ZBT AIML KOPP

SMART DRIVERS Constant Current 6-15W

TECHNICAL SPECIFICATION



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

INPUT VOLTAGE

120Vac - 285Vac @50Hz

POWER FACTOR

>0.98 @230Vac

SURGE IMMUNITY

>4KV

OUTPUT VOLTAGE

30Vdc - 42Vdc

OUTPUT CURRENT

200mA, 250mA, 300mA & 350mA
(Selectable by DIP switch)

OPERATING TEMPERATURE

5°C - 45°C

DIMMING RANGE

1% - 100%

MODE OF OPERATION

Mobile App, Handheld Remote, Voice Assistant

RANGE OF OPERATION

15 mtrs (LoS)

PLATFORM



APPLICATIONS	AREAS OF APPLICATIONS	FEATURES
Downlight	Home Office	App Control Zigbee Bluetooth Mesh Google Assistant Amazon Alexa Tunable White Dimming

ORDERING CODE

CCD - **15** - **350** - **2** - **SMT**
Watt Max DC Output [mA] No Of Channels Dimming Protocol

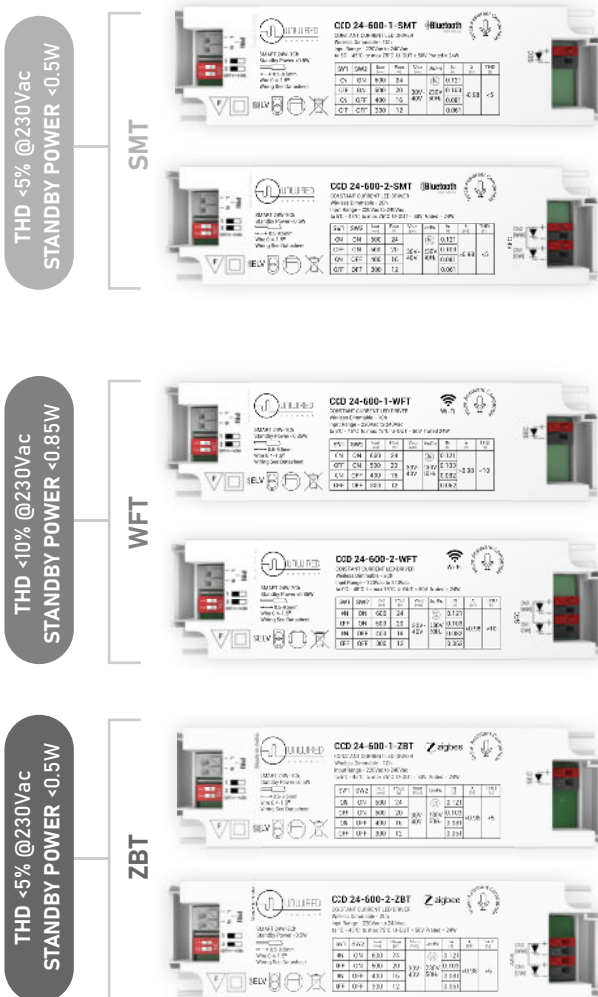
To order as per above code kindly select one from each option given below

Output Power	Max DC Output Iout	No Of Channels	Dimming Protocol
6W - 15W 15	350mA 350	1 channel 1 2 channel 2	SIG Mesh Tuya Wi-Fi Tuya Zigbee Tuya AIML Kopp SMT WFT ZBT AIML KOPP

SMART DRIVERS

Constant Current 9-24W

TECHNICAL SPECIFICATION



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

INPUT VOLTAGE

120Vac - 285Vac @50Hz

POWER FACTOR

>0.98 @230Vac

SURGE IMMUNITY

>4KV

OUTPUT VOLTAGE

30Vdc - 42Vdc

OUTPUT CURRENT

300mA, 400mA, 500mA & 600mA
(Selectable by DIP switch)

OPERATING TEMPERATURE

5°C - 45°C

DIMMING RANGE

1% - 100%

MODE OF OPERATION

Mobile App, Handheld Remote, Voice Assistant

RANGE OF OPERATION

15 mtrs (LoS)

PLATFORM



APPLICATIONS	AREAS OF APPLICATIONS	FEATURES
Downlight	Home Office	App Control Zigbee Bluetooth Mesh Google Assistant Amazon Alexa Tunable White Dimming

ORDERING CODE

CCD - 24 - 600 - 2 - SMT
Watt Max DC Output [mA] No Of Channels Dimming Protocol

To order as per above code kindly select one from each option given below

Output Power	Max DC Output Iout	No Of Channels	Dimming Protocol
9W - 24W 24	600mA 600	1 channel 1 2 channel 2	SIG Mesh Tuya Wi-Fi Tuya Cosmicnode Bluetooth Zigbee Tuya AIML Kopp
			SMT WFT CNB ZBT AIML KOPP



SMART DRIVERS

Constant Current 18-36W

TECHNICAL SPECIFICATION



THD <5% @230Vac
STANDBY POWER <0.5W

SMT



THD <10% @230Vac
STANDBY POWER <0.85W

WFT

THD <5% @230Vac
STANDBY POWER <0.5W

ZBT

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

INPUT VOLTAGE

120Vac - 285Vac @50Hz

POWER FACTOR

>0.98 @230Vac

SURGE IMMUNITY

>4KV

OUTPUT VOLTAGE

30Vdc - 40Vdc

OUTPUT CURRENT

600mA, 700mA, 800mA, 900mA
(Selectable by DIP switch)

OPERATING TEMPERATURE

5°C - 45°C

DIMMING RANGE

1% - 100%

MODE OF OPERATION

Mobile App, Handheld Remote,
Voice Assistant

RANGE OF OPERATION

15 mtrs (LoS)

PLATFORM



APPLICATIONS	AREAS OF APPLICATIONS	FEATURES
 Downlight	 Home	 Office
 App Control	 Zigbee	 Bluetooth Mesh
 Google Assistant	 Amazon Alexa	 Tunable White
 Dimming		

ORDERING CODE

CCD - **36** - **900** - **2** - **SMT**
 Watt Max DC Output [mA] No Of Channels Dimming Protocol

To order as per above code kindly select one from each option given below

Output Power	Max DC Output lout	No Of Channels	Dimming Protocol
18W - 36W 36	900mA 900	1 channel 1 2 channel 2	SIG Mesh Tuya Wi-Fi Tuya Cosmicnode Bluetooth Zigbee Tuya AIML Kopp
			SMT WFT CNB ZBT AIML KOPP

SMART DRIVERS

Constant Current 24-40W

TECHNICAL SPECIFICATION



INPUT VOLTAGE

120Vac - 285Vac @50Hz

POWER FACTOR

>0.98 @230Vac

SURGE IMMUNITY

>4KV

OUTPUT VOLTAGE

30Vdc - 42Vdc

OUTPUT CURRENT

700mA, 800mA, 900mA & 1000mA
(Selectable by DIP switch)

OPERATING TEMPERATURE

5°C - 45°C

DIMMING RANGE

1% - 100%

MODE OF OPERATION

Mobile App, Handheld Remote, Voice Assistant

RANGE OF OPERATION

15 mtrs (LoS)

PLATFORM



APPLICATIONS	AREAS OF APPLICATIONS	FEATURES
Downlight	Home Office	App Control Zigbee Bluetooth Mesh Google Assistant Amazon Alexa Tunable White Dimming

ORDERING CODE

CCD - **40** - **1000** - **2** - **SMT**
Watt Max DC Output [mA] No Of Channels Dimming Protocol

To order as per above code kindly select one from each option given below

Output Power	Max DC Output lout	No Of Channels	Dimming Protocol	
24W - 40W 40	1000mA 1000	1 channel 1 2 channel 2	SIG Mesh Tuya Wi-Fi Tuya Zigbee Tuya AIML Kopp	SMT WFT ZBT AIML KOPP

Smart AIML Batten 5.8G

TECHNICAL SPECIFICATION



Dimensions (LXWXH) 30.2mm x 36mm x 1200mm

INPUT VOLTAGE

220 - 230Vac @50Hz

WATTAGE

20W

CCT

6500K

APPLICATION AREAS

Multi Level Parking Lots, Staircases,
Warehouses, Subways, Common Areas

MOUNTING LOCATION

Wall Or Ceiling

APPLICATION ENVIRONMENT

Indoor

INPUT VOLTAGE

220 - 240Vac @50Hz

SURGE IMMUNITY

>2.5KV

DIMMING

Yes

STANDBY POWER

0.33W (at 0% dimming)

PLATFORM



AREAS OF APPLICATIONS



Parking
Lot



Staircase

FEATURES



AIML



Tunable
White



Dimming

ORDERING CODE

UWC - T8 - 5.8G - AIML

protocol agnostic

Tech

Wi-Fi

Bluetooth

Zigbee

Proprietary WSN

Partners

Cosmicnode

Tuya

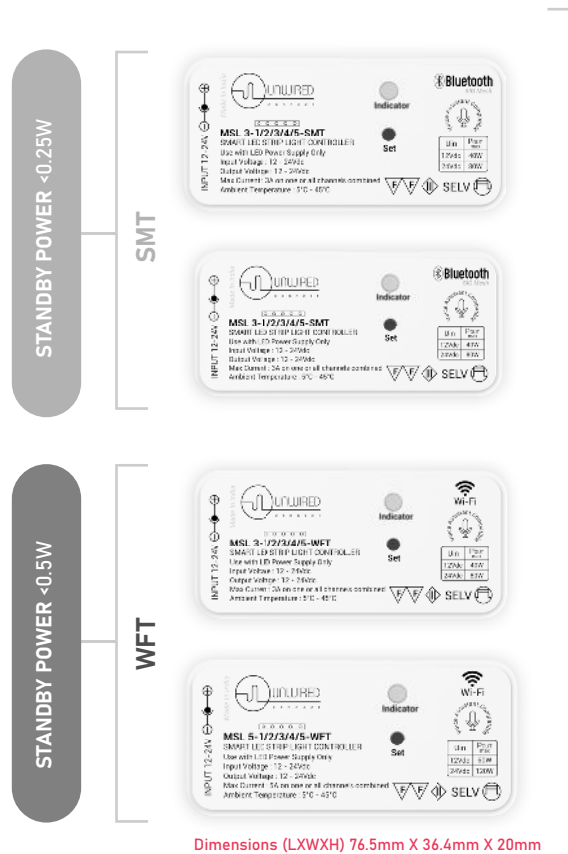
Casambi

Kopp

platform agnostic

SMART MINI LED STRIP LIGHT CONTROLLERS

TECHNICAL SPECIFICATION



Dimensions (LXWXH) 76.5mm X 36.4mm X 20mm

VOLTAGE RANGE

12V - 24V

MAX CURRENT

3A or 5A (The maximum combined output current is 3A/5A which can be freely divided between 1-5 channels.)

MAX POWER

For 3A : 40W @12Vdc
80W @24Vdc
For 5A : 60W @12Vdc
120W @24Vdc

AMBIENT TEMPERATURE

5°C - 45°C

MODE OF OPERATION

Mobile App, Handheld Remote,
Voice Assistant

RANGE OF OPERATION

15 mtrs (LoS)

PLATFORM



APPLICATIONS	AREAS OF APPLICATIONS		FEATURES						
									
Strip Light	Home	Office	App Control	Zigbee	Bluetooth Mesh	Google Assistant	Amazon Alexa	Tunable White	Dimming

ORDERING CODE

Available only on MOQ

MSL - 3 - 1 - SMT
Max No Of Dimming
Current Channels Protocol

To order as per above code kindly select one from each option given below

Max Current	No Of Channels	Dimming Protocol	
3A 3	1 channel 1	SIG Mesh Tuya	SMT
5A 5	2 channel 2	Wi-Fi Tuya	WFT
	3 channel 3		
	4 channel 4		
	5 channel 5		

SMART LED STRIP LIGHT CONTROLLERS
Constant Voltage 5A/10A

TECHNICAL SPECIFICATION

STANDBY POWER <0.25W

SMT

UWC SLC 5-1/2/3/4/5-SMT
SMART LED STRIP LIGHT CONTROLLER
4/20 AFT LED Power Supply Only
Input Voltage: 12-24Vdc Output Voltage: 12-24Vdc
Max Current: 5A or 10A (freely divided between 1-5 channels)
Ambient Temperature: 5°C - 45°C

UWC SLC 10-1/2/3/4/5-SMT
SMART LED STRIP LIGHT CONTROLLER
4/20 AFT LED Power Supply Only
Input Voltage: 12-24Vdc Output Voltage: 12-24Vdc
Max Current: 10A or 20A (freely divided between 1-5 channels)
Ambient Temperature: 5°C - 45°C

STANDBY POWER <0.5W

WFT

UWC SLC 5-1/2/3/4/5-WFT
SMART LED STRIP LIGHT CONTROLLER
4/20 AFT LED Power Supply Only
Input Voltage: 12-24Vdc Output Voltage: 12-24Vdc
Max Current: 5A or 10A (freely divided between 1-5 channels)
Ambient Temperature: 5°C - 45°C

UWC SLC 10-1/2/3/4/5-WFT
SMART LED STRIP LIGHT CONTROLLER
4/20 AFT LED Power Supply Only
Input Voltage: 12-24Vdc Output Voltage: 12-24Vdc
Max Current: 10A or 20A (freely divided between 1-5 channels)
Ambient Temperature: 5°C - 45°C

VOLTAGE RANGE
12V - 24V

MAX CURRENT
5A or 10A (The maximum combined output current is 5A/10A which can be freely divided between 1-5 channels.)

MAX POWER
For 5A : 60W @12Vdc
120W @24Vdc
For 10A : 120W @12Vdc
240W @24Vdc

AMBIENT TEMPERATURE
5°C - 45°C

MODE OF OPERATION
Mobile App, Handheld Remote, Voice Assistant

RANGE OF OPERATION
15 mtrs (LoS)

PLATFORM
tuya CASAMBI A1ML

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

APPLICATIONS	AREAS OF APPLICATIONS	FEATURES
 Strip Light	 Home Hotel Office Retail	 App Control Zigbee Bluetooth Mesh Google Assistant Amazon Alexa Tunable White Dimming

ORDERING CODE

SLC - 5 - 1 - SMT
Max Current No Of Channels Dimming Protocol

To order as per above code kindly select one from each option given below

Max Current	No Of Channels	Dimming Protocol
5A 5	1 channel 1	SIG Mesh Tuya SMT
10A 10	2 channel 2	Wi-Fi Tuya WFT
	3 channel 3	AIML AIML
	4 channel 4	Casambi CSB
	5 channel 5	

SMART MINI TRACK DRIVER Constant Current



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

INPUT VOLTAGE

24Vdc/48Vdc

OUTPUT VOLTAGE

If Vin = 48V : Vout 20V - 42V
If Vin = 24V : Vout 6V - 20V

OUTPUT CURRENT

Made to order
100mA - 700mA

OUTPUT POWER

Max 30W

WORKING TEMPERATURE

5°C - 40°C

MODE OF OPERATION













Mobile Application, Handheld Remote,
Voice Assistant

RANGE OF OPERATION

15mtrs (LoS)

PLATFORM



APPLICATIONS	AREAS OF APPLICATIONS	FEATURES
 Track Light	 Home  Office  Hotel  Retail	 App Control  Zigbee  Bluetooth Mesh  Google Assistant  Amazon Alexa  Tunable White  Dimming

ORDERING CODE

MT - 350 - 1 - SMT
Output Current No Of Channels Dimming Protocol

To order as per above code kindly select one from each option given below

Output Current	No Of Channels	Dimming Protocol
As per order	1 channel 1 2 channel 2	SIG Mesh Tuya Zigbee Tuya AIML SMT ZBT AIML

Casambi Mini Track Light Driver 1CH

TECHNICAL SPECIFICATION



Dimensions (LxWxH): 63mm X 14mm X 10mm

FEATURES

Output Type	Constant Current
Dimming Type	PWM
Dimming Range	0.1% - 100%

OUTPUT

Output Current	50mA - 700mA (customised)
Output Voltage	For Vin = 48V -> 22V-42V For Vin = 24V -> 6V-21V
Output Power	Max 30W
Constant Current Accuracy	+/- 3%
Full Load Output Power	Max 30W
Efficiency	>90% @36V
Number of Output Channels	1CH

INPUT

Rated Input Voltage	48Vdc
Operating Input Voltage	24Vdc-48Vdc
Standby Power Consumption	<0.5W

ENVIRONMENT & PROTECTION

IP Grade	IP20
Insulation Class	Class 2
Ambient operating temperature range	5°C - 45°C
Storage Temperature	5°C - 45°C
Max case temperature	75°C

PLATFORM

CASAMBI

APPLICATIONS	AREAS OF APPLICATIONS	FEATURES
 Track Light	<div> Home</div> <div> Office</div> <div> Hotel</div> <div> Retail</div>	<div> App Control</div> <div> Zigbee</div> <div> Bluetooth Mesh</div> <div> Google Assistant</div> <div> Amazon Alexa</div> <div> Tunable White</div> <div> Dimming</div>

ORDERING CODE

UWC - MTD - 350 - 1 - CSB

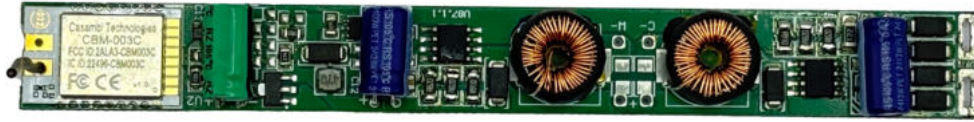
Output Current No Of Channels Dimming Protocol

To order as per above code kindly select one from each option given below

Output Current	No Of Channels	Dimming Protocol
As per order	1-channel 1	Casambi CSB

Casambi Track Light Driver 1CH+2CH

TECHNICAL SPECIFICATION



Dimensions (LxWxH): 122.5mm X 14mm X 10mm

FEATURES

Output Type	Constant Current
Dimming Type	PWM
Dimming Range	0.1% - 100%

OUTPUT

Output Current	150mA - 700mA (customised)
Output Voltage	For Vin = 48V -> 22V-42V For Vin = 24V -> 6V-21V
Output Power	Max 30W
Constant Current Accuracy	+/- 3%
Full Load Output Power	Max 30W
Efficiency	>90% @36V
Number of Output Channels	1CH & 2CH (select profile)

INPUT

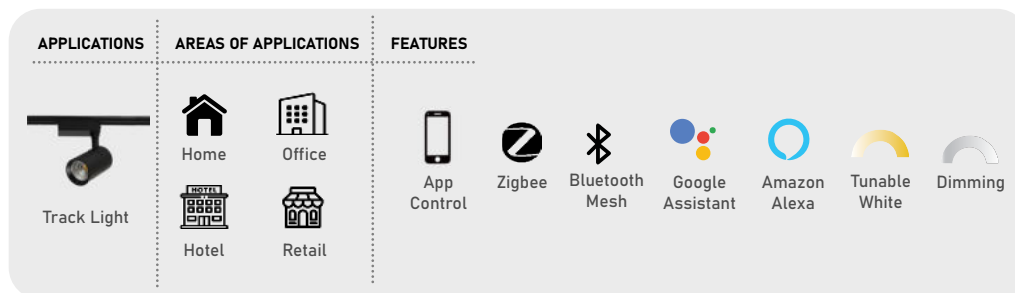
Rated Input Voltage	48Vdc
Operating Input Voltage	24Vdc-48Vdc
Standby Power Consumption	<0.5W

ENVIRONMENT & PROTECTION

IP Grade	IP20
Insulation Class	Class 2
Ambient operating temperature range	5°C - 45°C
Storage Temperature	5°C - 45°C
Max case temperature	75°C

PLATFORM

CASAMBI



ORDERING CODE

UWC - TD - 350 - 1 - CSB

Output Current No Of Channels Dimming Protocol

To order as per above code kindly select one from each option given below

Output Current	No Of Channels	Dimming Protocol
As per order	1-channel 1 2-channel 2	Casambi CSB

SMART DRIVER LOW VOLTAGE Constant Current

TECHNICAL SPECIFICATION



Dimensions (LXWXH) 108mm X 21mm X 21.5mm

INPUT VOLTAGE

24Vdc/48Vdc

WORKING TEMPERATURE

5°C - 40°C

OUTPUT VOLTAGE

If Vin = 48V : Vout 20V - 42V
If Vin = 24V : Vout 6V - 20V

MODE OF OPERATION

Mobile Application, Handheld Remote,
Voice Assistant

OUTPUT CURRENT

Made to order 100mA - 700mA

RANGE OF OPERATION

15mtrs (LoS)

OUTPUT POWER

Max 30W

PLATFORM



APPLICATIONS	AREAS OF APPLICATIONS	FEATURES
<p>Downlight</p>	<div> <div> <p>Home</p> </div> <div> <p>Hotel</p> </div> </div> <div> <div> <p>Office</p> </div> <div> <p>Retail</p> </div> </div>	<div> <div> <p>App Control</p> </div> <div> <p>Zigbee</p> </div> <div> <p>Bluetooth Mesh</p> </div> <div> <p>Google Assistant</p> </div> <div> <p>Amazon Alexa</p> </div> <div> <p>Tunable White</p> </div> <div> <p>Dimming</p> </div> </div>

ORDERING CODE

HT - **350** - **1** - **SMT**
Output Current No Of Channels Dimming Protocol

To order as per above code kindly select one from each option given below

Output Current	No Of Channels	Dimming Protocol
As per order	1 channel 1 2 channel 2	SIG Mesh Tuya SMT AIML AIML

SMART Switch 10A

TECHNICAL SPECIFICATION



Dimensions (LXWXH) 65mm X 23mm X 40mm

ORDERING CODE

UWC - CB - 10 - WFT

INPUT VOLTAGE

90Vac - 250Vac

MAX CURRENT

10A

NETWORK CONNECTION

Wi-Fi 2.4GHz

MODE OF OPERATION

Mobile App, Voice Assistant

RANGE OF OPERATION

15 mtrs (LoS)

OPERATING TEMPERATURE

10°C - 60°C

PLATFORM



SMART Relay

TECHNICAL SPECIFICATION



Dimensions (LXWXH) 46mm X 46mm X 22mm

ORDERING CODE

UWC - CB - 10 - CSB

INPUT VOLTAGE

220Vac - 240Vac

MAX CURRENT

- LED lighting module PF = 0.9 700W Max, PF = 0.5 350W Max.
- Electric fan Max 3.2A
- Incandescent lamp PF = 1 2500W 11A Max

COMMUNICATION PROTOCOL

Casambi

RANGE OF OPERATION

50 mtrs (LoS)

OPERATING TEMPERATURE

-20°C - 45°C

PLATFORM

CASAMBI

Salvador 2000 series

TECHNICAL SPECIFICATION



Dimensions: 106mm x 67mm x 28 mm

INPUT
Voltage range: 100-277 VAC
Max. mains current: 70 mA
DALI OUTPUT VOLTAGE RANGE:
12-15 VDC
MAX CURRENT:
200mA
COMPATIBILITY
DT6 and Dt8 control: upto 16/32/64 DALI luminaires individually
PLATFORM
CASAMBI

ORDERING CODE

UWC - CSB - SVDR - 2016

To order as per above code kindly select one from each option given below

Configuration
16 addresses 2016
32 addresses 2032
64 addresses 2064

CBU-A2D Controller

TECHNICAL SPECIFICATION



Dimensions (LXWXH) 76mm x 26mm x 23mm

INPUT VOLTAGE
100-240 VAC (CE/UL/CSA)
277 VAC (UL/CSA only)
MAX CURRENT
35mA
OUTPUT VOLTAGE:
Channel 1 output
Output voltage, DALI 12 VDC, max. 20 mA
Maximum number of drivers: 1 driver + 1 sensor/ push button
CHANNEL 2 OUTPUT
Output voltage, relay control: 12 VDC, max. 100mA
Maximum number of drivers: 1
PLATFORM
CASAMBI

ORDERING CODE

UWC - CSB - CTRL - A2D

CBU-TED-LR Controller

TECHNICAL SPECIFICATION



Dimensions: 40.4mm x 36.2mm x 14mm

ORDERING CODE

UWC - CSB - CTRL - TED - LR

INPUT

Voltage: 85–240 VAC

DIMMING METHOD:

Trailing-edge phase control Max.

OUTPUT

Output power: 100 W @230Vac

Max. output current: 0.43 A

MODE OF OPERATION

Mobile App, Voice Assistant

RANGE OF OPERATION

200 metres (LoS)

PLATFORM

CASAMBI

CBU-ASD-LR

TECHNICAL SPECIFICATION



Dimensions: 56.5mm x 35.8mm x 22.3 mm

ORDERING CODE

UWC - CSB - CTRL - ASD - LR

VOLTAGE RANGE

220Vac - 240Vac

RANGE OF OPERATION

200mtrs

OUTPUT VOLTAGE RANGE

9–12 VDC

OPERATING TEMPERATURE

–20...+50°C

PLATFORM

CASAMBI

CBU - DCS

TECHNICAL SPECIFICATION



Dimensions: 40.4mm x 36.3mm x 14.0 mm

INPUT
DALI Bus
Max DALI bus current: 250mA
VOLTAGE RANGE
9.5-22.5 VDC
PEAK INPUT CURRENT
30mA
PLATFORM
CASAMBI

ORDERING CODE
UWC - CSB - CTRL - DCS

Scene - DMX - Cas

TECHNICAL SPECIFICATION



Dimensions: 72.6mm X 30mm X 18mm

DMX INTEGRATION
DECODES TWO DMX CHANNELS
FIRST CHANNEL
maps upto 20 pre-defined scenes
SECOND CHANNEL
0-100% intensity control for the selected scene
INPUT VOLTAGE
Voltage range: 12-24 VDC
DMX-512 OUTPUT
3-wire non-isolated DMX-512
OPERATING TEMPERATURE:
-25...+45°C
PLATFORM
CASAMBI

ORDERING CODE
UWC - CSB - CTRL - SCN - DMX

Cas-DMX

TECHNICAL SPECIFICATION



Dimensions: 72.6mm X 30mm X 18 mm

INTEGRATION

4-channel: standard Casambi color functions
8-channel: standard Casambi slider function
12-channel: sliders available in Evolution mode

INPUT

Voltage range: 12-24 VDC, Class 2
No-load input current: 30 mA

DMX-512 OUTPUT

3-wire non-isolated DMX-512

PLATFORM

CASAMBI

ORDERING CODE

UWC - CSB - CTRL - DMX

not just a
manufacturer
but a comprehensive

solution



Tailored Solutions



Training & RF Planning



Crafted To Meet Unique Needs



Seamless integration, Platforms & Protocols

GATEWAY Bluetooth SIG Mesh

TECHNICAL SPECIFICATION



WIRELESS TECHNOLOGY

BLE SIG Mesh, 2.4G Wi-Fi

POWER SUPPLY

5V 1A Micro USB
(Adapter not included with order)

WORKING CURRENT

<1A

WORKING TEMPERATURE

5°C – 40°C

COLOR

White

PLATFORM



PROTOCOL



ORDERING CODE

UWC - GTW - SMT

GATEWAY Bluetooth Multimode

TECHNICAL SPECIFICATION



WIRELESS TECHNOLOGY

BLE SIG Mesh, 2.4G Wi-Fi

POWER SUPPLY

5V 1A Micro USB
(Adapter not included with order)

WORKING CURRENT

<1A

WORKING TEMPERATURE

5°C – 40°C

COLOR

White

PLATFORM



PROTOCOL



ORDERING CODE

UWC - GTW - SMT - ZB

GATEWAY LAN Bluetooth SIG Mesh

TECHNICAL SPECIFICATION

Dimensions (LXWXH)
90mm x 90mm x 23mm



ORDERING CODE
UWC - GTW - SMT - L - PRO

WIRELESS TECHNOLOGY
BLE SIG Mesh, 2.4G Wi-Fi

POWER SUPPLY
5V 1A Micro USB

WORKING CURRENT
<1A

WORKING TEMPERATURE
5°C - 40°C

COLOR
White

PLATFORM
tuya

GATEWAY Apple Home-Kit

TECHNICAL SPECIFICATION



Dimensions (LXWXH) 78mm x 78mm x 25mm

ORDERING CODE
UWC - GTW - ZHT

WIRELESS TECHNOLOGY
Zigbee

POWER SUPPLY
5V 1A Micro USB

WORKING CURRENT
<1A

WORKING TEMPERATURE
0°C - 55°C

COMMUNICATION PROTOCOL
Zigbee

CABLE INTERFACE
RJ45 10/100M Ethernet Port

COLOR
White

PLATFORM
tuya

PROTOCOL
Z

CLOUD GATEWAY

TECHNICAL SPECIFICATION



Dimensions 100.8MM X 73.7MM X 29.25MM

FUNCTION

Remote access and control of Casambi-enabled lighting networks over the internet

POWER SUPPLY

5V DC USB-C (min. 3A)

OPERATING TEMPERATURE

0 – 50°C ambient

OPERATING DISTANCE

50m

COLOR

Black

PLATFORM

CASAMBI

ORDERING CODE

UWC - CSB - ACCS - CLDGTWY

LITHERNET GATEWAY

TECHNICAL SPECIFICATION



Dimensions 120MMX65MMX35MM

FUNCTION

Integrate the Casambi Bluetooth lighting control system into BMS

POWER SUPPLY

Over Ethernet

NETWORK SPEED

10/100Mb

COLOR

Grey

PLATFORM

CASAMBI

ORDERING CODE

UWC - CSB - LTHGTWY

SMART 3 Gang Switch

TECHNICAL SPECIFICATION



Dimensions (LXWXH) 86mm x 86.5mm x 13.5mm

DIMMING PROTOCOL

AIML

FUNCTION

6 Presets, Dimming, Color
Temperature Control

RANGE

15mtrs (LoS)

BATTERY

CR2032*2

PLATFORM



ORDERING CODE

UWC - SS - 6 - AIML

Function

To order as per above code kindly select one from each option given below

Function

ON/OFF + Brightness + CCT + 4 Scenes	WR
6 Scenes + Brightness + CCT	SS

SMART Scene Switch

TECHNICAL SPECIFICATION



Dimensions (LXWXH) 86mm x 86.5mm x 15.5mm

DIMMING PROTOCOL

BLE SIG Mesh

FUNCTION

Execute Scenes And Automation

RANGE

15 mtrs (LoS)

BATTERY

CR2032*1 (Not included with order)

COLORS



NO OF SCENES ON ONE SWITCH

3 (single press, double press, long press)

Note: The Scene Switch requires a Sigmesh Gateway

PLATFORM



ORDERING CODE

UWC - SS - 4 - BL - SMT

Color

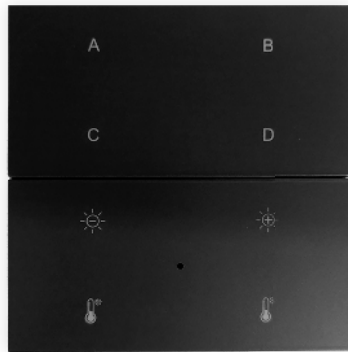
To order as per above code kindly select one from each option given below

Color

White	WH
Black	BL

SMART 4 Zone Wall Remote

TECHNICAL SPECIFICATION



Dimensions (LXWXH) 86mm x 86mm x 13mm

DIMMING PROTOCOL

Bluetooth SIG Mesh

NO OF LUMINARIES IN 1 ZONE

100

FUNCTION

Switching On/Off, Dimming, Color Temperature Control, Four Zone Control

MAX NO OF SWITCHES FOR 1 LUMINAIRE

8

RANGE

15 mtrs (LoS)

BATTERY

Rechargeable Lithium-ion

COLOR



PLATFORM



ORDERING CODE

UWC - WR - 4Z - TW - SMT BK
Color

To order as per code kindly select one from each option given below

Color

Black BK
Grey GY
White WH

Casambi Xpress-LR

TECHNICAL SPECIFICATION



Dimensions: 90mm x 90mm x 12mm

FUNCTION

4 groups + Dimming + Tuning

WIRELESS POWER

8 dBm

WORKING VOLTAGE

3V DC

WORKING TEMPERATURE

0°-40°C

BATTERY

CR2430 Lithium Coin Cell

RANGE OF OPERATION

50m LoS

FREQUENCY BAND

2.4GHz ISM band

PLATFORM

CASAMBI

COLOR



ORDERING CODE

UWC - CSB - SWCH - XPRSLR - BLK

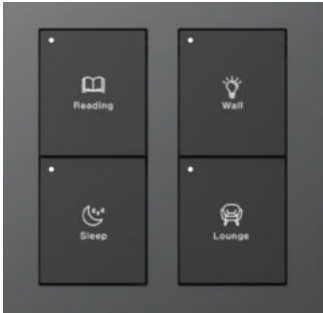
To order as per code kindly select one from each option given below

Color

Black BLK
White WH

4-Button Switch

TECHNICAL SPECIFICATION



Dimensions: 86mm x 86mm x 12mm

FUNCTION
4-button switch

WORKING VOLTAGE
2 X 3V batteries

FREQUENCY BAND
2.4GHz ISM band

COLOR
● ● ●

PLATFORM
CASAMBI

ORDERING CODE

UWC - CSB - SWCH - D4 - BLK

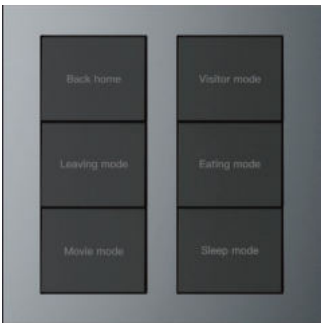
To order as per code kindly select one from each option given below

Color

Black BLK
White WH
Gold GLD

6-Button Switch

TECHNICAL SPECIFICATION



Dimensions: 86mm x 86mm x 28mm

FUNCTION
6-button switch

WORKING VOLTAGE
220V powered

FREQUENCY BAND
2.4GHz ISM band

COLOR
● ●

PLATFORM
CASAMBI

ORDERING CODE

UWC - CSB - SWCH - D6 - 220V - BLK

To order as per code kindly select one from each option given below

Color

Black BLK
White WHT
Gold GLD

Rotary Dimmer 3-button

TECHNICAL SPECIFICATION



Dimensions 86mm X 86mm X 25.4mm (KNOB IS 16mm)

FUNCTION

3-button switch +
Rotary Knob

WORKING VOLTAGE

220V powered

FREQUENCY BAND

2.4GHz ISM band

COLOR



PLATFORM

CASAMBI

ORDERING CODE

UWC - CSB - SWCH - D6 - 220V - BLK

To order as per code kindly select one from each option given below

Color

Black BLK
White WH
Gold GLD

SMART Sensor

TECHNICAL SPECIFICATION



Dimensions (LXWXH) 145mmx 35mm x 25mm

WIRELESS TECHNOLOGY

AIML

POWER SUPPLY

220V@50Hz

WIRELESS DISTANCE

50m

RADAR DETECT ANGLE

120°

RADAR DETECT DISTANCE

6m

PLATFORM

AIML
Unwired Connect

ORDERING CODE

UWC - OS - 24G - AIML (220V)

SMART Human Presence Sensor

TECHNICAL SPECIFICATION



Dimensions (LXWXH) 89mm x 86mm x 58mm

WIRELESS TECHNOLOGY

Zigbee

POWER SUPPLY

5V/1A Type - C USB

WIRELESS DISTANCE

50m

RADAR DETECT ANGLE

120°

RADAR DETECT DISTANCE

6m

PLATFORM



ORDERING CODE

UWC - HPS - ZBT

Occupancy + Daylight Sensor

TECHNICAL SPECIFICATION



Dimensions 90mm X 80mm

FUNCTION

Occupancy + Daylight sensor

DETECTION RANGE

4-5m @25°C at 6m mounting height

INPUT VOLTAGE

100-240Vac

WORKING CURRENT

50mA max

PLATFORM



ORDERING CODE

UWC - CSB - SNSR - MRYMSA221B

Infrared occupancy + Daylight Sensor

TECHNICAL SPECIFICATION



Dimensions 105mm X 105mm X 90.8mm

FUNCTION

Passive infrared occupancy and daylight sensor

DETECTION DIAMETER

8-10m Max (for 8m mounting height)

INPUT VOLTAGE

100-240Vac

WORKING CURRENT

20mA max

PLATFORM

CASAMBI

ORDERING CODE

UWC - CSB - SNSR - MRYMSA227R

Motion + Daylight Sensor

TECHNICAL SPECIFICATION



Dimensions 77mm X 36mm X 25.6mm

FUNCTION

5.8Ghz Motion & Daylight Sensor

TRANSMISSION DISTANCE

15m (LoS)

INPUT VOLTAGE

100-240Vac

WORKING CURRENT

20mA max

PLATFORM

CASAMBI

ORDERING CODE

UWC - CSB - SNSR - MRYMC177SB1

All-in-one Sensor

TECHNICAL SPECIFICATION



Dimensions 73mm X 87.2mm

FUNCTION
Casambi-enabled all-in-one sensor

DETECTION DIAMETER
13m max (2.7m mounting height)

INPUT VOLTAGE
220-240Vac

DALI OUTPUT
100mA at 16.5VDC
(can support upto 25 drivers)

PLATFORM
CASAMBI

ORDERING CODE

UWC - CSB - SNSR - VRSNUS1

IR BLASTER Universal Remote Control

TECHNICAL SPECIFICATION



Dimensions Diameter: 80mm X 38mm

FUNCTION

Casambi To IR Extender

POWER SUPPLY

5Vdc 1A Micro USB

WIRELESS DISTANCE

IR Operating Distance: Upto 15m/
Casambi Operating Range: 50m

WORKING TEMPERATURE

0°C - 40°C

PLATFORM

CASAMBI

ORDERING CODE

UWC - UR - 1 - CSB

IR BLASTER Universal Remote Control

TECHNICAL SPECIFICATION



Dimensions (LXWXH) 65mm x 65mm x 21mm

POWER SUPPLY

5V/1A Micro USB

NETWORK CONNECTION

Wi-Fi 2.4GHz

IR TRANSMIT FREQUENCY

38kHz

IR DISTANCE

≤8m

IR DIRECTION

Multi Azimuth

PLATFORM

tuya

ORDERING CODE

UWC - UR - 1 - WFT

AREAS OF APPLICATIONS



Television



Air-conditioning



Set-top-box

Curtain Controller

TECHNICAL SPECIFICATION



Dimensions: 98mm x 44mm x 31 mm

OPERATING VOLTAGE

AC 100-240V 50/60Hz

POWER RATING

300W

RADIO FREQUENCY

433MHZ & 2.4GHz

COMMUNICATION DISTANCE RF

80m (outdoors) 25m (indoor)

BLE

50m (outdoors) 30m (indoor)

PLATFROM

CASAMBI

ORDERING CODE

UWC - CC - ER2508

Kinetic Switch for Curtain Controller

TECHNICAL SPECIFICATION



Dimensions: 98mm x 44mm x 31 mm

FUNCTION

Kinetic Switch

OPERATING VOLTAGE

Self Powered

RADIO FREQUENCY

433MHz

COMMUNICATION DISTANCE

25m (indoor)

COLOR

● (For black color replace ordering code with "ER2354")

PLATFROM

CASAMBI

ORDERING CODE

UWC - ES - ER2300

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Notes

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