



Smart Lights & Accessories

Catalogue

2022 - 23

W.E.F.: 1st September 2022

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Voice Commands enabled through



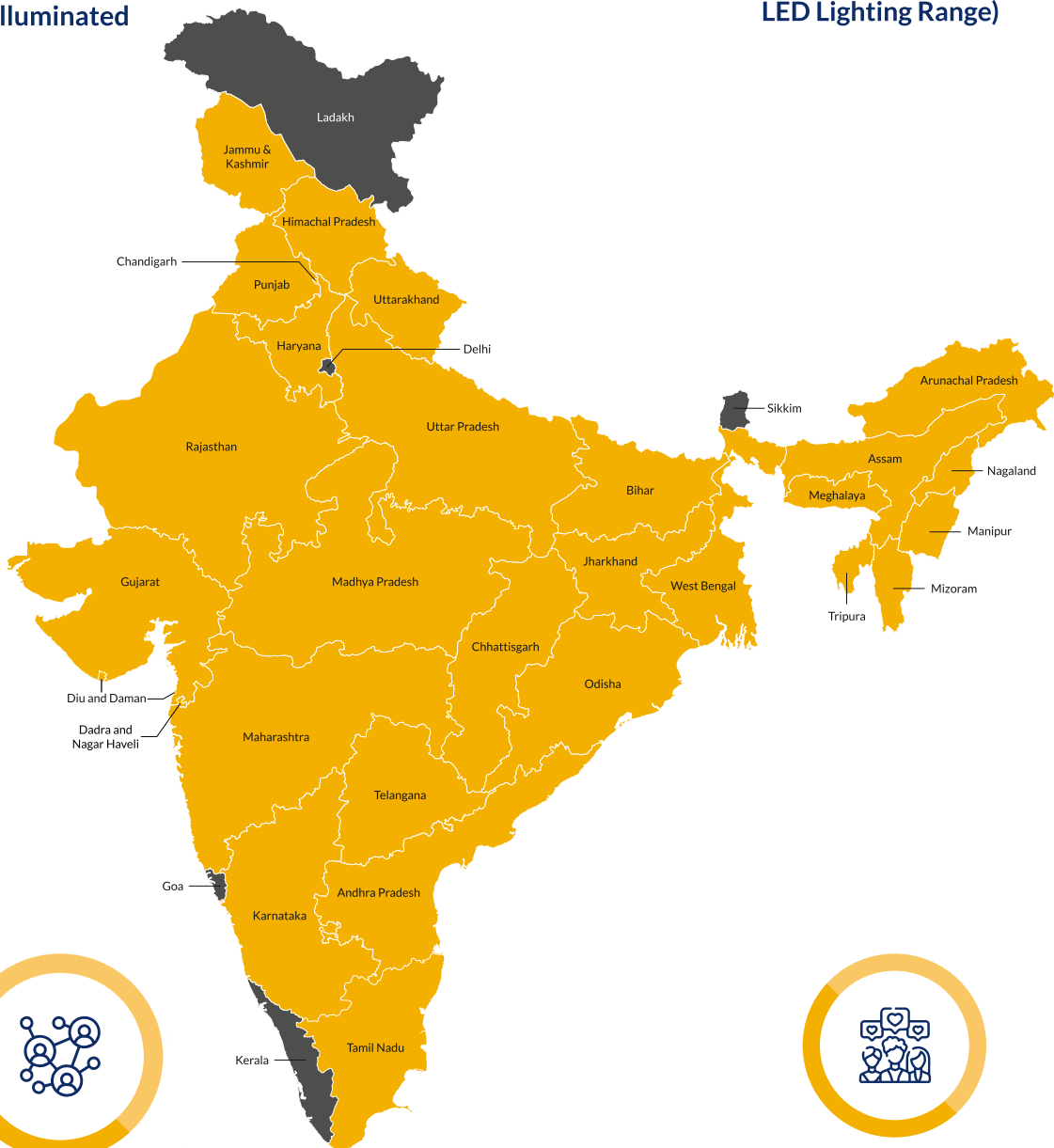
Our Presence



**States & U. T.
Illuminated**



**SKUs (India's Widest
LED Lighting Range)**













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Continuously Growing
Millions Of Customers**

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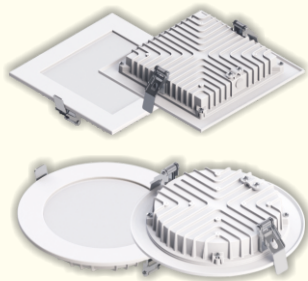
AQUA
CSD50/B
(SQ / RO)



Model No.	Watts	CCT	Outer	Cutout	Lumens at 6500°K	Category
CSD50/B-D-12W	12W	3K 4K 6K	150 mm	125 mm	1200	(B&D)
CSD50/B-D-18W	18W		170 mm	150 mm	1800	
CSD50/B-D-24W	24W		200 mm	175 mm	2400	

Model No.	Watts	CCT	Outer	Cutout	Lumens at 6500°K	Category
CSD50/B-T-08W	08W	2700°K to 6500°K	120 mm	98 mm	800	(B&D) + (W&C)
CSD50/B-T-12W	12W		150 mm	125 mm	1200	
CSD50/B-T-18W	18W		170 mm	150 mm	1800	
CSD50/B-T-24W	24W		200 mm	175 mm	2400	

CSD50
(SQ / RO)



Model No.	Watts	CCT	Outer	Cutout	Lumens at 6500°K	Category
CSD50-D-12W	12W	3K 4K 6K	150 mm	125 mm	1200	(B&D)
CSD50-D-18W	18W		170 mm	150 mm	1800	
CSD50-D-24W	24W		200 mm	175 mm	2400	

Model No.	Watts	CCT	Outer	Cutout	Lumens at 6500°K	Category
CSD50-T-12W	12W	2700°K to 6500°K	150 mm	125 mm	1200	(B&D) + (W&C)
CSD50-T-18W	18W		170 mm	150 mm	1800	

GALAXY+
CSD150
(SQ / RO)



Model No.	Watts	CCT	Outer	Cutout	Lumens at 6500°K	Category
CSD150-D-12W	12W	3K 4K 6K	147 mm	125 mm	1200	(B&D)
CSD150-D-18W	18W		168 mm	145 mm	1800	
CSD150-D-24W	24W		198 mm	175 mm	2400	

Model No.	Watts	CCT	Outer	Cutout	Lumens at 6500°K	Category
CSD150-T-12W	12W	2700°K to 6500°K	147 mm	125 mm	1200	(B&D) + (W&C)
CSD150-T-18W	18W		168 mm	145 mm	1800	

SIGMA LIGHTING
Premium
CSG110
(SQ / RO)



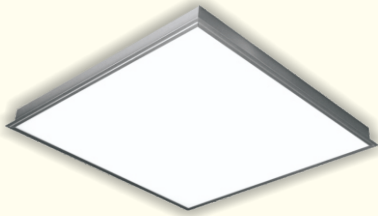
Model No.	Watts	CCT	Outer	Cutout	Lumens at 6500°K	Category
CSG110-D-12W	12W	3K 4K 6K	175 mm	155 mm	1200	(B&D)
CSG110-D-15W	15W		175 mm	155 mm	1500	
CSG110-D-18W	18W		225 mm	205 mm	1800	
CSG110-D-24W	24W (SQ)		299 mm	280 mm	2400	


CSG210
(SQ / RO)



Model No.	Watts	CCT	Outer	Lumens at 6500°K	Category
CSG210-D-12W	12W	3K 4K 6K	165 mm	960	(B&D)
CSG210-D-18W	18W		210 mm	1440	

CSM10
(SQ)



Model No.	Watts	CCT	Outer	Lumens at 6500°K	Category
CSM10-2X2-D-36W	36W	3K 4K 6K	595 mm	3600	(B&D)

Model No.	Watts	CCT	Outer	Lumens at 6500°K	Category
CSM10-2X2-T-36W	36W	2700°K to 6500°K	595 mm	3600	(B&D) + (W&C)

CSM10/B
(SQ)



Model No.	Watts	CCT	Outer	Lumens at 6500°K	Category
CSM10/B-2X2-D-36W	36W	3K 4K 6K	595 mm	3600	(B&D)

Model No.	Watts	CCT	Outer	Lumens at 6500°K	Category
CSM10/B-2X2-T-36W	36W	2700°K to 6500°K	595 mm	3600	(B&D) + (W&C)

DENIM
CSC10/B



Model No.	Watts	CCT	Outer	Cutout	Lumens at 6500°K	Category
CSC10/B-D-10W	10W	3K 4K 5K 6K	95 mm	86 mm	1100	(B&D)
CSC10/B-D-15W	15W		120 mm	110 mm	1650	
CSC10/B-D-20W	20W		120 mm	110 mm	2200	
CSC10/B-D-24W	24W		145 mm	128 mm	2640	
CSC10/B-D-30W	30W		145 mm	128 mm	3300	
CSC10/B-D-36W	36W		160 mm	147 mm	3960	

Model No.	Watts	CCT	Outer	Cutout	Lumens at 6500°K	Category
CSC10/B-T-08W	08W	2700°K to 6500°K	95 mm	86 mm	880	(B&D) + (W&C)
CSC10/B-T-10W	10W		95 mm	86 mm	1100	
CSC10/B-T-15W	15W		120 mm	110 mm	1650	
CSC10/B-T-20W	20W		120 mm	110 mm	2200	
CSC10/B-T-24W	24W		145 mm	128 mm	2640	
CSC10/B-T-30W	30W		145 mm	128 mm	3300	

COTTON+

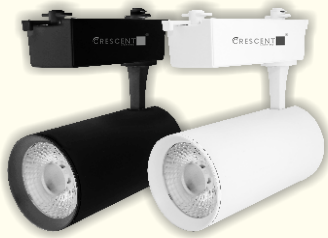
CSC20/B



Model No.	Watts	CCT	Outer	Cutout	Lumens at 6500°K	Category
CSC20/B-D-10W	10W	3K 4K 5K 6K	80 mm	72 mm	1200	(B&D)
CSC20/B-D-15W	15W		93 mm	80 mm	1800	
Model No.	Watts	CCT	Outer	Cutout	Lumens at 6500°K	Category
CSC20/B-T-06W	06W	2700°K to 6500°K	60 mm	56 mm	720	(B&D) + (W&C)
CSC20/B-T-10W	10W		80 mm	72 mm	1200	
CSC20/B-T-15W	15W		93 mm	80 mm	1800	

LASER

CSG80



Model No.	Watts	CCT	Size LxD (mm)	Lumens at 6500°K	Category
CSG80-T-20W	20W	2700°K to 6500°K	143×68	2000	(B&D) + (W&C)
CSG80-T-30W	30W		157×80	3000	

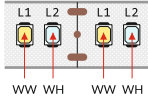
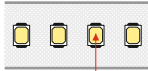
GLORY

CSCL10



Model No.	Watts	CCT	Size LxD (mm)	Lumens at 6500°K	Category
CSCL10-15W	15W	3K 4K 6K	280×70	1350	Microwave Motion Sensor Light
CSCL10-22W	22W		350×75	1980	

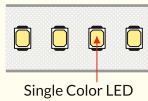
CSA10
Smart LED Strip Light



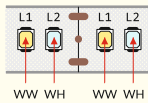
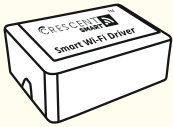
Model No.	LED/Mtr.	Wattage/Mtr.	CCT	Input Voltage	Category
CLS5050/60-12W	60	12W	3K 4K 6K RD GR BL PK AM	12V	(B&D)
CLS2835/120-12W	60	6W	3K 4K 6K RD GR BL PK AM IB		
CLS2835/120-12W	120	12W	3K 4K 6K RD GR BL PK AM		
CLS2835/180-18W	180	18W	3K 4K 6K RD GR BL		
CLS2835/240-18W	240	18W	3K 4K 6K RD GR BL PK AM		

Model No.	LED/Mtr.	Wattage/Mtr.	CCT	Input Voltage	Category
CSA10-2835/192-WW	96WH+96WW	12W	WH + WW	24V	(B&D) + (W&C)

SMART STRIP CONTROLLER

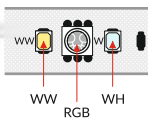
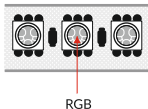


Model No.	Watts	Input Voltage	Used with LED Strip
CSS-12-D-100	100W	12V	12V Single Color LED Strip
CSS-24-D-200	200W	24V	24V Single Color LED Strip



Model No.	Watts	Input Voltage	Used with LED Strip
CSS-12-T-100	100W	12V	12V Dual Color LED Strip
CSS-24-T-200	200W	24V	24V Dual Color LED Strip

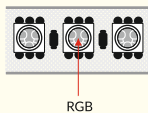
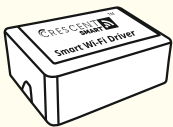
CSA10
Smart LED Strip Light



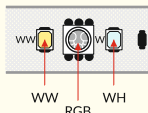
Model No.	LED/Mtr.	Wattage/Mtr.	CCT	Input Voltage
CLS5050/30-12W	30	12W	RGB	12V
CLS5050/60-12W	60			

Model No.	LED/Mtr.	Wattage/Mtr.	CCT	Input Voltage
CSA10-2835/90-RGBWW	30RGB+30WH+WW	12W	RGBWW	24V

SMART STRIP CONTROLLER



Model No.	Watts	Input Voltage	Used with LED Strip
CSS-12-RGB-50	100W	12V	12V RGB LED Strip
CSS-24-RGB-50	200W	24V	24V RGB LED Strip
CSS-12-RGB-100	100W	12V	12V RGB LED Strip
CSS-24-RGB-200	200W	24V	24V RGB LED Strip



Model No.	Watts	Input Voltage	Used with LED Strip
CSS-12-RGBWW-50	100W	12V	12V RGBWW LED Strip
CSS-24-RGBWW-50	200W	24V	24V RGBWW LED Strip
CSS-12-RGBWW-100	100W	12V	12V RGBWW LED Strip
CSS-24-RGBWW-200	200W	24V	24V RGBWW LED Strip

Smart Sensors



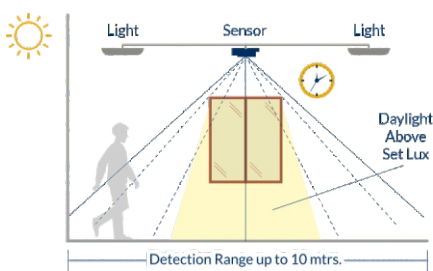
CMS-M1 Microwave Motion Sensor	
Detection Range	360°
Power Source	220-240 V/AC
Rated Load	Max 300W (220-240V/AC)
Detection Distance	1-8m (radius), adjustable
Time Delay	10sec ±3sec to 12min ±1min (adjustable)
Ambient Light	<3-2000 LUX (adjustable)
Size (HxD)	Height 75.4 mm, Ø76.0mm
Installation Height	Up to 3.5 mtr



CMS-M2 Microwave Motion Sensor	
Detection Range	180° / 360°
Power Source	220-240 V/AC
Rated Load	Max 300W
Detection Distance	Wall 5-15 Adjustable, Ceiling 1-8m radius adjustable
Time Delay	10sec ±3sec to 12min ±1min (adjustable)
Ambient Light	<3-2000 LUX (adjustable)
Size (DxLxH)	54.5x39.4x37.2 (mm)
Installation Height	Up to 3.5 mtr

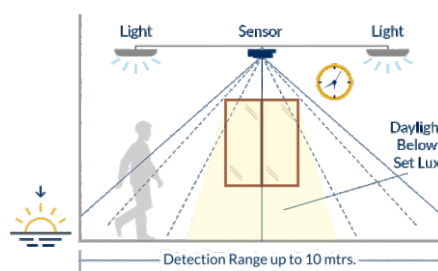


CMS-M6 Microwave Motion Sensor	
Detection Range	360°
Power Source	220-240 V/AC
HF System	5.8 GHz CW radar, ISM Band
Rated Load	Max 300W (220-240V/AC)
Detection Distance	1-8m (radius), adjustable
Time Delay	10sec ±3sec to 12min ±1min (adjustable)
Ambient Light	<3-2000 LUX (adjustable)
Size	Height 24.0 mm, Ø115.0mm



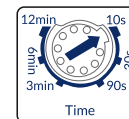
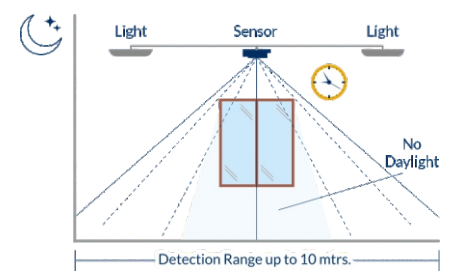
Lux : You can set the ambient lux level below which the light should turn on if motion is detected.

- If the daylight is above required lux and the motion is detected within the detection range the lights are not turned on.



Sens : You can set the detection range from 1 Mtr. to 10Mtrs. using this preset.

- if the motion is detected within the detection range in absence of daylight the lights are turned on.

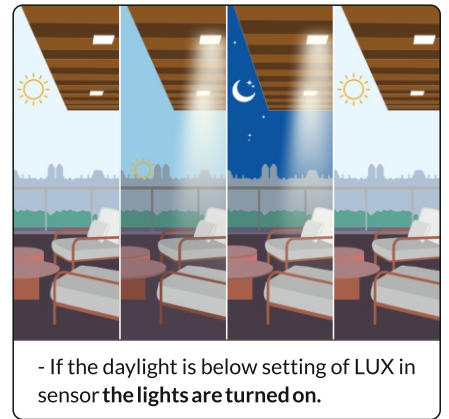
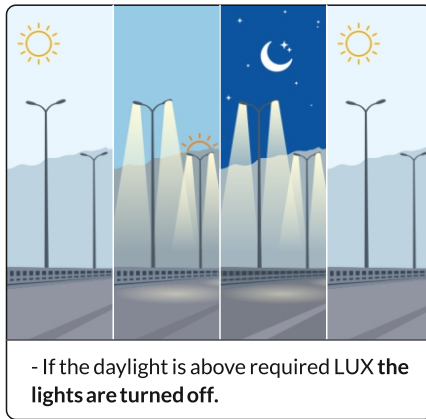
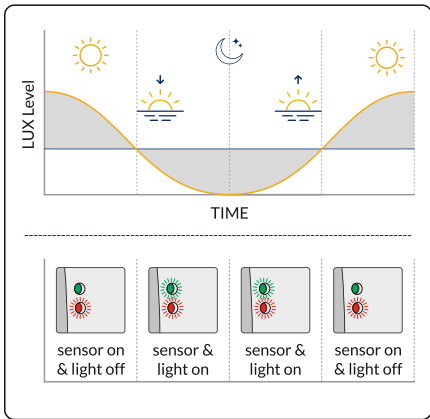


Time : The time period for which the light should remain on after last motion is detected.

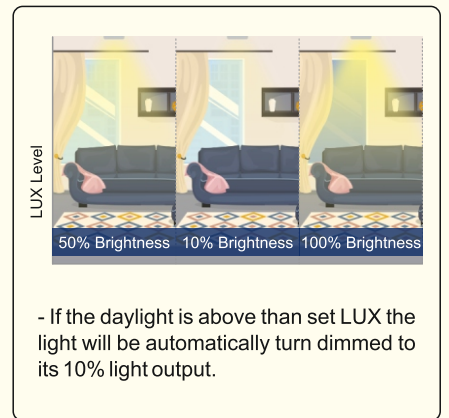
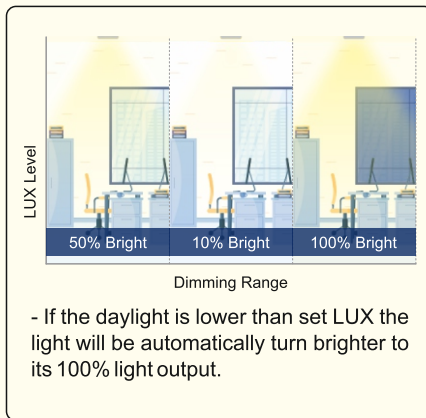
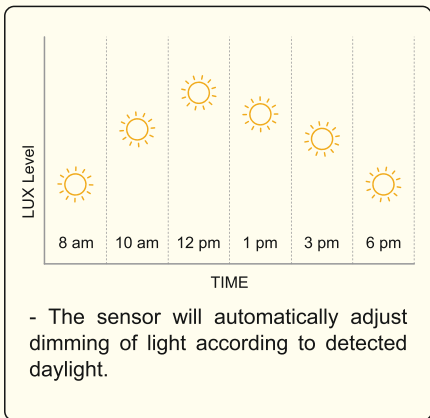
- if there is no motion or daylight below lux is detected within the detection range for set time; the lights are turned off automatically.



CMS-M4 Light Control Switch	
Power Source	220-240 V/AC
Power Frequency	50Hz
Rated Load	300W (220-240V/AC)
Ambient Light	<2-100 LUX (Adjustable)
IP Rating	IP65

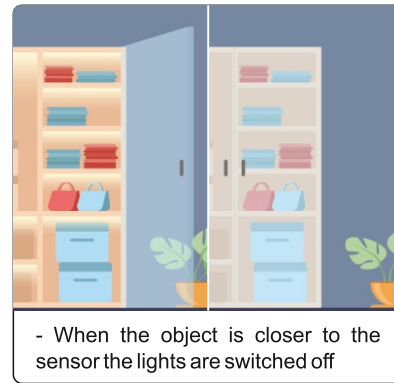
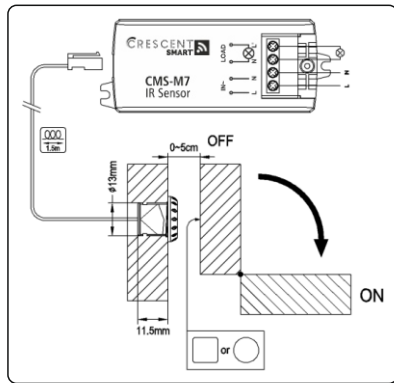


CMS-M5 Day Light Sensor	
Detection Range	360°
Input Voltage	1 to 10 V DC
Output Control	1 to 100%
Conneccion Compatibility	with 1 to 10V Dimmable Drivers
Application	Home and Office Automation





CMS-M7 IR Wardrobe Sensor	
Detection Range	5 - 6 cm
Power Source	220-240 V/AC
Detection Type	IR Sensor
Rated Load	Max 500W
Operaton Temperature	0 - 50°C
Cutout	Ø13mm



PARASMANI

Wi-Fi Smart Plug
CSA30 - 10A & 16A



Turn on AC from mobile app while leaving for home



Share scenario with family to a hassle free operation



Schedule and repeat on / off time of water pump for automated operation



Turn on / off living room lamp with voice command through voice assistant



Set timer to prevent over charging of the devices like laptop, mobile, etc.

IR Blaster

CSA20



Turn all of your IR device smart with Crescent Smart IR Blaster



Set Schedule for IR electric curtain to automated operation



Increase or decrease temperature or turn on / off AC from mobile through Crescent Smart App



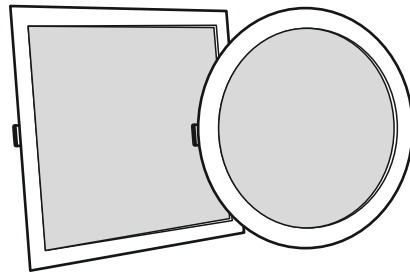
Change channel or Increase, decrease volume through voice command on set top box with voice assistant

Smart LED Panel Driver



Installation Note

- For Indoor Use Only
- No additional wiring, no additional communication equipment required
- 2.4 Ghz Wi-Fi Internet connection is mandatory



Model	Watts	Input Voltage	Output Voltage	Output Current	PF
CDS-D-PANEL 10-15W	10 - 15W	240V AC, 50Hz	30 - 50V DC	300mA	≥ 0.95
CDS-D-PANEL 18-24W	18 - 24W	240V AC, 50Hz	50 - 80V DC	300mA	≥ 0.95
CDS-D-COB-PANEL 36W	36W	240V AC, 50Hz	30 - 40V DC	850mA	≥ 0.95



Model	Watts	Input Voltage	Output Voltage	Output Current	PF
CDS-T-PANEL 10-15W	10 - 15W	240V AC, 50Hz	30 - 50V DC	300mA	≥ 0.95
CDS-T-PANEL 18-24W	18 - 24W	240V AC, 50Hz	50 - 80V DC	300mA	≥ 0.95
CDS-T-COB-PANEL 36W	36W	240V AC, 50Hz	30 - 40V DC	850mA	≥ 0.95



App Control Using Wi-Fi



Crescent Smart App Available on



Voice Commands Enabled Through

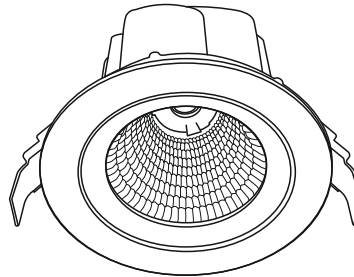


Smart COB Driver



Installation Note

- For Indoor Use Only
- No additional wiring, no additional communication equipment required
- 2.4 Ghz Wi-Fi Internet connection is mandatory



Model	Watts	Input Voltage	Output Voltage	Output Current	PF
CDS-D-COB 10W	10W	240V AC, 50Hz	30 - 40V DC	240mA	≥ 0.95
CDS-D-COB 15W	15W	240V AC, 50Hz	30 - 40V DC	400mA	≥ 0.95
CDS-D-COB 20W	20W	240V AC, 50Hz	30 - 40V DC	500mA	≥ 0.95
CDS-D-COB 24W	24W	240V AC, 50Hz	30 - 40V DC	600mA	≥ 0.95
CDS-D-COB 30W	30W	240V AC, 50Hz	30 - 40V DC	700mA	≥ 0.95
CDS-D-COB-PANEL 36W	36W	240V AC, 50Hz	30 - 40V DC	850mA	≥ 0.95



Model	Watts	Input Voltage	Output Voltage	Output Current	PF
CDS-T-COB 06W	06W	240V AC, 50Hz	20 - 30V DC	250mA	≥ 0.95
CDS-T-COB 10W	10W	240V AC, 50Hz	30 - 40V DC	220mA	≥ 0.95
CDS-T-COB 15W	15W	240V AC, 50Hz	30 - 40V DC	400mA	≥ 0.95
CDS-T-COB 20W	20W	240V AC, 50Hz	30 - 40V DC	500mA	≥ 0.95
CDS-T-COB 24W	24W	240V AC, 50Hz	30 - 40V DC	600mA	≥ 0.95
CDS-T-COB 30W	30W	240V AC, 50Hz	30 - 40V DC	700mA	≥ 0.95
CDS-T-COB-PANEL 36W	36W	240V AC, 50Hz	30 - 40V DC	850mA	≥ 0.95



App Control Using Wi-Fi



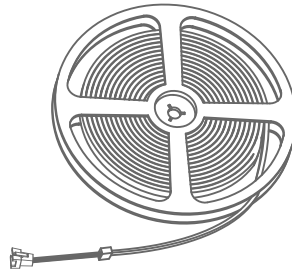
Crescent Smart App Available on



Voice Commands Enabled Through

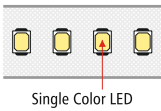


Smart LED Strip Controller



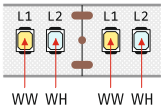
Installation Note

- For Input : Red +ve, Black -ve
- For Output : Please check wiring details on the controller
- 2.4 Ghz Wi-Fi Internet connection is mandatory



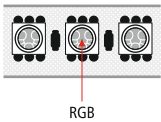
Single Color LED

Model	Watts	Input Voltage
CSS-12-D-100	100W	12V
CSS-24-D-200	200W	24V



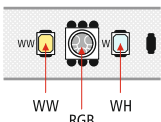
WW WH L1 L2

Model	Watts	Input Voltage
CSS-12-T-100	100W	12V
CSS-24-T-200	200W	24V



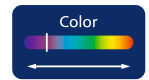
RGB

Model	Watts	Input Voltage
CSS-12-RGB-50	50W	12V
CSS-24-RGB-50	50W	24V
CSS-12-RGB-100	100W	12V
CSS-24-RGB-200	200W	24V



WW RGB WH

Model	Watts	Input Voltage
CSS-12-RGBWW-50	50W	12V
CSS-24-RGBWW-50	50W	24V
CSS-12-RGBWW-100	100W	12V
CSS-24-RGBWW-200	200W	24V



App Control Using Wi-Fi



Crescent Smart App Available on



Voice Commands Enabled Through

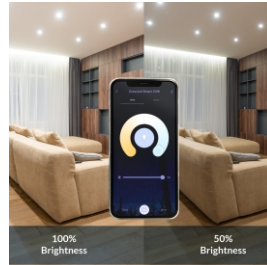


CRESCENT SMART LIGHTING BENIFITS



White Tunable

Tune light between Cool White & Warm White to create ambience as per the moment.



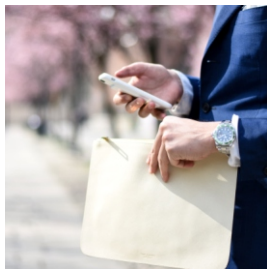
Dimmable & Energy Saving

Save more energy by adjusting brightness of lights between 100% to 10% as per your need.



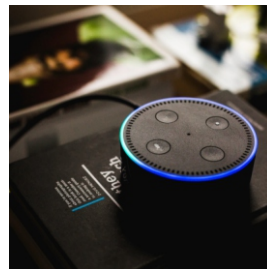
Grouping

Grouping lights to operate them together. Turn off or on all lights together by creating a single group.



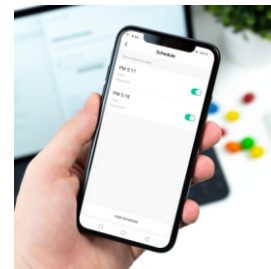
Control from Anywhere

Forgot to turn off your lights? Now control lights from anywhere in the World with CRESCENT SMART app



Voice Control

Conveniently control lights with your voice using Amazon Alexa and Google Assistant.



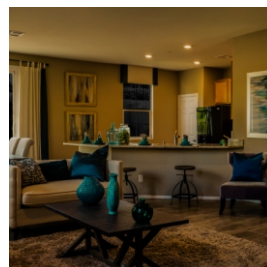
Create Schedules

Set automatic schedules for turning on and off light as per requirement. Schedule lights to turn on at 6:00 AM



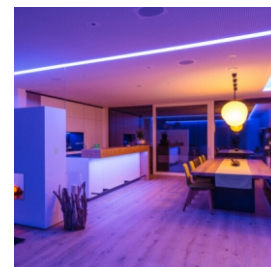
Faster Response Time

CRESCENT SMART solution is entirely based on the idea of connecting multiple devices with one Hub, rather than one Device and one Hub. Therefore this feature reduces your Internet load, resulting in a faster response time and a seamless communication.



Set the Scene

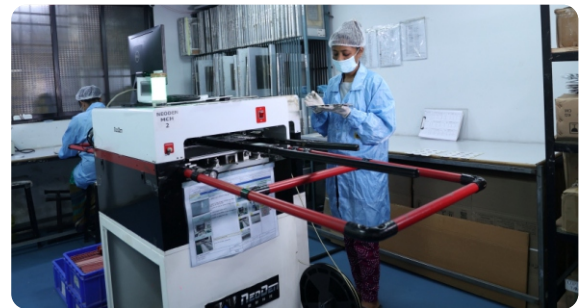
Choose from a variety of scenes or create your own to personalise. Create a theatre scene for movie night, a Party scene with bright, colourful light, and a candlelit scene that creates warm, low lighting.



Choose from over 1 million colours

Choose from any hue in the rainbow and change the colour of your CRESCENT SMART lights within seconds.

Manufacturing Facilities

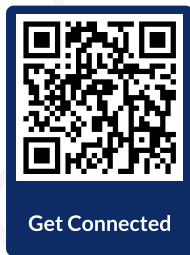


In-house Injection Moulding Facility



In-house Driver Manufacturing Facility





MADE IN INDIA

CRESCENT OPTO PVT. LTD.

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