SNOWBALL
LIGHTING INCORPORATED

DESCRIPTION

SB-CD-RD,wireless CCT Adjustable & Dimmable panel Light can s upport 100ft as remote control distance, control a single panel or whole floor with one handheld remote control or wall remote control. Communicates through walls with the radio frequency (RF) of 2.4GHZ,

LED Luminaries, utilizing an aluminium frame, 0.31" ultrathin side emitting design and high transmittance light guide plate, provides uniform light distribution with colour temperature consistency. All size options are both energy efficient and aesthetically pleasing.

The SB-CD-RD LED series was designed for offices, hallways, general area lighting, conference rooms and lobbies.

Model: SB-CD2X4FT-50W-RD
2.4G RF Wireless Adjustable CCT and Dim Flat Panel

| 3000K 5000K CCT Tunable | DIMMABLE | Non Flicker | CRI > 80 PF > 0.95 | 5 years Warranty | DLC | c(UL)us LISTED |

OVERVIEW:

- Efficiency: Up to 110 LPW
- Delivered Lumens: Up To 5,500 lumens
- Input Power: 2'X4' 50W
- CCT: 3000K-5000K
- UL/cUL, DLC, Damp Location Listed

- CRI: > 80
- Input Voltage: 2.4G RF dim 100-277v or 120-347V, EM available
- Limited Warranty: 5Years, 50,000-hour
- Operating temperature: -20°C to 50°C
- Power factor > 0.95

SPECIFICATION FEATURES

Construction
High-grade aluminum frame. Isolated driver box, ultrathin design and long life SMD chips.

Thermal Management
The SB-CD-RD series frame is constructed of high-grade aluminum acting as a large surface area heat sink that greatly improves heat dissipation and performance.
. This enables the Luminaries to withstand higher ambient temperatures without degrading LED life.

Controls
CCT adjustable & dimmable panel light can support 100ft as remote control di stance, control a single panel or whole floor with one handheld remote control or wall remote control. Communicates through walls with the radio frequency (RF) of 2.4GHZ

Electrical
LED driver and related electrical components are hard wired and mounted to the housing for optimal heat sinking and operating efficiency. 2.4G RF dim 120-277V Universal standard, or 347V 50/60Hz, 0. Operating temperature range of -20°C to 50°C

Mounting Options
* The SB-CD-RD series flat panel fixtures can be mounted in standard T-bar frame.
* Surface mount or suspension kits are available.

Compliance
cULus listed for Damp location
 -20°C- 45°C, -40°F to 122°F Fcc listed, RoHS compliant and LED modules comply with IESNA LM-79 and LM-80 standards.

Finish
With a minimum of 3-5 millimeter thickness. Finish is oven-baked at 400 °F to promote maximum adherence and finish hardness Fixtures comes in standard white or silver. Custom colors are available.
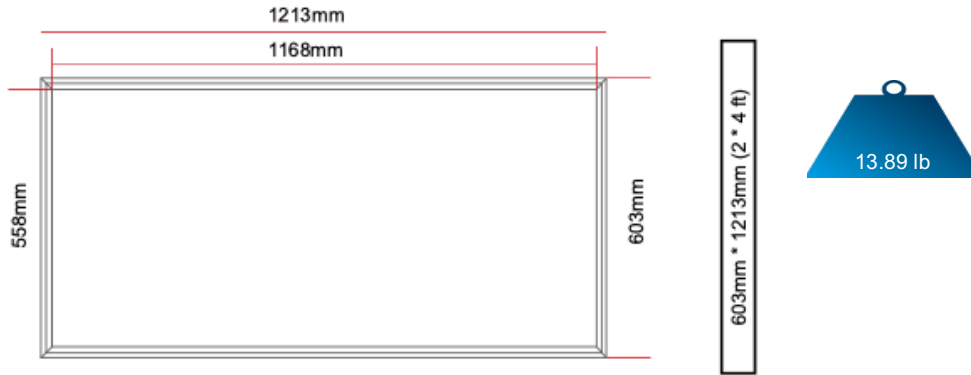
Warranty
5-year limited warranty.

Optics
120˚ beam angle is perfect for uniformity.

DIMENSION

13.89 lb

MODEL SELECTION: **Example: SB-CD2X4FT-50W-RD**

Products series	Wattage	Type
SB-CD2X4FT	50W	*RD=Wireless dimmable & color adjustable

LUMEN OUTPUT

Wattage ±10％	Kelvin±10％	Lumen ±10％
50W	3000K-5000K	5500

ACCESSORY ORDERING:

ACCESSORY ITEMS	MODEL NUMBER	DESCRIPTION
OPTIONS	SB-CR-R+Holder	Handheld Remote Control Four Zone Capability
	SB-CR-W	Wireless Wall Control
	SB-PM 2x4FT	2X4FT flat panel Surface Mounting Kit
	SB-PSC3	Drywall Hanging Kit 3pcs/set for 1x4, 2x4
	SB-EBP/5W/B	Factory installed Remote Emergency Battery Pack 5w 90 minutes
	SB-EBP/10.7W/B	Factory installed Remote Emergency Battery Pack 10.7w 90 minutes
	SB-CR-R +Holder	Handheld remote control with remote holder
	SB-CR-W	Wall remote control

SB-CR-R+Holder

2.4G Wireless Dimming & CCT Tunable Remote Controller

THE HANDHELD REMOTE CONTROLLER

ON OFF	**ON** Turn on **OFF** Turn off Handheld remote controller cannot be used directly as a switch, it should be used together with the switch.
ID	**Matching code for light** Long pressing the button "ID" to keep remote controller's indicator always on, then turn on the light, release the button"ID" after the light flash twice,matching code finished. Matching code for several lights at the same time is available.
ID + ▼	**Release the code and disconnect light from remote controller** Keep pressing the button ID + ▼ together, then turn on the light to finish releasing the code on the lights.
1 2 3 4	**Group selecting button** Grouping Lights(need to finish matching code firstly)Turn off lights, keep pressing the group selecting button for 3s, then turn on light to finish grouping.
Save	**Save button** Long pressing the button "Save"to keep current brightness and color temperature. Turn off lights then turn on, recover the previous color temperature and brightness.
ALL	**All Groups are selected**

Color temperature selecting/saving
After selecting the color temperature, press the button "OFF" then turn on the light to save the color temperature.

5000K	5000K	3500K	3500K
4000K	4000K	3000K	3000K
25%	25% brightness	75%	75% brightness
50%	50% brightness	100%	100% brightness
▲	Increase brightness	◀	Decrease color temperature
▼	Decrease brightness	▶	Increase color temperature

* After turned on, the light will automatically detect the 0-10v dimmer to set brightness,it will get 100% brightness if no dimming signal to input the light.

* If use 0-10V dimmer to control, light brightness will convert to 0-10V dimmer's current setting brightess.

* If use remote controller to control, light brightness will only change from its current brightness rather than remote controller's current setting brightness.

SNOWBALL
LIGHTING INCORPORATED

SB-CR-W

ON OFF	**ON** Turn on **OFF** Turn off Wall-type remote controller cannot be used directly as a switch, it should be used together with the switch.
ON	Long pressing the button "ON" to keep current brightness and color temperature. Turn off lights then turn on, recover the previous color temperature and brightness.
ON + OFF	**Lights code matching combination keys** Pressing the buttons "ON" + "OFF" simultaneously to keep remote controller's indicator light always on, turn on the light for 2 Seconds then loosen the combination keys, matching code finished. Matching code with many lights at the same time is available.
A	**Brightness adjustment**
CCT	Press the CCT button, color temperature will circularly change among 3000K /3500K/4000K/5000K. After shutting down it will save the current color temperature.

⚠️ Remote control should match code with lamps seperately, after the hand-hold remote control coding is completed, if using the wall-type remote control to code again, it will replace the code of handheld remote control, then changing into a seperate control of the wall-type remote control.

The matching method of hand-hold remote controller and wall-type remote controller

NO	Grouping	Hand-hold controller	Wall-type controller
1	1	1 + ID	ON+CCT
2	2	2 + ID	ON+CCT
3	3	3 + ID	ON+CCT
4	4	4 + ID	ON+CCT
5	ALL	ALL + ID	ON+CCT

* After 10 Seconds of each operation, it will enter the standby power saving mode. If you need to adjust again, please press the ON button, it works after the indicator flashes.