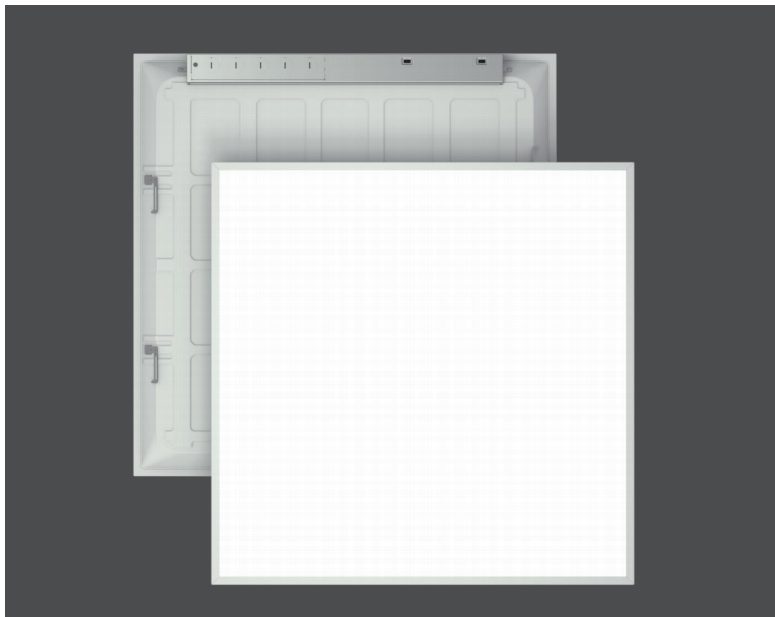


LED BACK-LIT PANEL

[CPS 3C3W&5C5W SERIES]



Features

- 25 in 1 (5CCTs and 5 wattages selectable), less SKU.
- Back-lit emitting, PMMA lens.
- Frame-less and screw-less. Cost-effective.
- Easy plug in sensor, NLC 5.0 Listed, PIR/Microwave/Bluetooth Sensor optional.
- Integrated earthquake hook, recessed and suspension installation supportable.
- Factory or Field Install EB available, 90 mins backup time, Integrated test button, easy installation.

SPECIFICATION

CONSTRUCTION

- steel die-formed back-cover&frame, screw-less.

OPTICS

- PMMA lenses over LEDs, PS diffuser.
- 3CCT: 3500K-4000K-5000K, SDCM<5
- 5CCT: 3000K-3500K-4000K-5000K-6500K, SDCM<5
- 120° Beam angle

ELECTRICAL

- 0-10VDC Dimming (5%-100%)
- 120-277VAC or 120-347VAC Input
- PF:>0.9, THD:<20%

NETWORKED LIGHTING CONTROLS

- QPL Name: Sharkward, Product ID: NSHRKWR20ZP

WARRANTY

- 5 Years

INSTALLATION

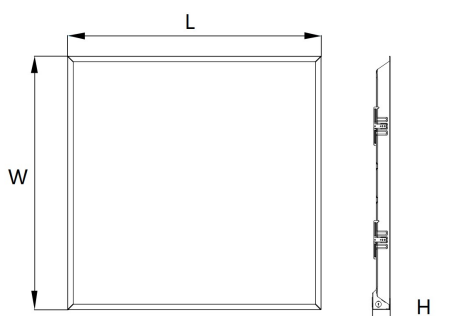
- Recessed in T-bar grid ceiling with integral earthquake clips for secure attachment enclosure
- Surface mount and suspension mount cable kit accessories available

CERTIFICATIONS

- UL Listed for Damp Locations
- DLC PREMIUM
- IC Rated for insulated ceilings
- 0°C to 35°C (32°F to 95°F)
- RoHS, FCC



DIMENSIONS



Size (FT)	LxWxH
2x2	23.74"x23.74"x1.65"
1x4	47.76"x11.93"x1.65"
2x4	47.76"x23.74"x1.65"

MORELUX LIGHTING LIMITED

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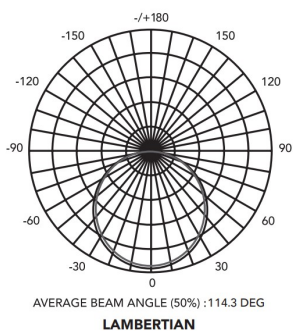
PRODUCT SERIES	SIZE	VOLTAGE	EFFICACY	WATTAGE	CRI	SENSOR OPTION	EB DRIVER OPTION	5C5W
CPS	22	U	P	40	80	Blank	EB	5C5W
CPS	22	U=120-277V H=120-347V	P=Premium (125lm/w)	Rated:40W	80	Blank=Without sensor P=with PIR Sensor M=with Microwave Sensor B=with Bluetooth Sensor L=with Bluetooth+ PIR Sensor	Blank = without Emergency Backup EB=with Emergency Backup	Blank= 3 Power &3 CCT Selectable 5C5W= 5 Power &5 CCT Selectable
	14			Rated:40W	80			
	24			Rated:50W	80			
				Rated:65W	80			

PARAMETER

MODEL NUMBER	SIZE (FT)	VOLTAGE (V)	WATTAGE (W)	EFFICACY (LPW)	LUMEN (LM)	CCT (K)	WEIGHT (lbs)
CPS-22-X-P-40-80-W-Y	2' x 2'	120-277V 120-347V	20/30/40	125	2500/3750/5000	3500K 4000K 5000K	
CPS-14-X-P-40-80-W-Y	1' x 4'		20/30/40	125	2500/3750/5000		
CPS-24-X-P-50-80-W-Y	2' x 4'		30/40/50	125	3750/5000/6250		
CPS-22-X-P-40-80-W-Y -5C5W	2' x 2'	120-277V 120-347V	20/25/30/35/40	125	2500/3125/3750/ 4375/5000	3000K 3500K 4000K 5000K 6500K	
CPS-14-X-P-40-80-W-Y -5C5W	1' x 4'		20/25/30/35/40	125	2500/3125/3750/ 4375/5000		
CPS-24-X-P-50-80-W-Y -5C5W	2' x 4'		30/35/40/45/50	125	3750/4375/5000/ 5625/6250		
CPS-24-X-P-65-80-W-Y -5C5W			30/40/50/60/65	125	3750/5000/6250/ 7500/8125		

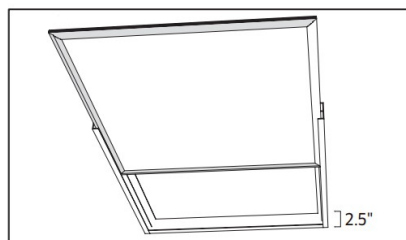
Note:X can be U/H,W can be Blank/P/M/B/L,Y can be Blank/EB.

PHOTOMETRY



MOUNTINGS/ACCESSORIES

SURFACE MOUNT KITS

**DP-SMF-14-W**

1x4 Surface Mount Kit, White

DP-SMF-24-W

2x4 Surface Mount Kit, White

DP-SMF-22-W

2x2 Surface Mount Kit, White

SENSOR OPTIONAL



Plan A : headphone plug type connect (plug and play)

Field install Steps

Step 1:

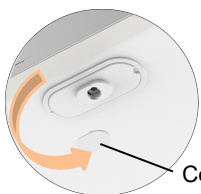
Remove the headphone jack cover Plate by turning it counterclockwise;

Step 2:

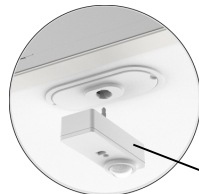
Align the sensor headphone plug with the headphone jack and insert it;

Step 3:

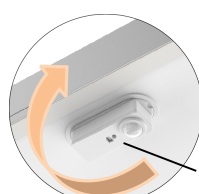
Complete installation by turning the sensor clockwise into position;



Step 1



Step 2



Step 3

Cover plate

Sensor

Sensor

Plan B : Pair male and female terminals type connect

Field install Steps

Step 1:

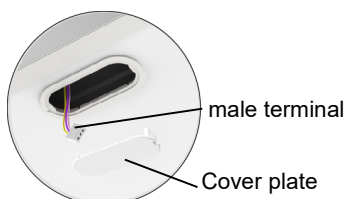
Remove the cover plate that holds the male terminal and remove the male terminal from the cover plate;

Step 2:

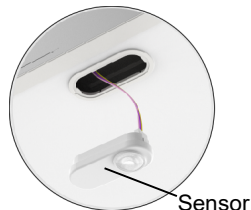
Insert the male terminal into the female terminal on the back of the sensor;

Step 3:

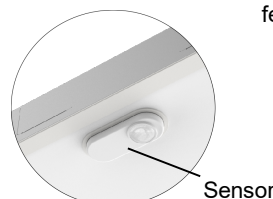
Insert the sensor connected to the male and female terminals into the mounting holes;



Step 1



Step 2



Step 3

male terminal

Cover plate

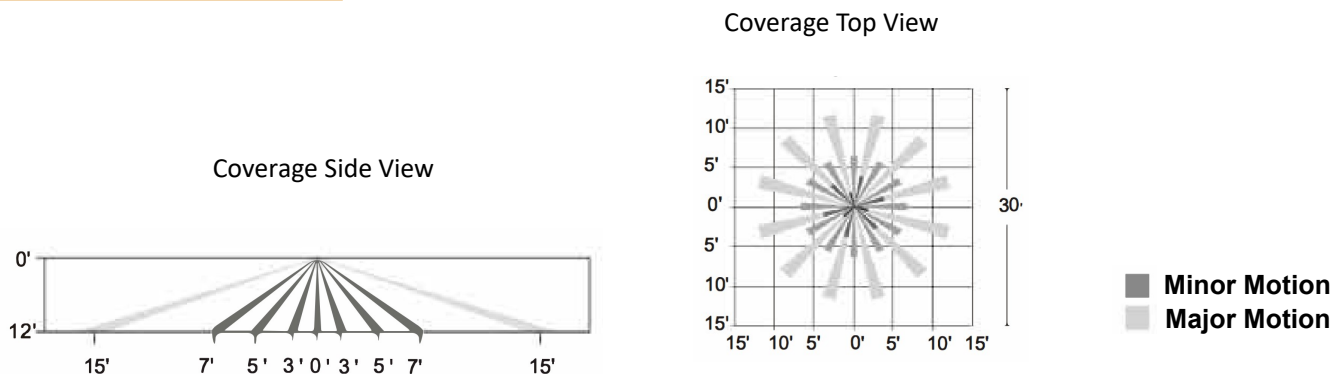
Sensor

Sensor

SPECIFICATIONS

Plan	Plan A	Plan B
Brand	SHARKWARD	SHARKWARD
Name	PIR Motion Sensor	PIR Motion Sensor
Model Number	ANT-1P-4T	ANT-15P
Power supply	12-24Vdc.>50mA	10-14Vdc.>50mA
Dim control output	0-10V,Max.25mA sinking current	0-10V,Max.25mA sinking current
Mounting height	12ft(4m)Max	12ft(4m)Max
Detection angle	360°	360°
Operating temperature	-20℃-60℃	-20℃-60℃
IP Rating	IP20	IP20
Bluetooth Control	Yes(optional)	Yes(optional)
Daylight Harvesting	Yes	Yes
Networked Lighting Controls	Yes	Yes
Product ID	NSHRKWR20ZP	NSHRKWR20ZP

COVERAGE PATTERNS



! WARNING

NOTE: Warm up time is 40seconds. After the sensor connects input power first time, the light will keep on 40seconds, then go to dimming to work normally.

NOTE: Factory Default Setting: 100% sensitivity, Hold on time: 5min, Daylight sensor is ☀
Dimming level: 30%, Dimming time: 30minutues.

NOTE: Any setting changed by remote control, the led light that sensor connect will on/off as confirm.

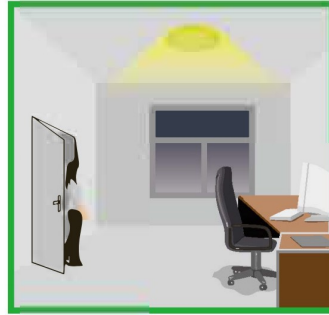
DIMMING FUNCTION



This function inside the motion sensor to achieve tri-level control, for some areas which require a light change notice before switch-off. The sensor offers 3 levels of light: 100%-->dimmed light (natural light is insufficient) -->off; and 2 periods of selectable waiting time: motion hold-time and stand-by period; Selectable daylight threshold and freedom of detection area



With sufficient natural light, the light does not switch on when presence is detected.



With insufficient natural light, the sensor switches on the light automatically when presence is detected.



After hold-time, the light dims to stand-by level if the surrounding natural light is below the daylight threshold.



Light switches off automatically after the stand-by period elapses.

DAYLIGHT HARVESTING FUNCTION (ONLY BY USING RC100 REMOTE CONTROL)

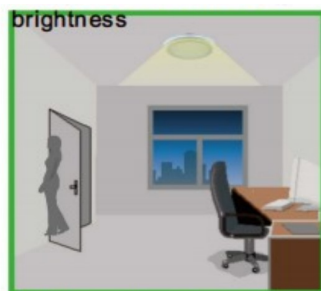
Open the daylight harvesting function only by choosing “” button when remote control is in setting condition. Memory and maintain current ambient brightness.



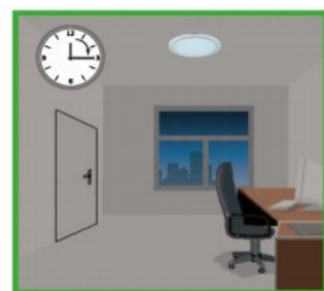
When the natural light is insufficient or dark, movement is detected and the light will turn on 100% brightness



The light turns on at full or dims to maintain the lux level. The light output regulates according to the level of natural light available



When the natural light is insufficient or dark, movement is detected and the light will turn on 100% brightness



The light switches off completely after the stand-by period

Setting on this demonstration:

BRIGHTNESS:100%

SENSITIVITY: 100%

HOLD TIME:30MIN

DAYLIGHT SENSOR: 

STAND BY DIM: 30%

STAND BY TIME: 1MIN



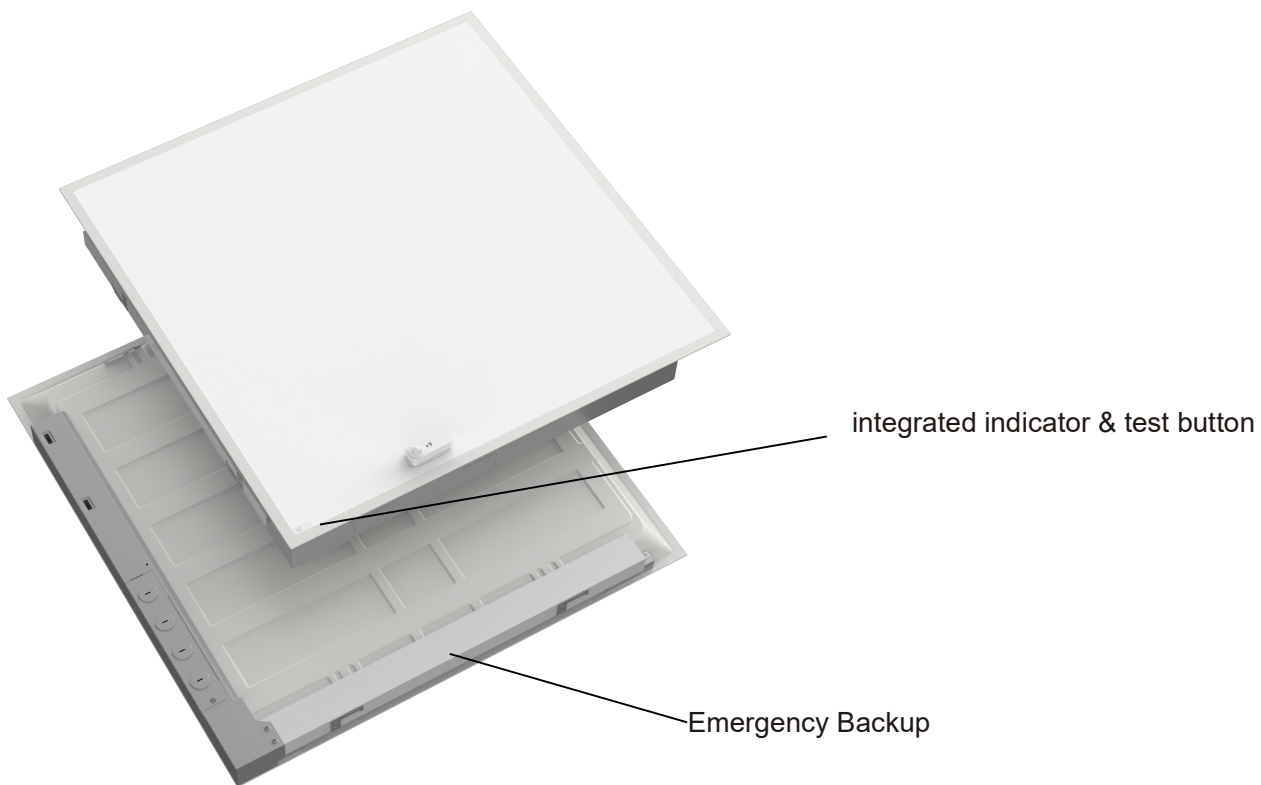
REMOTE CONTROL RC-100



DAYLIGHT HARVESTING FUNCTION SETTING BY REMOTE CONTROL RC-100

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Advantages

1.CERTIFIED FOR CEC TITLE 20

CEC compliant ,High Efficiency Performance meets CA Title 20 battery charger efficiency standards

2.CONSTANT POWER OUTPUT

Constant wattage delivery maintains illumination for the full emergency runtime with no degradation

3.EASY WIRING

With integrated indicator & test button, without complex wiring. without additional electrical whips and junction boxes.

4.STRONG COMPATIBILITY

Perfect emergency solution for 0-10V dimmable commercial indoor LED luminaires up to 100W

5.SAFE AND RELIABLE

LiFePO4 battery, stable, high temperature resistance, cycle charge times more than 1000 times, can meet the requirements of more than 5 years

TECHNICAL DATA

Brand	STREAMER
Model Number	STB35FA-09LFP4S1PA
Input	120-277VAC,50/60Hz,5W,0.1A
Output	120-200VDC,Constant Power 8W
Power factor	0.6@100VAC,0.5@277VAC
Charging time of the battery	24 Hours
Emergency time	90 min
battery	LiFePO4 ,12.8V,1600mAh,20.48Wh
battery cycle charge times	1000 cycle charge times
Operating Temperature Range	0℃-60℃
Lifetime	5 years

EMERGENCY LUMENS

2x2 SKU PANEL	1100-1200LUMENS
2x4 SKU PANEL	1100-1200LUMENS
1x4 SKU PANEL	1100-1200LUMENS

TEST SWITCH& LED INDICATOR

Test switch:

- Emergency conversion Kit will go into emergency mode if test switch is pressed when main supply is on. while it will go into charging mode if test switch is not pressed.
- in emergency mode, press the test switch for 3 seconds to turn off the current emergency state.

LED indicator:

- Red stable: charging mode or charging full.
- Red off : main power off or discharging mode.
- Red flash: 0.5 second fast flash- represents failure.
- 2 second slow flash- represents low battery voltage and needs recharging