

tLight Slim Panel Lighting Fixture with Emergency Battery Backup & Motion Security Sensor

Our advantages:

- Full ranges of products are available:
 - Size: from ø5.5" to 48"
 - All type of shapes: Round, Square, Rectangle, Oval
 - Surface Mount and Recessed versions available
 - 120 and 12—277 versions available
 - Single CCT and Switchable CCT version available
 - Damp and Wet locations version available
- Multi Decorative Frames, and Pendant kits are available
- Optional Emergency Battery Backup are available.
- Optional Microwave Motion Sensors are available
- Energy Star, CEC/JA8 listed , dimmable
- 5 years warranty for fixtures and 3 years warranty for battery
- Easy Installation, does not require extra Emergency power wiring, any fixtures can be built with emergency features.

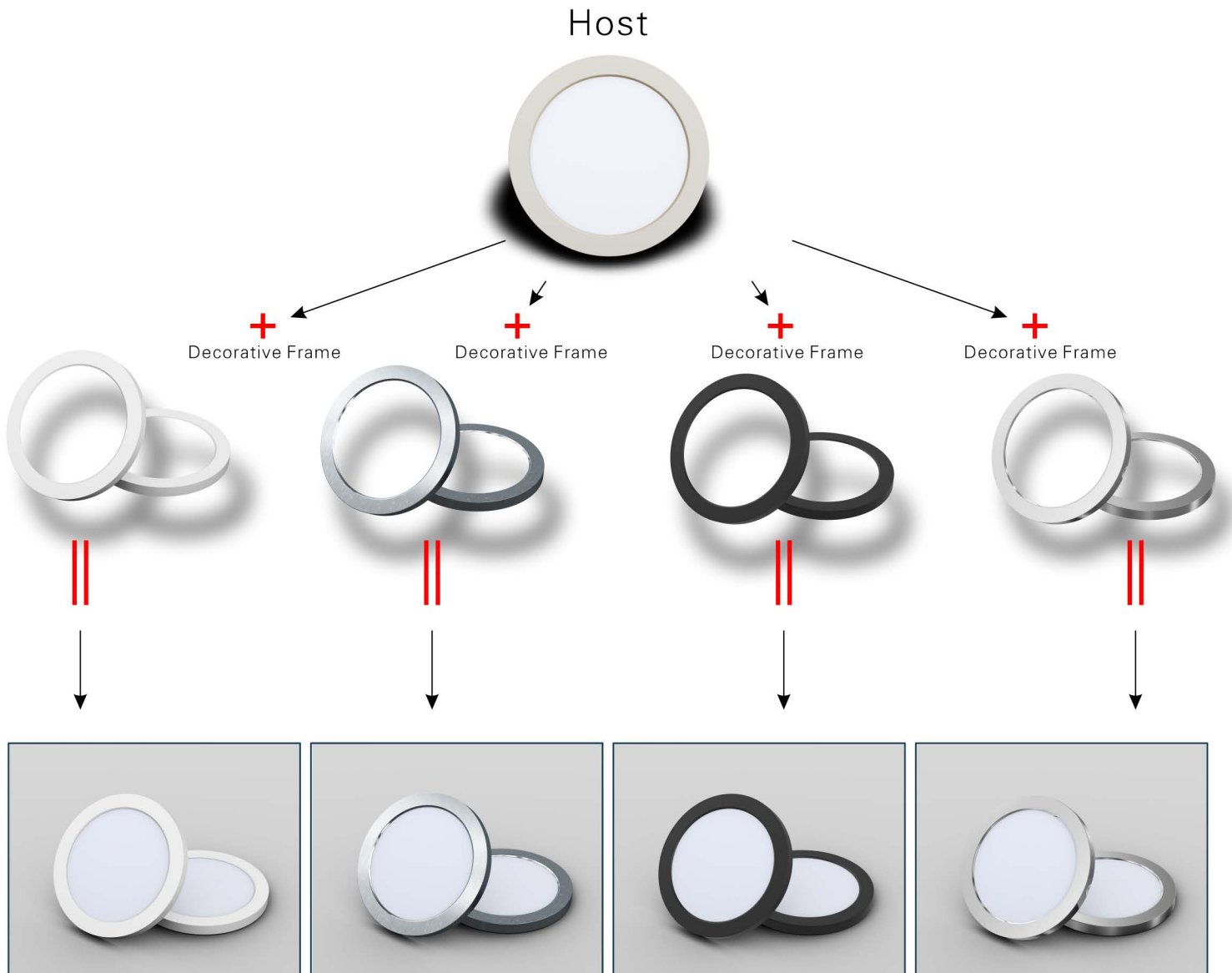
Finish available:

- Chrome (CH), Brushed Nickel (BN), White (WH), Black (BK), Dark Bronze (DB)



Round Design Series

(Downlight Range)



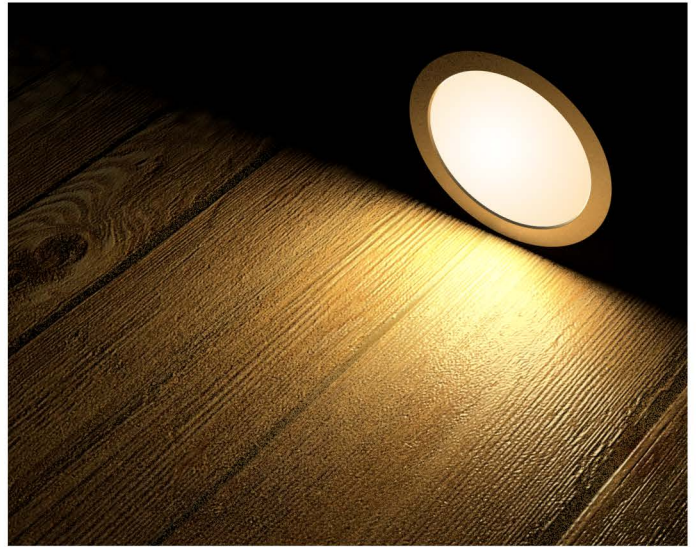
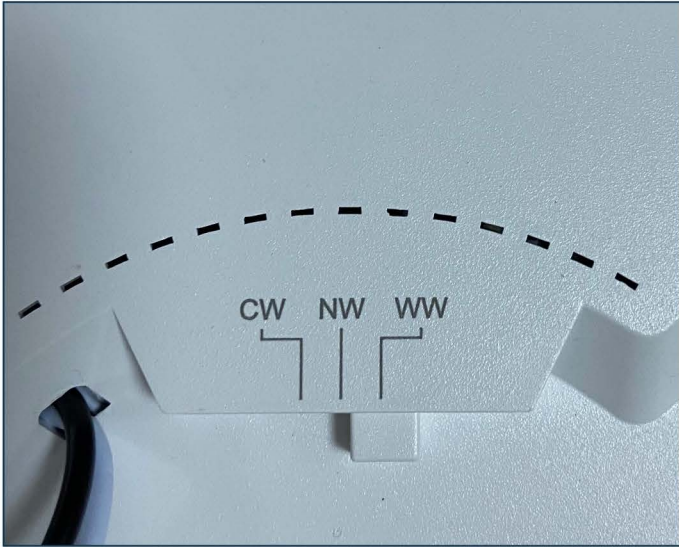
Free collocation to reduce inventory

A host with four colors, you can freely DIY switch different decorative color rings according to your own preferences

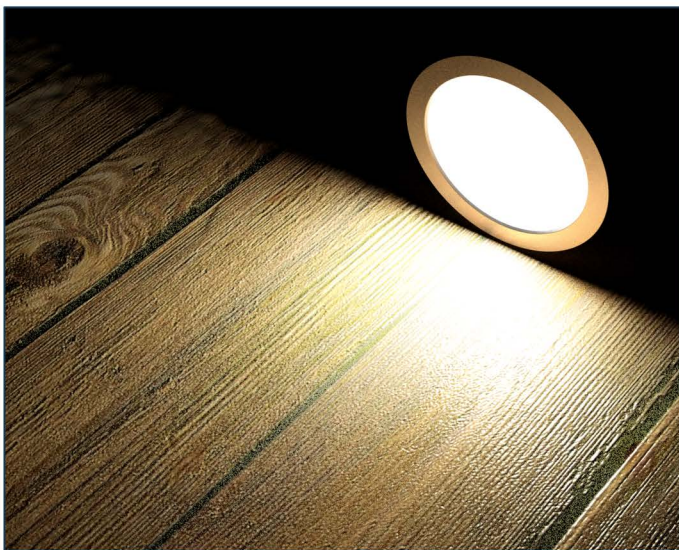
Only need to stock a host, equipped with a part of the four-color decorative rings, and then adjust the number of decorative color rings according to the sales situation, which can greatly reduce the inventory of the lamps and increase the working capital.

Multiple color temperature adjustable

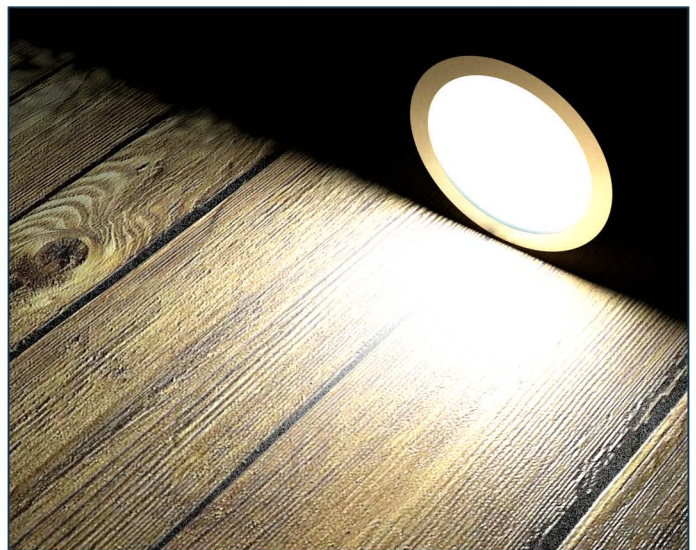
One lamp, multiple color temperature adjustable



3000K



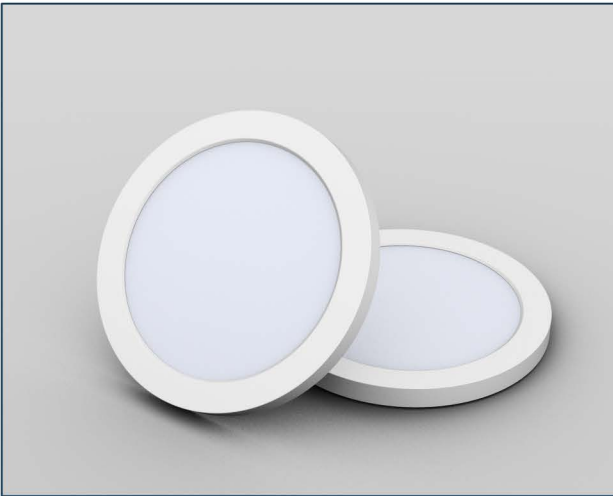
4000K



5000K



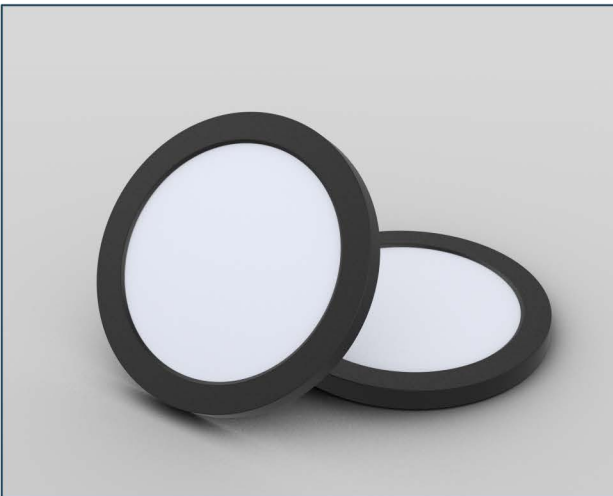
A variety of color free choice



White (WH)



Brushed Nickel (BN)



Matt Black (BK)



Chrome (CH)

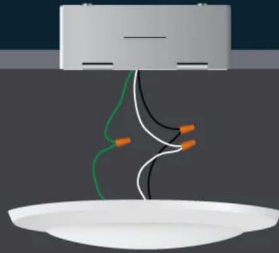
Multiple sizes free choice

Model #	Size(In)	Size (mm)	Watts	Lumens	CCT (000)	CRI	Volts	IP	Diffuser	Dimmable	Emergency Battery Pack #1	Motion Sensor #2	Finish
21315 ACNUSC10 WH	ø5.5 x 0.7"	ø140 x 18	10	700	3/4/5 Switchable	80 or 90	120 or 240	21/44	PMMA	Yes, Triac	Optional 200Lm 3H	Optional Microwave	White (WH)
21316 ACNUSC13 WH	ø7.2 x 0.7"	ø183 x 18	13	910	3/4/5 Switchable	80 or 90	120 or 240	21/44	PMMA	Yes, Triac	Optional 200Lm 3H	Optional Microwave	White (WH)
21317 ACNUSC17 WH	ø9.2 x 0.7"	ø234 x 18	17	1190	3/4/5 Switchable	80 or 90	120 or 240	21/44	PMMA	Yes, Triac	Optional 200Lm 3H	Optional Microwave	White (WH)
21318 ACNUSC22 WH	ø11.2 x 0.7"	ø285 x 18	22	1540	3/4/5 Switchable	80 or 90	120 or 240	21/44	PMMA	Yes, Triac	Optional 200Lm 3H	Optional Microwave	White (WH)

A variety of installation methods can meet most installation requirements

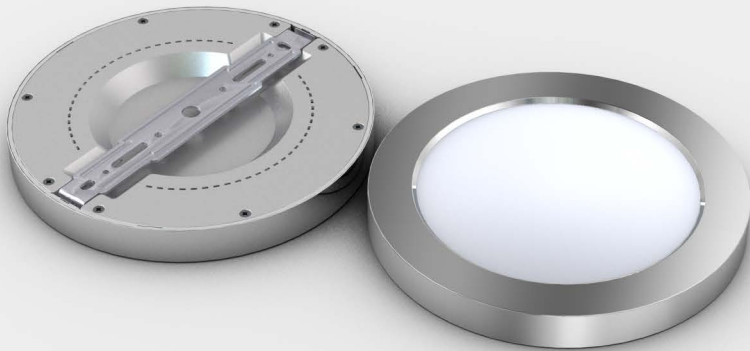
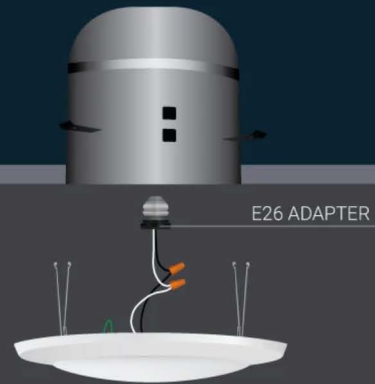
JUNCTION BOX INSTALLATION

FOR 2.75", 3.5"
or 4" J-BOX



RECESSED CAN INSTALLATION

FITS BOTH 5"
or 6" CAN



E26 ADAPTER

SPRING TABS

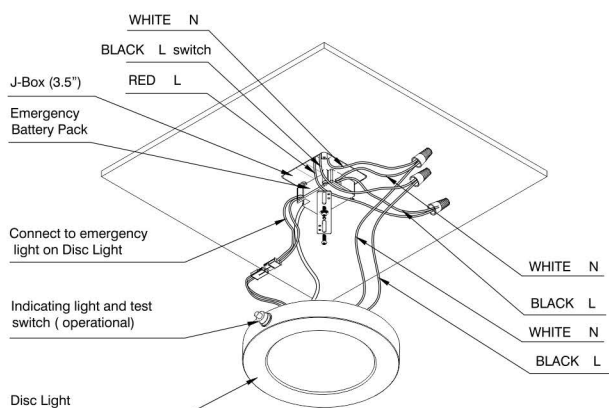
How does E1 or E2 Emergency Battery Pack work with Downlight series?

E1 or E2 are the Integrated Emergency Battery Pack (circuit board and Lithium battery are all in one), There are 2 ways of wiring and usages:

- 1) The wiring system is already designed for Emergency Lighting, which has 3 wires (other than the G wire) L, N, L' (usually is Red color wire) in the J-Box The L' (Constant current), which is used for charging/detecting the Emergency Battery Pack.
- 2) The wiring system is not prepared for Emergency Lighting, which has only 2 wire (other than the G wire) L and N.

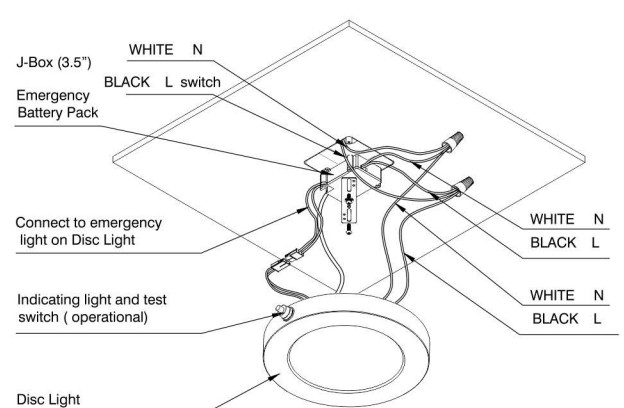
Wiring and Installation

Method 1 (wiring is typically prepared for Emergency Lighting)

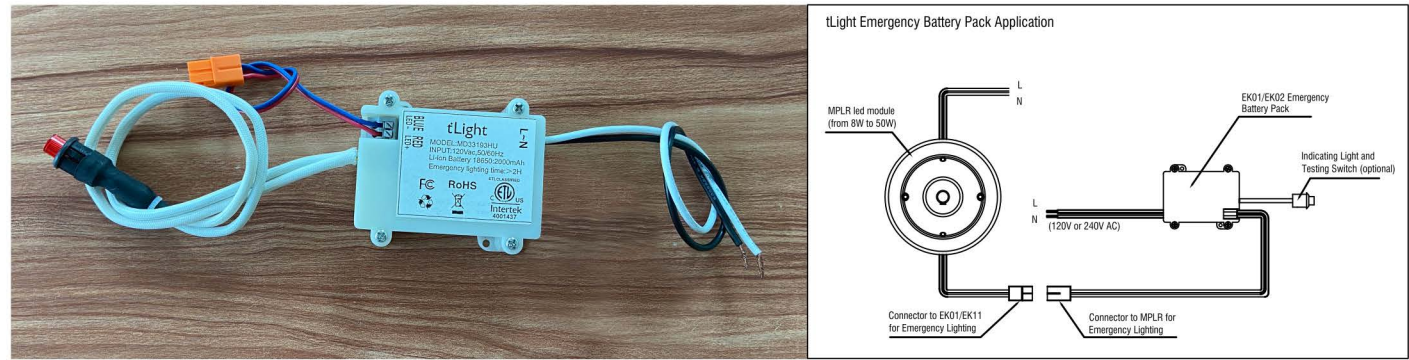


Method 2 (regular wiring, which is not prepared for Emergency Lighting)

(Our advance circuit which can detect if there is power failure without using the L' (Red wire))



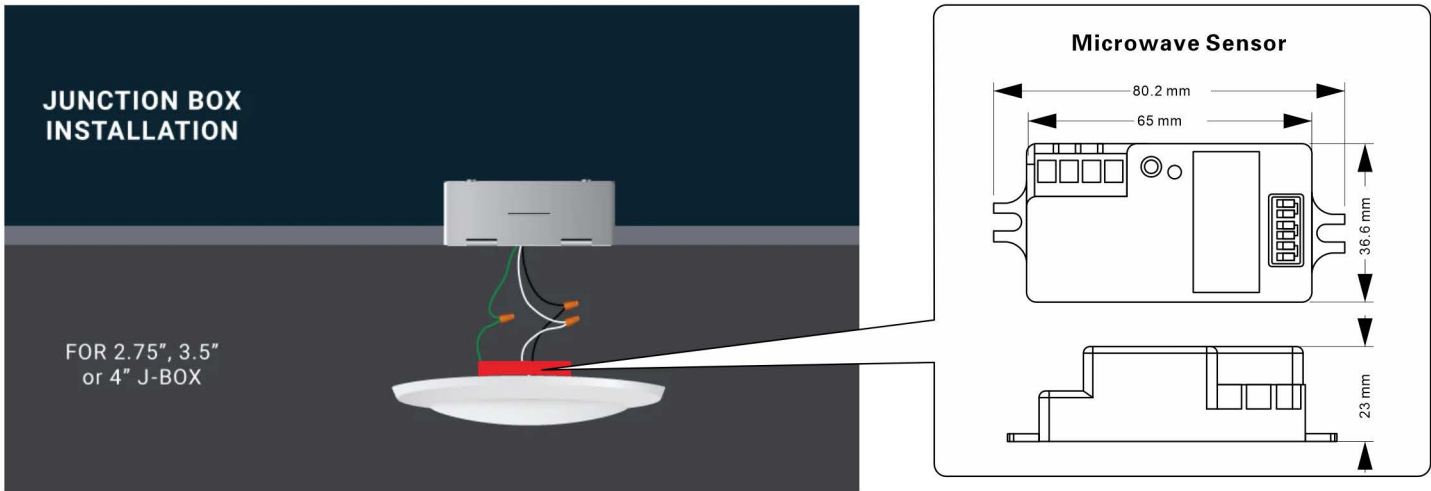
#1: Optional Emergency Battery Back



Model #: EK01 (E1)
Input: AC 120V or 240V, 50/60Hz
Battery: 2400 mAH, Lithium battery (E2 with 4800 mAH)
Emergency Light output: 200 lm, > 3 hours (custom setting available at factory) (E2 > 6 hours Emergency usage)
Size: 72 x 60 x 23mm
Max Ambient Temp : (−40F−110 o F) (−20°C−43°C)
3 years warranty for battery
1: Wires & connectors are subjected to requirements
2: Emergency Light output are subjected to requirements.

EMERGENCY BATTERY PACK					
Model #	Size (In)	Size (mm)	Watts	Lumens	Emergency Time(H)
Ek01	Length:2.83" width: 2.36" height: 0.9"	Length:72mm width:60mm height:23mm	2	220	3.5
Ek02			2.5	280	3
Ek03			4	440	2
Ek04			4.5	500	1.5
Ek11	Length:2.83" width: 3.26 " height: 0.9 "	Length:72mm width: 83mm height: 23mm	2	220	7
Ek12			2.5	280	6
Ek13			4	440	4
Ek14			4.5	500	3

#2 Optional with Microwave sensor



Model #:		PCM01	Input:		AC 120V or 240V, 50/60Hz		Output:		AC 120 or 240V, 50/60Hz		Current:		3A	
Sensor		DetectionRange		DetectionArea		DetectionAngle		DaylightSensor		HoldTime				
Microwave		Max14M		10%/50%/75%/100%		180		2/10/50 lux/Disable		5s/90s/5min/15min				

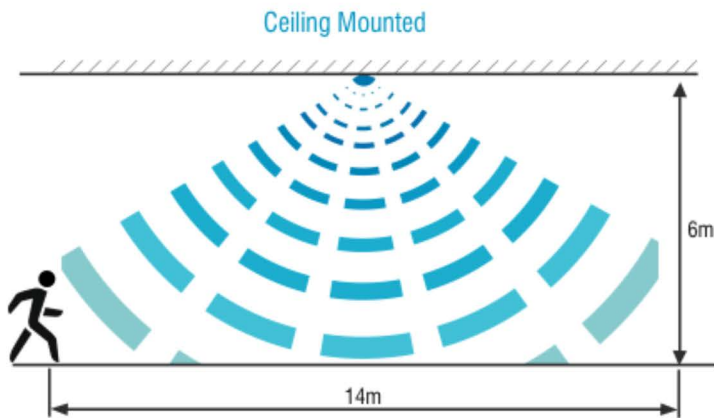
Ordering Code Example:

21316-ACHU3013-WH-E1

Model #,ø7.2

E1: Emergency Battery Pack, M1: Microwave Sensor
WH: White, BN: Brushed Nickel, DB: Dark Bronze
13 = 13W, Optional wattage available
30: 3000K, SC: CCT 3000/4000/5000K switchabl
U: 120V AC, E: 240V AC
H: CRI > 90, N: CRI >82
AC: Built in AC Driver DC: External DC driver

Features of detections

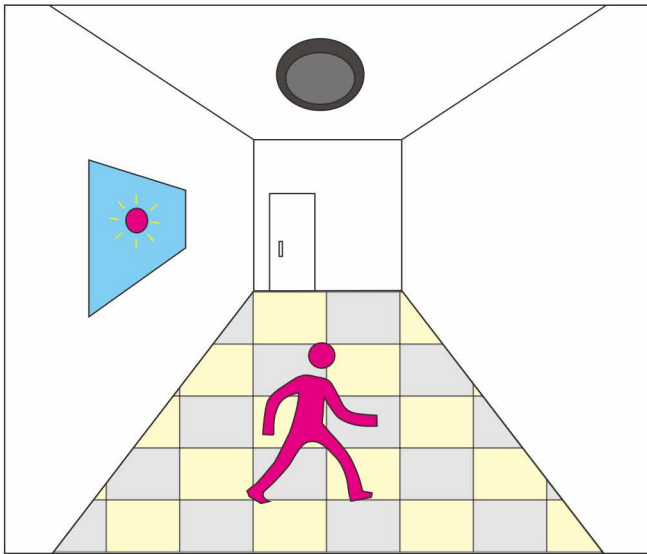


* Microwave Detection 14 M at 6 M height

* Detection range can be set to:

10%/50%/75%/100%

* 180 degree Detection



Day time Mode

When daylight is sufficient
(it can be set to 2/10/50 lux/Disable level)

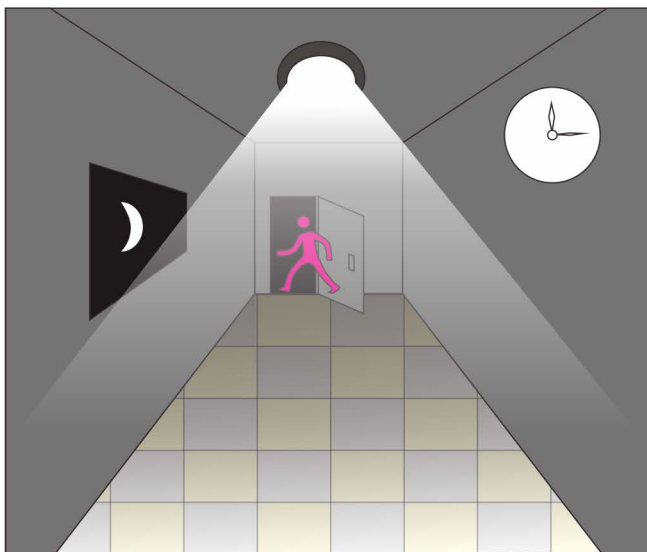
Then even the motion is detected
The light is still off



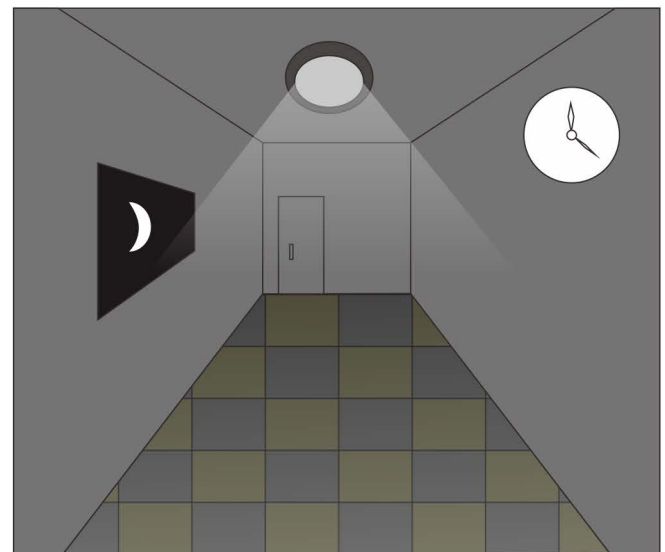
Night time Mode

When light is not sufficient
(it can be set to 2/10/50 lux/Disable level)

Then when the motion is detected
The light is turned on



Night time Mode,
The light stays on until the
movement disappears



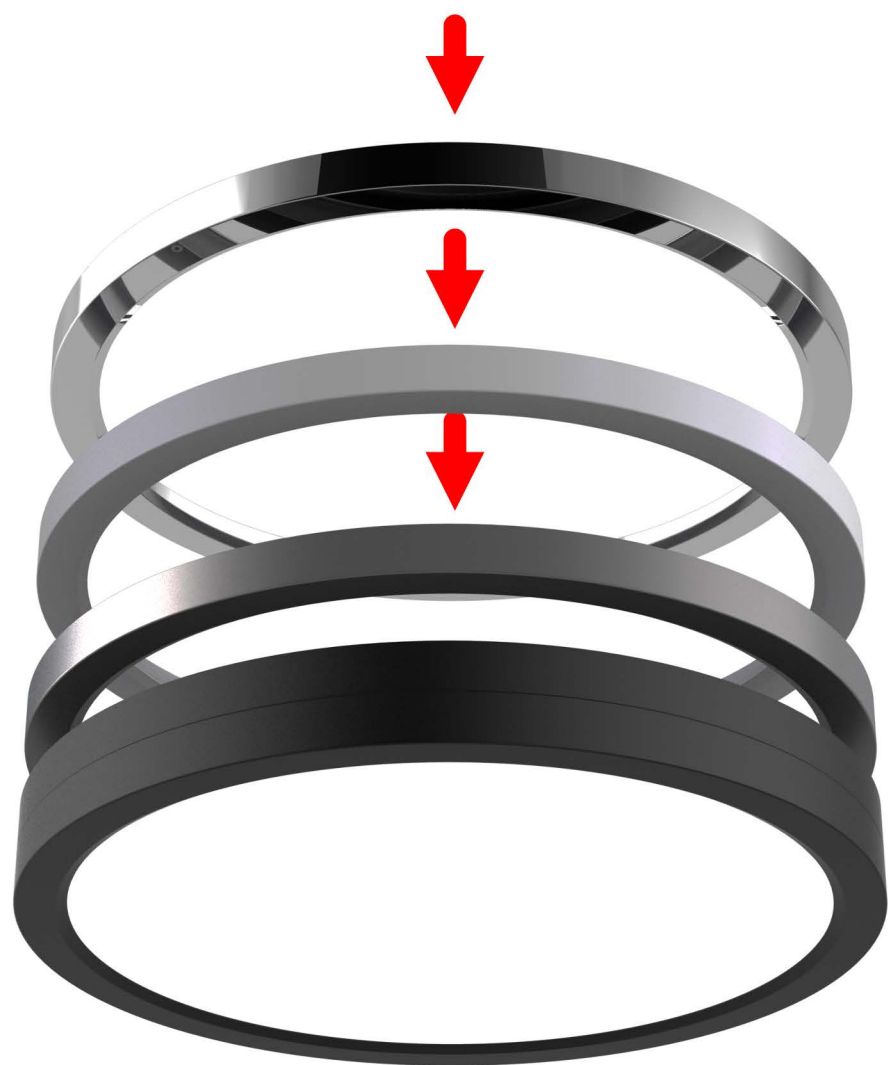
Night time Mode,
After motion is disappeared
The light is turned Off
Time delay can be set to: 5s/90s/
5min/15min

Round Design Series



Model #	Size(In)	Size (mm)	Watts	Lumens	CCT (000)	CRI	Volts	IP	Diffuser	Dimmable	Emergency Battery Pack #1	Motion Sensor #2
41005 ACNUSC25 WH	ø13 x 0.8"	ø330 x 18	25	1925	3/4/5 Switchable /single CCT	80 or 90	120/220-240	21/44	PMMA	Triac	Optional 200Lm 3H	Optional Microwave
41006 ACNUSC30 WH	ø15 x 0.8"	ø380 x 18	30	2310	3/4/5 Switchable /single CCT	80 or 90	120/220-240	21/44	PMMA	Triac	Optional 200Lm 3H	Optional Microwave
41007 ACNUSC35 WH	ø18 x 0.8"	ø457 x 18	35	2695	3/4/5 Switchable /single CCT	80 or 90	120/220-240	21/44	PMMA	Triac	Optional 200Lm 3H	Optional Microwave
41008 ACNUSC10 WH	ø24 x 0.8"	ø610 x 18	40	3080	3/4/5 Switchable /single CCT	80 or 90	120/220-240	21/44	PMMA	Triac	Optional 200Lm 3H	Optional Microwave

Round Design Series



Multi metal frames can be attached to the fixture to convert to different styles

Model #	Size(In)	Size (mm)	Watts	Lumens	CCT (000)	CRI	Volts	IP	Diffuser	Dimmable	Emergency Battery Pack #1	Motion Sensor #2
41005-MF	ø13 x 0.8"	ø330 x 18										
41006-MF	ø15 x 0.8"	ø380 x 18										
41007-MF	ø18 x 0.8"	ø457 x 18										
41008-MF	ø24 x 0.8"	ø610 x 18										



Installation



CLH1



CLH5

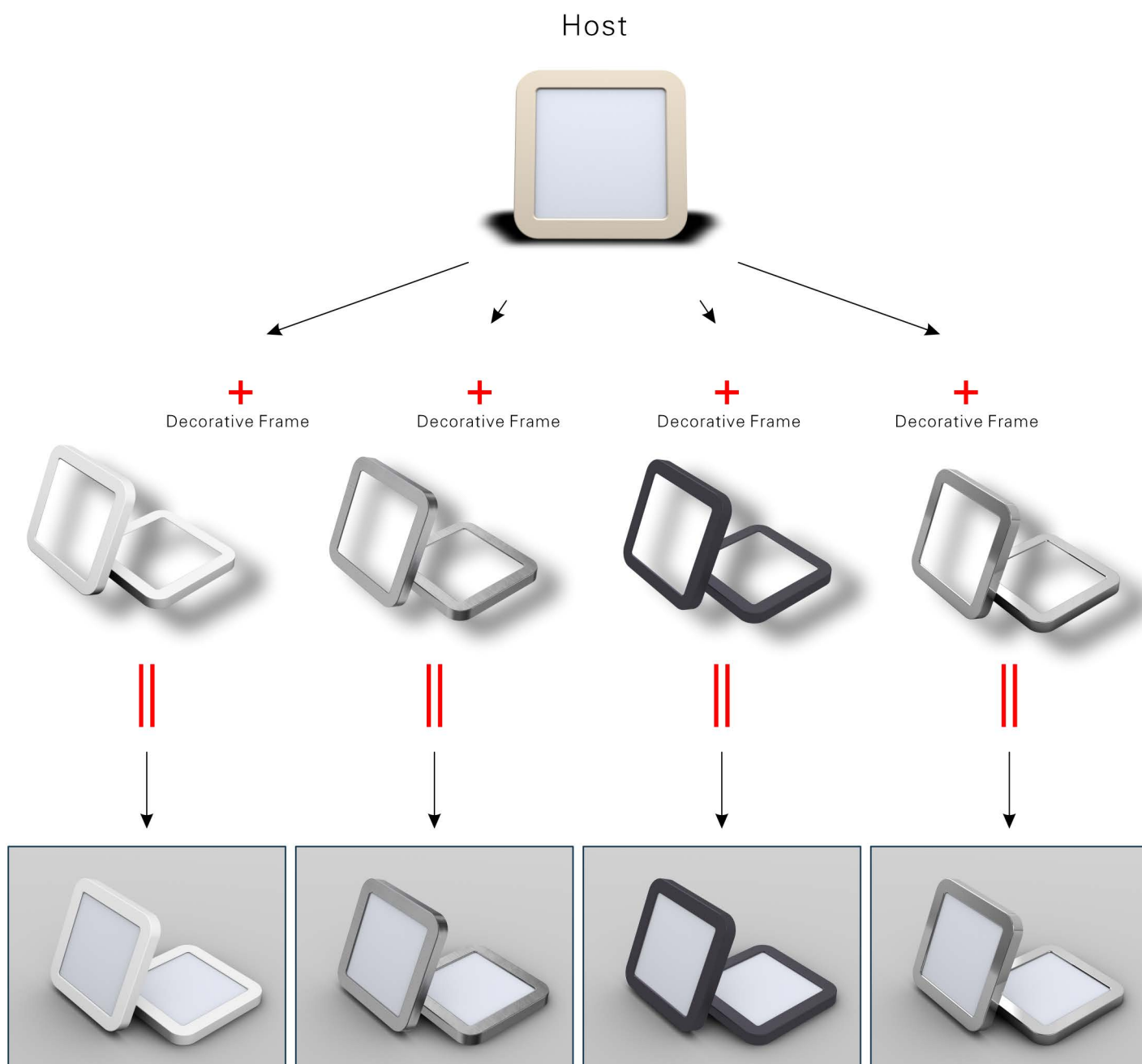


Pendant Conversion

CLH6



Square Design Series



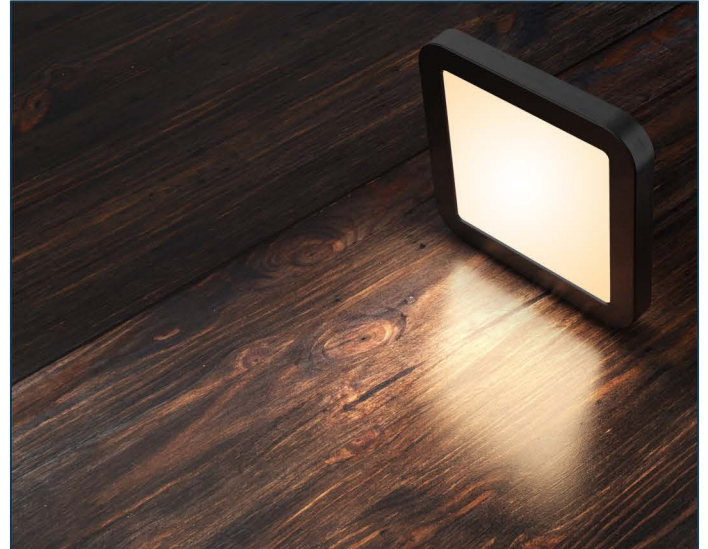
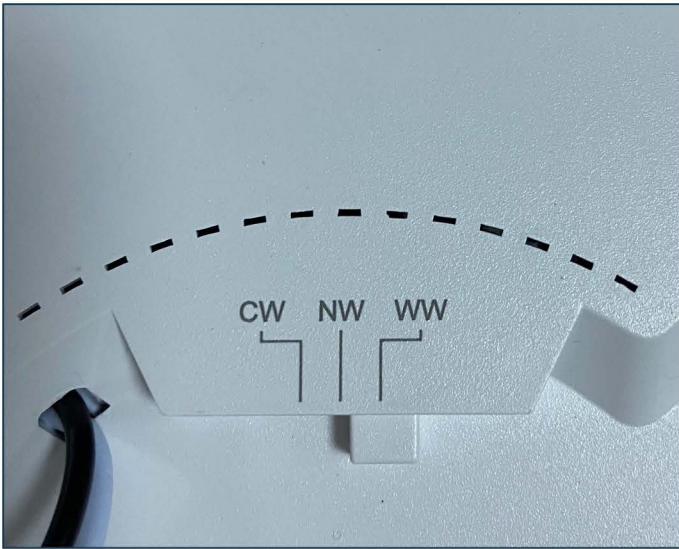
Free collocation to reduce inventory

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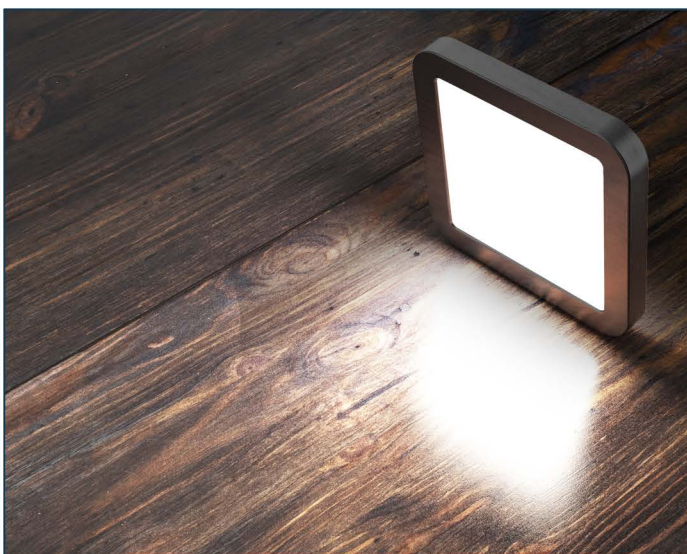
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Multiple color temperature adjustable

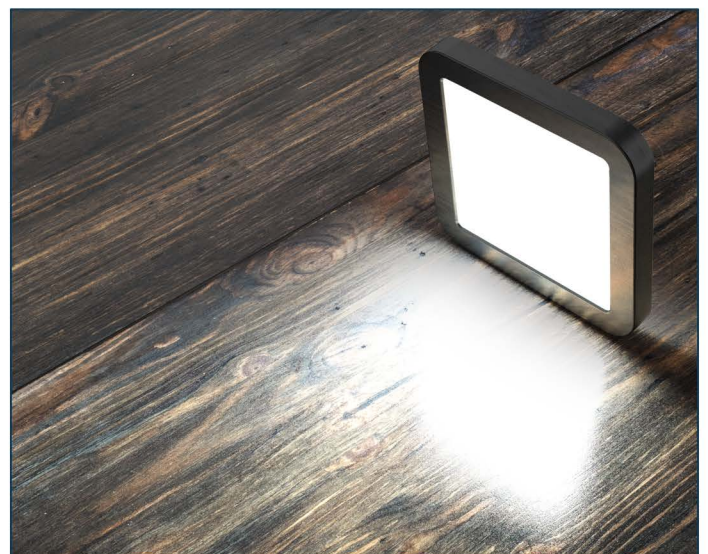
One lamp, multiple color temperature adjustable



3000K

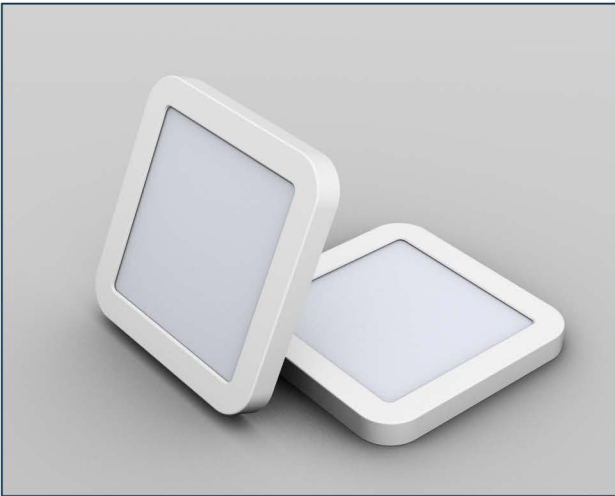


4000K

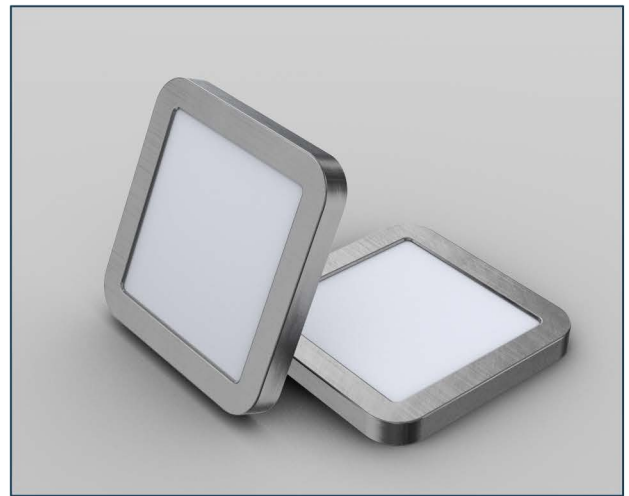


5000K

A variety of color free choice



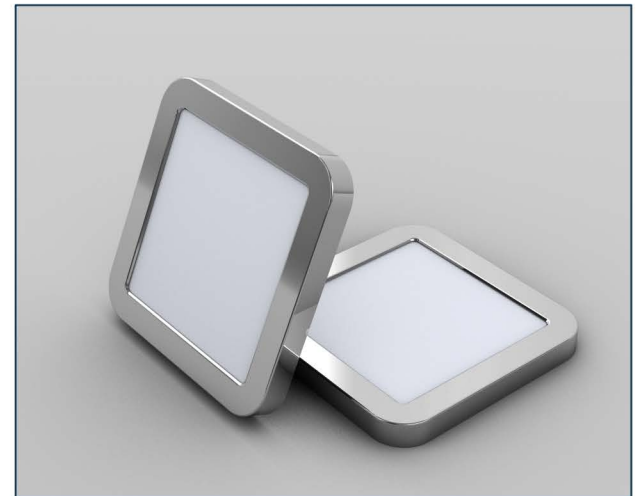
White (WH)



Brushed Nickel (BN)



Matt Black (BK)



Chrome (CH)

Multiple sizes free choice

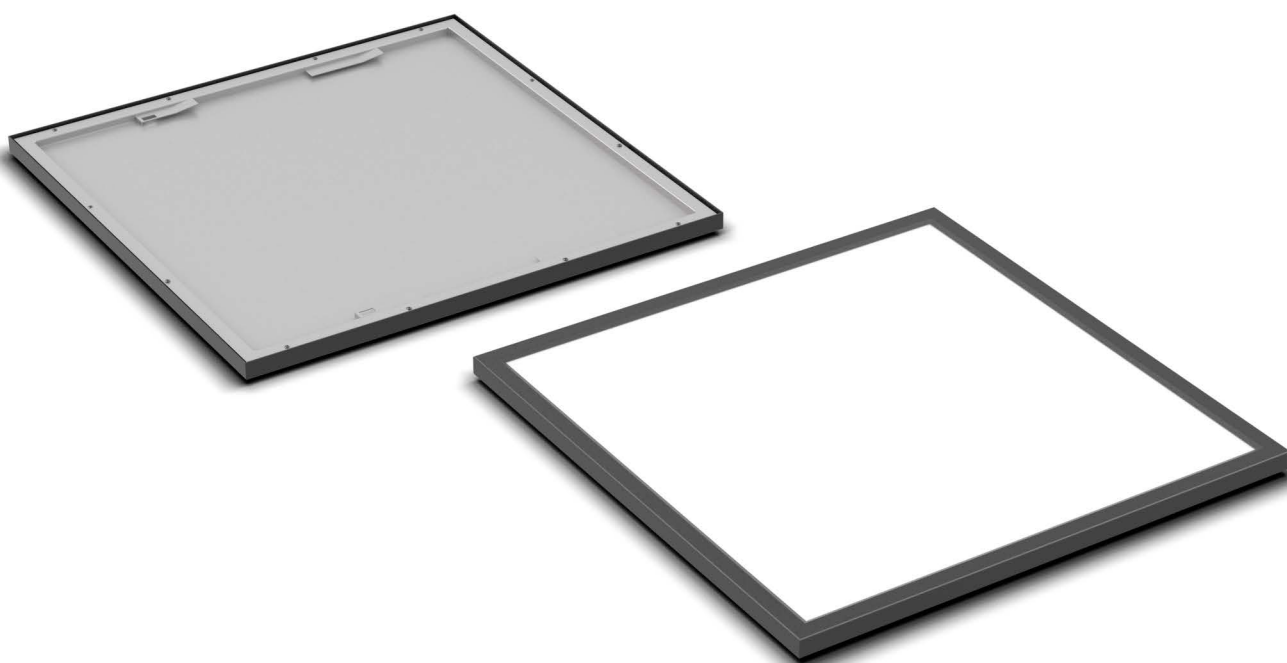
Model #	Size (In)	Size (mm)	Watts	Lumens	CCT (000)	CRI	Volts	IP	Diffuser	Dimmable	Emergency Battery Pack #1	Motion Sensor #2	Finish
21313 ACNUSC10 WH	6x6x0.7"	153x153x18	10	700	3/4/5 Switchable	80 or 90	120 or 240	21/44	PMMA	Yes, Triac	Optional 200Lm 3H	Optional Microwave	White (WH)
21316 ACNUSC13 WH	8x8x0.7"	203x203x18	13	910	3/4/5 Switchable	80 or 90	120 or 240	21/44	PMMA	Yes, Triac	Optional 200Lm 3H	Optional Microwave	White (WH)
21317 ACNUSC17 WH	10x10x0.7"	254x254x18	17	1190	3/4/5 Switchable	80 or 90	120 or 240	21/44	PMMA	Yes, Triac	Optional 200Lm 3H	Optional Microwave	White (WH)
21318 ACNUSC22 WH	12x12x0.7"	305x305x18	22	1540	3/4/5 Switchable	80 or 90	120 or 240	21/44	PMMA	Yes, Triac	Optional 200Lm 3H	Optional Microwave	White (WH)

A variety of color free choice



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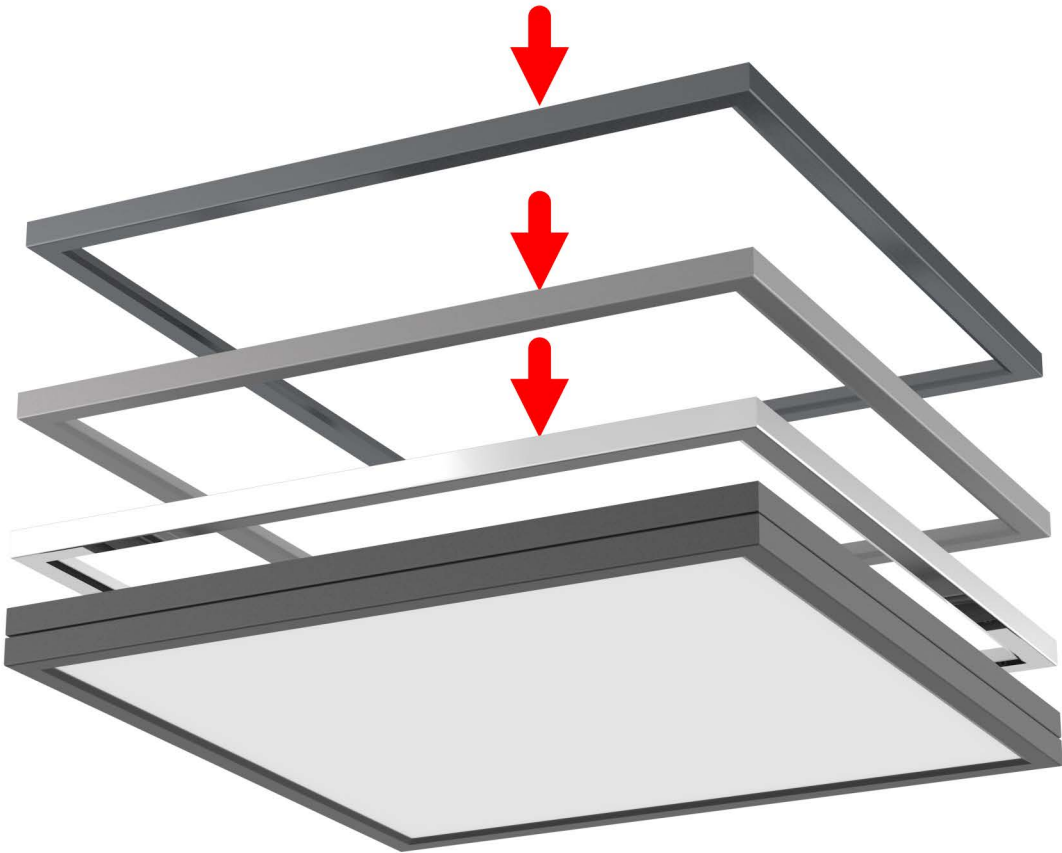
Square Design Series



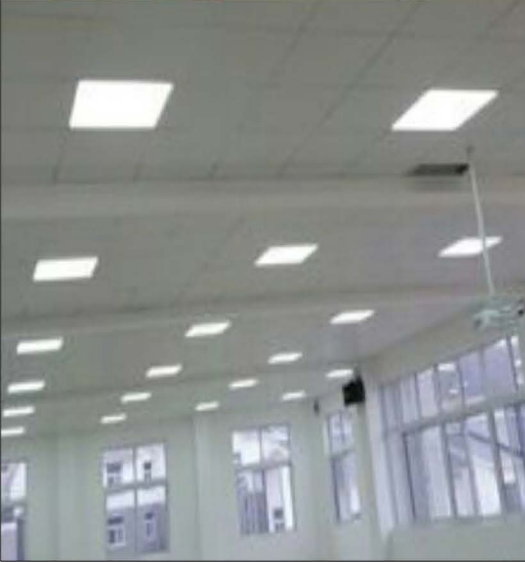
Model #	Size(In)	Size (mm)	Watts	Lumens	CCT (000)	CRI	Volts	IP	Diffuser	Dimmable	Emergency Battery Pack #1	Motion Sensor #2
41009 ACNUSC30 WH	14 x14 x 0.8"	356 x356 x18	30	2310	3/4/5 Switchable /single CCT	80 or 90	120/220-240	21/44	PMMA	Triac	Optional 200Lm 3H	Optional Microwave
41010 ACNUSC35 WH	16 x16 x 0.8"	406 x406 x18	35	2695	3/4/5 Switchable /single CCT	80 or 90	120/220-240	21/44	PMMA	Triac	Optional 200Lm 3H	Optional Microwave
41011 ACNUSC40 WH	18 x18 x 0.8"	457 x457 x18	40	3080	3/4/5 Switchable /single CCT	80 or 90	120/220-240	21/44	PMMA	Triac	Optional 200Lm 3H	Optional Microwave
41012 ACNUSC50 WH	24 x24 x 0.8"	610 x610 x18	50	3850	3/4/5 Switchable /single CCT	80 or 90	120/220-240	21/44	PMMA	Triac	Optional 200Lm 3H	Optional Microwave

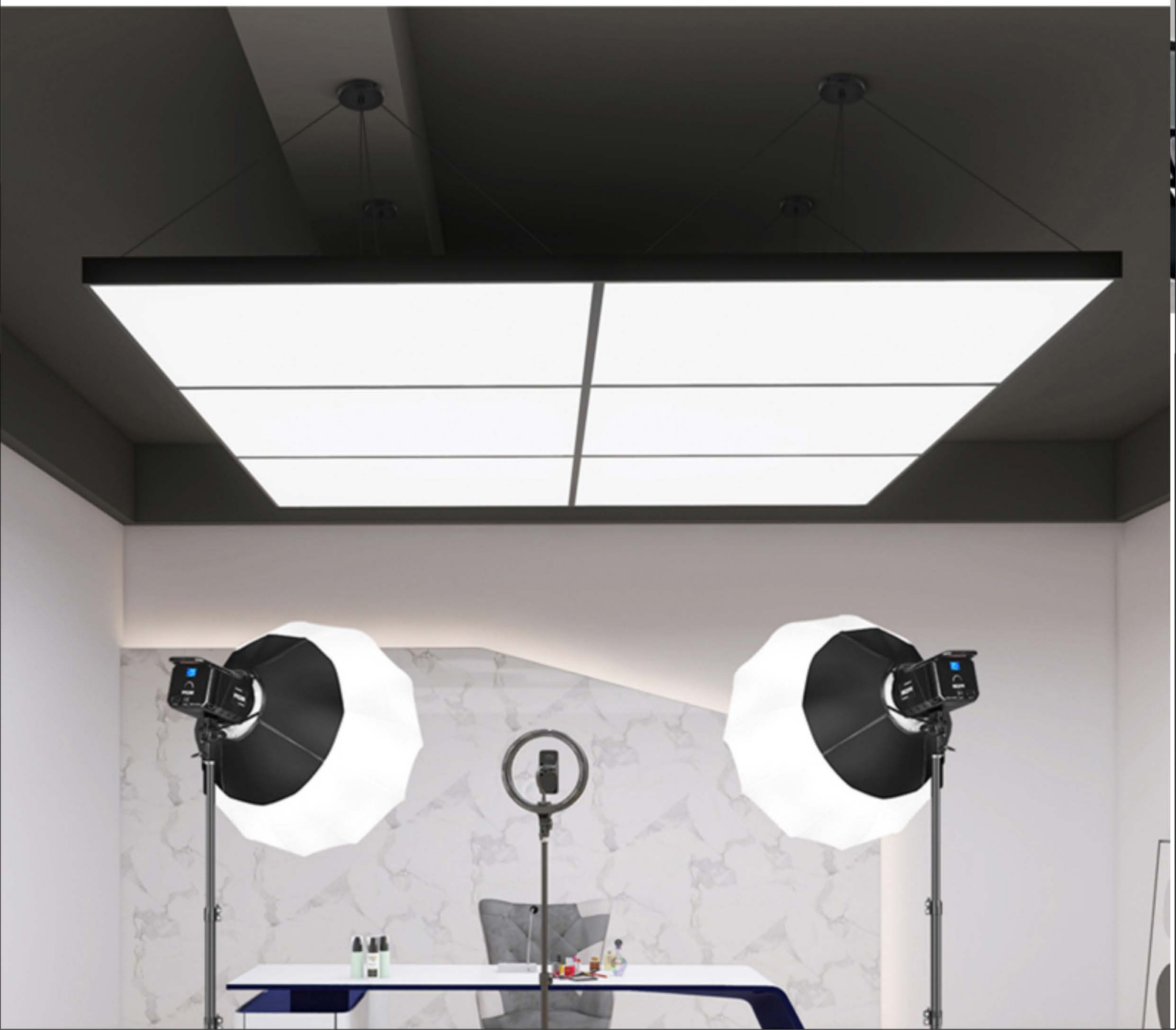
Square Design Series

Multi metal frames can be attached to the fixture to convert to different styles



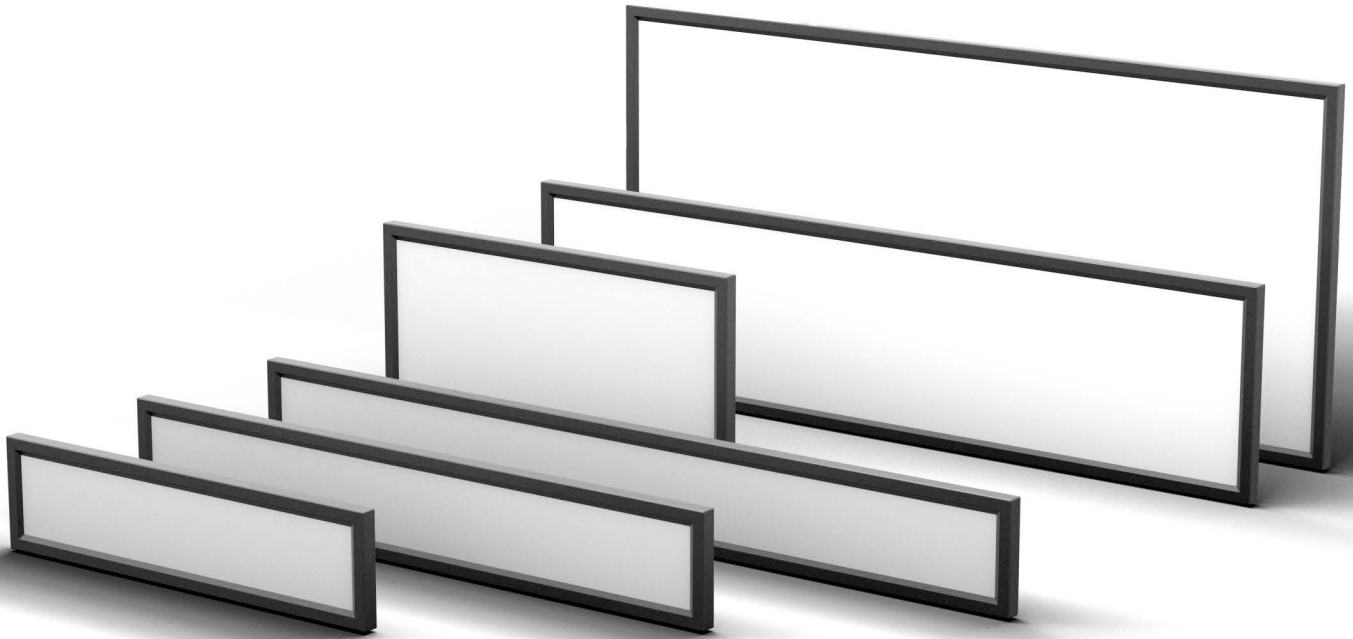
Model #	Size(In)	Size (mm)	Watts	Lumens	CCT (000)	CRI	Volts	IP	Diffuser	Dimmable	Emergency Battery Pack #1	Motion Sensor #2
41009 -NF	14 x14 x 0.8"	356 x356 x18										
41010 -NF	16 x16 x 0.8"	406 x406 x18										
41011 -NF	18 x18 x 0.8"	457 x457 x18										
41012 -NF	24 x24 x 0.8"	610 x610 x18										







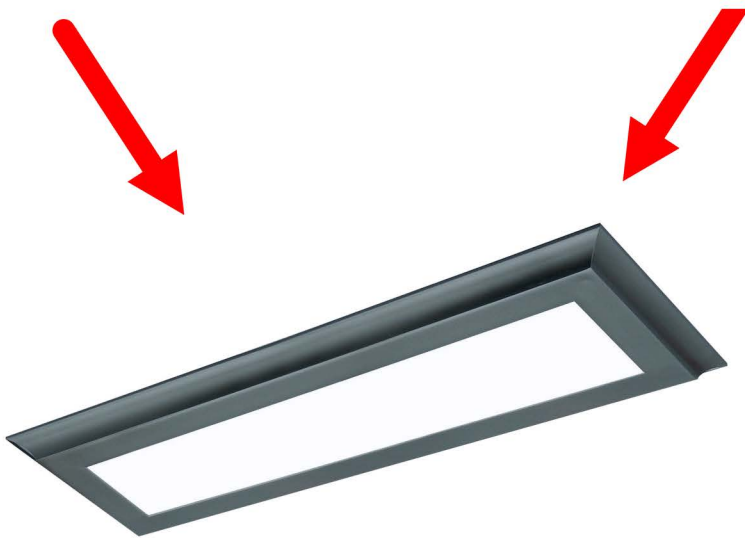
Rectangle Design Series



Model #	Size(In)	Size (mm)	Watts	Lumens	CCT (000)	CRI	Volts	IP	Diffuser	Dimmable	Emergency Battery Pack #1	Motion Sensor #2
41013 ACNUSC20 WH	6 x24 x 0.8"	152 x305 x18	20	1540	3/4/5 Switchable /single CCT	80 or 90	120/220-240	21/44	PMMA	Triac	Optional 200Lm 3H	Optional Microwave
41014 ACNUSC30 WH	6 x36 x 0.8"	152 x914 x18	30	2310	3/4/5 Switchable /single CCT	80 or 90	120/220-240	21/44	PMMA	Triac	Optional 200Lm 3H	Optional Microwave
41015 ACNUSC40 WH	6 x48 x 0.8"	152 x1219 x18	40	3080	3/4/5 Switchable /single CCT	80 or 90	120/220-240	21/44	PMMA	Triac	Optional 200Lm 3H	Optional Microwave
41016 ACNUSC30 WH	12 x24 x 0.8"	304 x610 x18	30	2310	3/4/5 Switchable /single CCT	80 or 90	120/220-240	21/44	PMMA	Triac	Optional 200Lm 3H	Optional Microwave
41017 ACNUSC40 WH	12 x48 x 0.8"	304 x1219 x18	40	3080	3/4/5 Switchable /single CCT	80 or 90	120/220-240	21/44	PMMA	Triac	Optional 200Lm 3H	Optional Microwave
41018 ACNUSC80 WH	24 x48 x 0.8"	610 x1219 x18	80	6160	3/4/5 Switchable /single CCT	80 or 90	120/220-240	21/44	PMMA	Triac	Optional 200Lm 3H	Optional Microwave

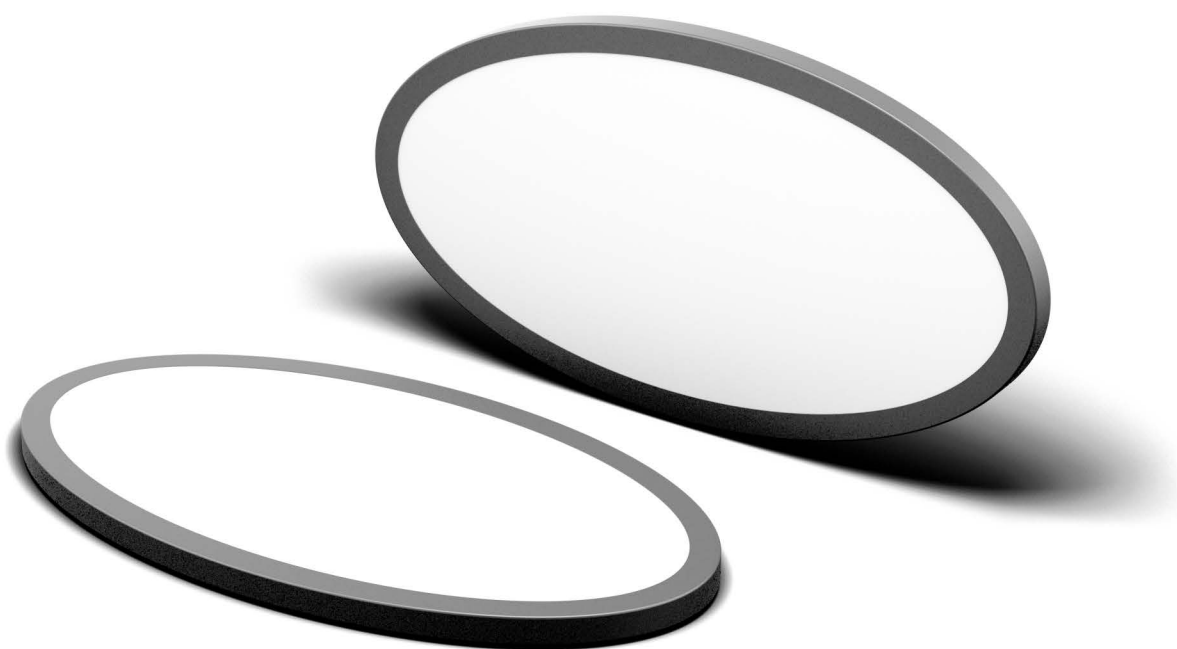
Optional Decorative Wooden Frames

Wide ranges of decorative frames available, contact us for your optional styles



Model #	Size(In)	Size (mm)	Watts	Lumens	CCT (000)	CRI	Volts	IP	Diffuser	Dimmable	Emergency Battery Pack #1	Motion Sensor #2
41013-DF	7 x25 x 2"	178 x635 x51										
41014-DF	7 x37 x 2"	178 x940 x51										
41015-DF	7 x49 x 2"	178x1244 x51										
41016-DF	13 x25 x 2"	330 x635 x51										
41017-DF	13 x49 x 2"	330 x1244 x51										
41018-DF	25 x49 x 2"	635 x1244 x51										

Oval Design Series



Model #	Size(In)	Size (mm)	Watts	Lumens	CCT (000)	CRI	Volts	IP	Diffuser	Dimmable	Emergency Battery Pack #1	Motion Sensor #2
41019 ACNUSC30 WH	24 x13 x 0.8"	610 x330 x18	30	2310	3/4/5 Switchable /single CCT	80 or 90	120/220-240	21/44	PMMA	Triac	Optional 200Lm 3H	Optional Microwave
41019 ACNUSC50 WH	32 x18 x 0.8"	813 x457 x18	50	3850	3/4/5 Switchable /single CCT	80 or 90	120/220-240	21/44	PMMA	Triac	Optional 200Lm 3H	Optional Microwave





