iSea Group

iSea Group

LED LIGHTING DEPARTMENT

iSea Group Inc

1(585)978-3888

Customerservice@iseagroup.org

# CONTENTS

iSea Group

iSea Group is a server of satisfy

LED Panel Light
(P6)

≫ Dust-Free workshop auto-production
≫ DLC Standard & Premium
≫ Driver flicker free optional

Same features of Flat Panel Light

◎Color Rendering:Ra ≥ 80
◎Beam Angle:120° ±5°
◎IP Rate:IP40
◎Lamp Shell Temp Increasement:< 20 ℃
◎Design Lifespan:≥50000H
◎Working Temperature:−25℃~45℃
◎Material: Aluminum alloy+LGP

.... Color Temperature ....

Warm White
3000K

Pure White
4000K

Cool White
5000K

2X2 ft
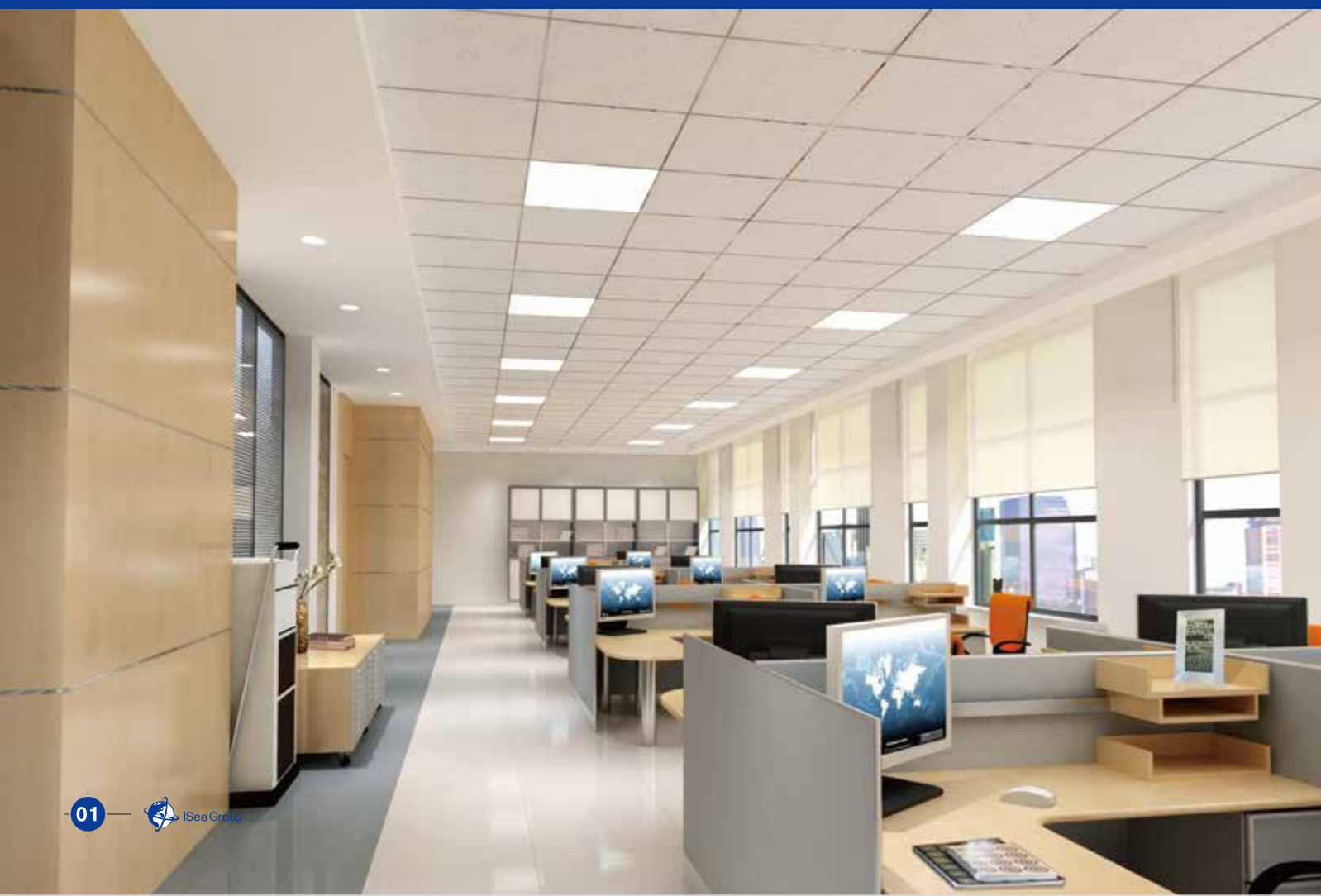
0−10v Dimming

Technical Data

Item No:.	CPS−U4A25−P6	CPS−U4A32−P6	CPS−U4A36−P6A	CPS−U4A40−P6
Power(W)	25W	32W	36W	40W
Size	603*603mm	603*603mm	603*603mm	603*603mm
Luminous Flux(LM)	3250±8%	4160±8%	4680±8%	4000±8%
Lighting Effect	130 LM/W	130 LM/W	130 LM/W	100 LM/W
Carton(mm)	645*190*650mm(4PCS)	645*190*650mm(4PCS)	645*190*650mm(4PCS)	645*190*650mm(4PCS)

Technical Data

UL LISTED E492428

Item No:.	CPS−U4A20−P6A	CPS−U4A30−P6A	CPS−U4A32−P6A	CPS−U4A36−P6/A
Power(W)	20W	30W	32W	36W
Size	603*603mm	603*603mm	603*603mm	603*603mm
Luminous Flux(LM)	2600±8%	3900±8%	4160±8%	3600/4680±8%
Lighting Effect	130 LM/W	130 LM/W	130 LM/W	100/130 LM/W
Carton(mm)	645*190*650mm(4PCS)	645*190*650mm(4PCS)	645*190*650mm(4PCS)	645*190*650mm(4PCS)

Specifications above are only for CREP standard products, customized requirements are available.

Remark: Common technical features for LED Panel

Voltage(V)	Drive mode	Power Factor (PF)	Color Rendering (Ra)	Material	Design Lifespan	Working Temperature(℃)
AC100−277V 50−60Hz	Switch constant current	≥0.92	≥82	Aluminum alloy+LGP	≥50000H	−25℃~45℃

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1X4 ft

0~10v Dimming

Technical Data

Item No:.	CPS-U3A32-P6/A	CPS-U3A36-P6	CPS-U3A40-P6
Power(W)	32W	36W	40W
Size	303*1213mm	303*1213mm	303*1213mm
Luminous Flux(LM)	4160±8%	4680±8%	4000±8%
Lighting Effect	130 LM/W	130 LM/W	100 LM/W
Carton(mm)	1255*190*350mm(4PCS)	1255*190*350mm(4PCS)	1255*190*350mm(4PCS)

Technical Data

E492428

| Item No:.	CPS-U3A32-P6A	CPS-U3A36-P6
Power(W)	32W	36W
Size	303*1213mm	303*1213mm
Luminous Flux(LM)	4160±8%	4680±8%
Lighting Effect	130 LM/W	130 LM/W
Carton(mm)	1255*190*350mm(4PCS)	1255*190*350mm(4PCS)

Specifications above are only for CREP standard products, customized requirements are available.

Remark: Common technical features for LED Panel

Voltage(V)	Drive mode	Power Factor (PF)	Color Rendering (Ra)	Material	Design Lifespan	Working Temperature(℃)
AC100-277V 50-60Hz	Switch constant current	≥0.92	≥82	Aluminum alloy+LGP	≥50000H	-25℃~45℃

2X4 ft

0~10v Dimming

Technical Data

Item No:.	CPS-U5A40-P6	CPS-U5A50-P6/A	CPS-U5A70-P6
Power(W)	40W	50W	70W
Size	603*1213mm	603*1213mm	603*1213mm
Luminous Flux(LM)	5200±8%	5000±8% / 6500±8%	7000±8%
Lighting Effect	130 LM/W	100/130 LM/W	100 LM/W
Carton(mm)	1255*190*650mm(4PCS)	1255*190*650mm(4PCS)	1255*190*650mm(4PCS)

Technical Data

E492428

Item No:.	CPS-U5A35-P6A	CPS-U5A40-P6	CPS-U5A50-P6/A
Power(W)	35W	40W	50W
Size	603*1213mm	603*1213mm	603*1213mm
Luminous Flux(LM)	4550±8%	5200±8%	5000±8% / 6500±8%
Lighting Effect	130 LM/W	130 LM/W	100/130 LM/W
Carton(mm)	1255*190*650mm(4PCS)	1255*190*650mm(4PCS)	1255*190*650mm(4PCS)

Specifications above are only for CREP standard products, customized requirements are available.

Remark: Common technical features for LED Panel

Voltage(V)	Drive mode	Power Factor (PF)	Color Rendering (Ra)	Material	Design Lifespan	Working Temperature(℃)
AC100-277V 50-60Hz	Switch constant current	≥0.92	≥82	Aluminum alloy+LGP	≥50000H	-25℃~45℃

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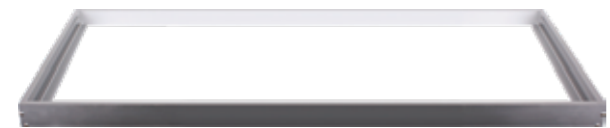
Installation mode

▶ 1.Surface Mounted
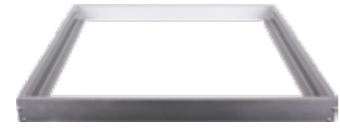
609X609X70mm   for 2x2ft LED Panel

305X1216X70mm   for 1x4ft LED Panel

609X1216X70mm   for 2x4ft LED Panel

Surface Mounted

1 M4x6mmx8 M3X10mmx4 M5x6mmx4	2	3	4	5
Check spare parts as above list	Connect 2 sides board +back board with screws	After 2nd step, comes out above chart	Put the expansion screws into the ceiling	Put the 3rd steps fixture into ceiling by screws
6	7	8	9	
After the 5th step, comes out above chart	Insert led panel light as above chart	Lock the last mounted piece as above chart	Finished mounting chart	

▶ 2.Recessed installation

Installation option

①   ②   ③

1. Pull up the earth quake hook until it is perpendicular to the panel backing.(See picture 1)

2. Bend the hook arm until it is perpendicular to the hook body. (See picture 2)

3. Hook the panel to the T−Bar until it is full supported.(See picture 3)

Earthquake hook   Before installation   After installation

▶ 3.Suspending Kits
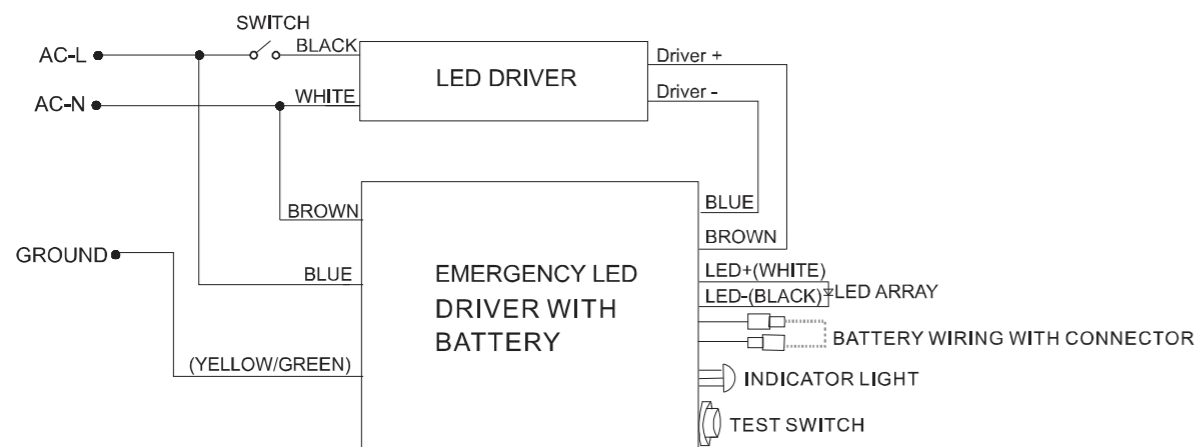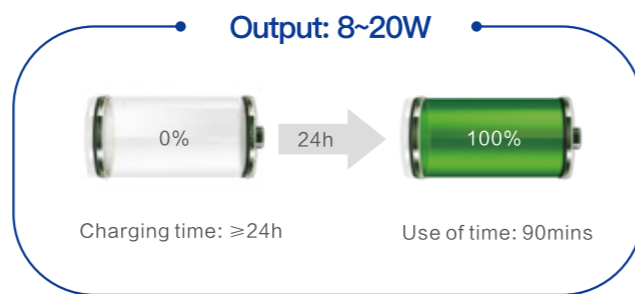
Model 1:CPS-MBDJ-01

Model 2:CPS-MBDJ-02

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Magic Panel Optional Function

▶1.Brightness Dimmable (0-10v & Resistance & PWM)

Dimmable 0%-100%

0%   100%
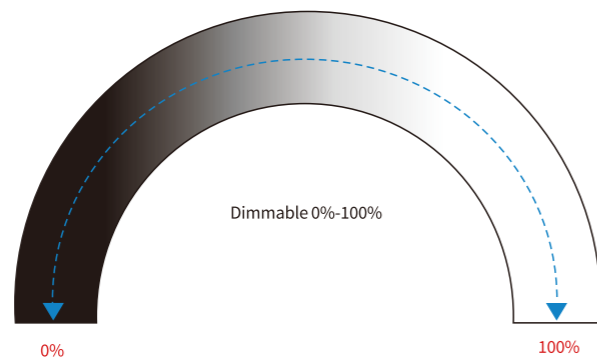
▶ 2. Emergency (for 20~70W Led lamp)

Output: 8~20W

0%   24h   100%

Charging time: ≥24h   Use of time: 90mins

SWITCH
AC-L ——— BLACK
AC-N ——— WHITE   LED DRIVER   Driver +
                                Driver -

GROUND

BROWN   BLUE
                               BROWN
BLUE   EMERGENCY LED   LED+(WHITE)
        DRIVER WITH   LED-(BLACK) LED ARRAY
        BATTERY
(YELLOW/GREEN)   BATTERY WIRING WITH CONNECTOR

                               INDICATOR LIGHT

                               TEST SWITCH

▶3.Color Tunable

Mode 1:
Choose the right color by the switch on cable before installation.

3000K   4000K   5000K

CPS-BMKG-01

CW NW WW

Mode 2:
Choose the right color by the wall switch after installation.

ALL
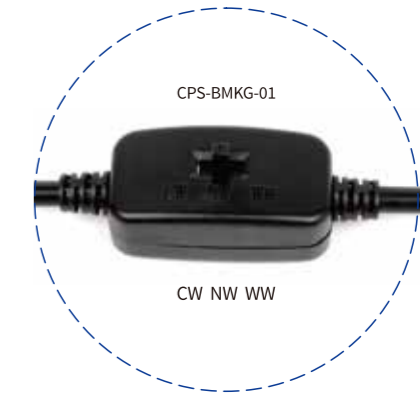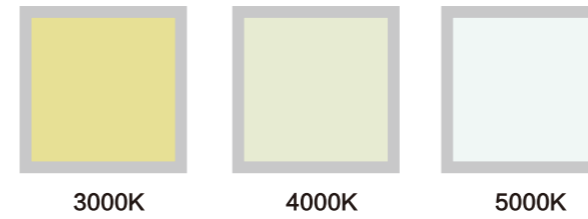
CCT Changeable   Dimmable

dimmable

Morning 6:30	5000K Day White
Noon 12:30	4000K Natural White
Night 19:30	3000K Warm White

LED Troffer Light
(P19/P22)

P19 Series(H90mm)

UL/CUL:E492428
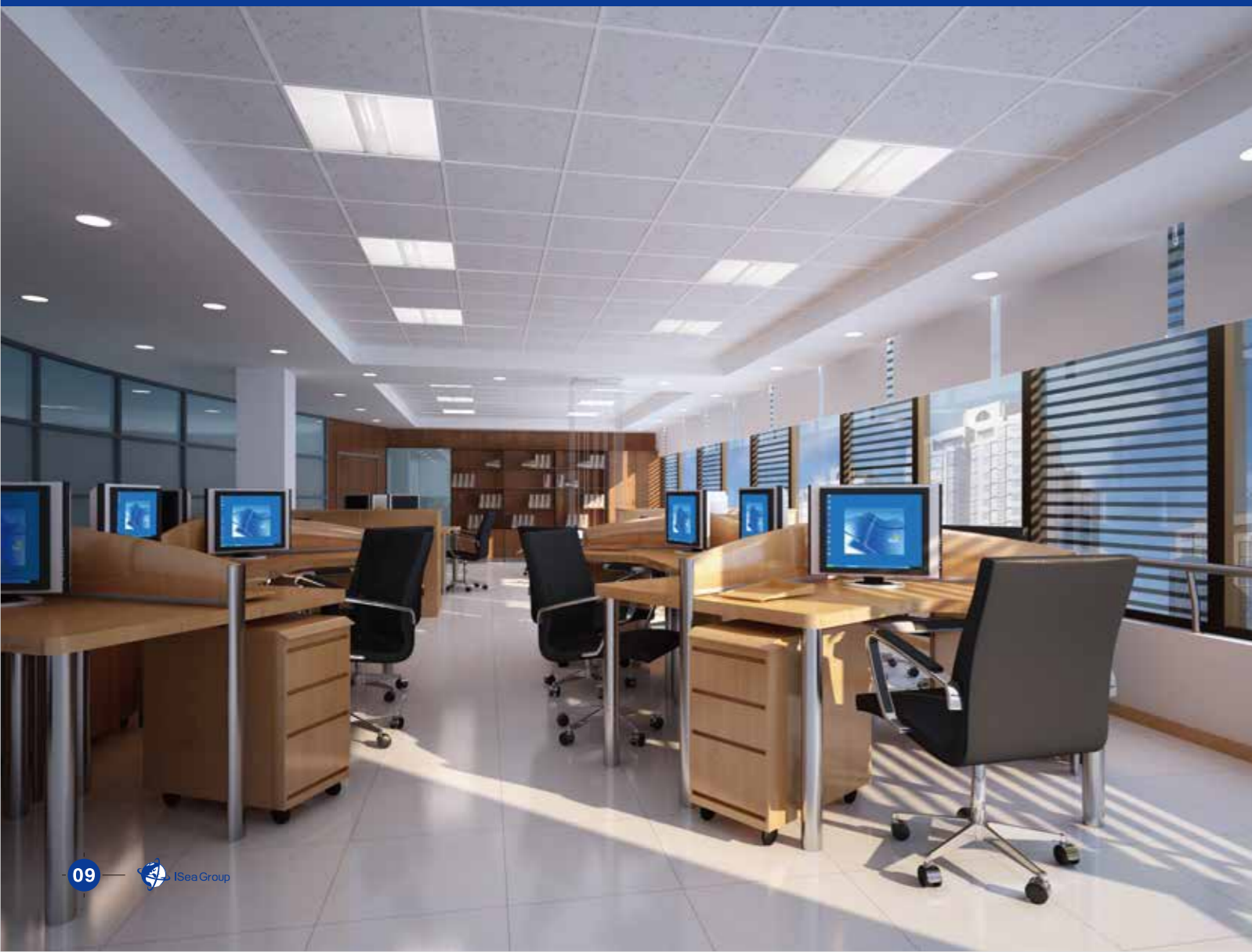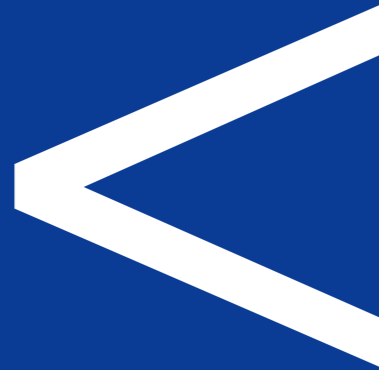
Features
- UL/DLC approved;
- High light efficiency 110/140lm/w;
- Ideal replacement for traditional troffer;
- Suitable for damp location;
- 0~10V Dimming;
- 5 Years warranty;

Technical Data

Model	CPS-U4A20-P19A	CPS-U4A32-P19A	CPS-U4A40-P19/A	CPS-U5A35-P19A	CPS-U5A50-P19/A
Part No.	2X2FT			2X4FT	
Power(W)	20W	32W	40W	35W	50W
Voltage(V)	100~277V				
PF	≥0.9				
Size	603X603X90mm			1213X603X90mm	
Luminous Flux	2800lm±8%	4480lm±8%	4400/5600lm±8%	4900lm±8%	5500/7000lm±8%
CCT	3000~5000K				
Carton	645X235X645mm/2 PCS			1255X235X645mm/2 PCS	

Specifications above are only for CREP standard products, customized requirements are available.

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P22 series (H60mm)

UL/CUL:E492428

Features

- UL/DLC approved;
- Ultra-thin design(H:60mm),save freight cost;
- High light efficiency 110/140lm/w;
- Ideal replacement for traditional troffer;
- Suitable for damp location;
- 0-10V Dimming;
- 5 Years warranty;

Technical Data

Model	CPS-U4A32-P22A	CPS-U4A40-P22	CPS-U5A40-P22A	CPS-U5A50-P22
Part No.	2X2FT		2X4FT	
Power(W)	32W	40W	40W	50W
Voltage(V)	100-277V			
PF	≥0.9			
Size	603X603X60mm		1213X603X60mm	
Luminous Flux	4480lm±10%	4400lm±10%	5600lm±10%	5500lm±10%
CCT	3000K~5000K			
Carton	655X370X655mm/4 PCS		1265X370X655mm/4 PCS	

Specifications above are only for CREP standard products, customized requirements are available.

Installation instructions

Recessed In Plaster Or Grid Ceilings

Step 1: Remove the ceiling tile from the location in the grid ceiling where the luminaire will be located.

Step 2: Lower the luminaire into the grid structure.

Step 3: Rotate the earthquake clips 90° to prevent the luminaire from falling through the grid. For additional safety, attach optional support cables to the holes in the earthquake clips.

Step 4: Use a screwdriver to remove the wireway enclosure cover, and then pry out one of the knockouts on the wireway cover.

Step 5: Attach electrical conduit to the removed knockout, and then make wiring connections (black to black, white to white, and green to green). See Wiring Diagram.
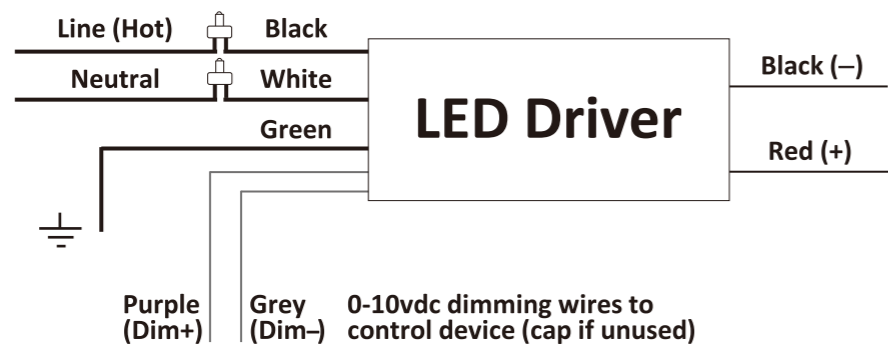
Step 6: Replace the wireway cover.

Surface-Mounted Installation

Step 1: Assemble three sides of the surface-mount frame by driving screws into the extruded channels.

Step 2: Mount the partially assembled frame onto the ceiling using appropriate hardware (supplied by others).

Step 3: Use a screwdriver to remove the wireway enclosure cover, and then pry out one of the knockouts on the wireway cover.

Step 4: Attach electrical conduit to the removed knockout, and then make wiring connections (black to black, white to white, and green to green). See Wiring Diagram.

Step 5: Slide the luminaire into the frame, and attach the fourth side of the frame.

Step 6: Finish installation,turn on light.

▶ Warning

• Luminaire must be installed, checked and repaired by an authorized electrician.

• For proper operation, make sure to connect the luminaire to the proper voltage and install it according to these instructions.

• For safety purposes, cut off the power and allow the luminaire to cool before installing or removing it.

• Don't install the troffer light in an unsatble ceiling or near combustille materials.

• Cut off the power if there are any unexpected occurrences.

• Do not alter or modify the luminaire or change any of the components.

• Do not use the luminaire under conditions of direct sunlight, humidity, fog, rain, corrosive gas, dust, or liquid.

▶ Wiring diagram

Line (Hot) — Black

Neutral — White

Green

LED Driver

Black (–)

Red (+)

Purple (Dim+) Grey (Dim–) 0-10vdc dimming wires to control device (cap if unused)

P22 EM Driver Connection

▶ Color Tunable

Mode 1:
Choose the right color by the switch on cable before installation.

3000K   4000K   5000K

CPS-BMKG-01

CW NW WW

Mode 2:
Choose the right color by the wall switch after installation.

CCT Changeable   Dimmable

| Morning 6:30 | 5000K Day White | Noon 12:30 | 4000K Natural White | Night 19:30 | 3000K Warm White |

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LED Linear Highbay

(G8)
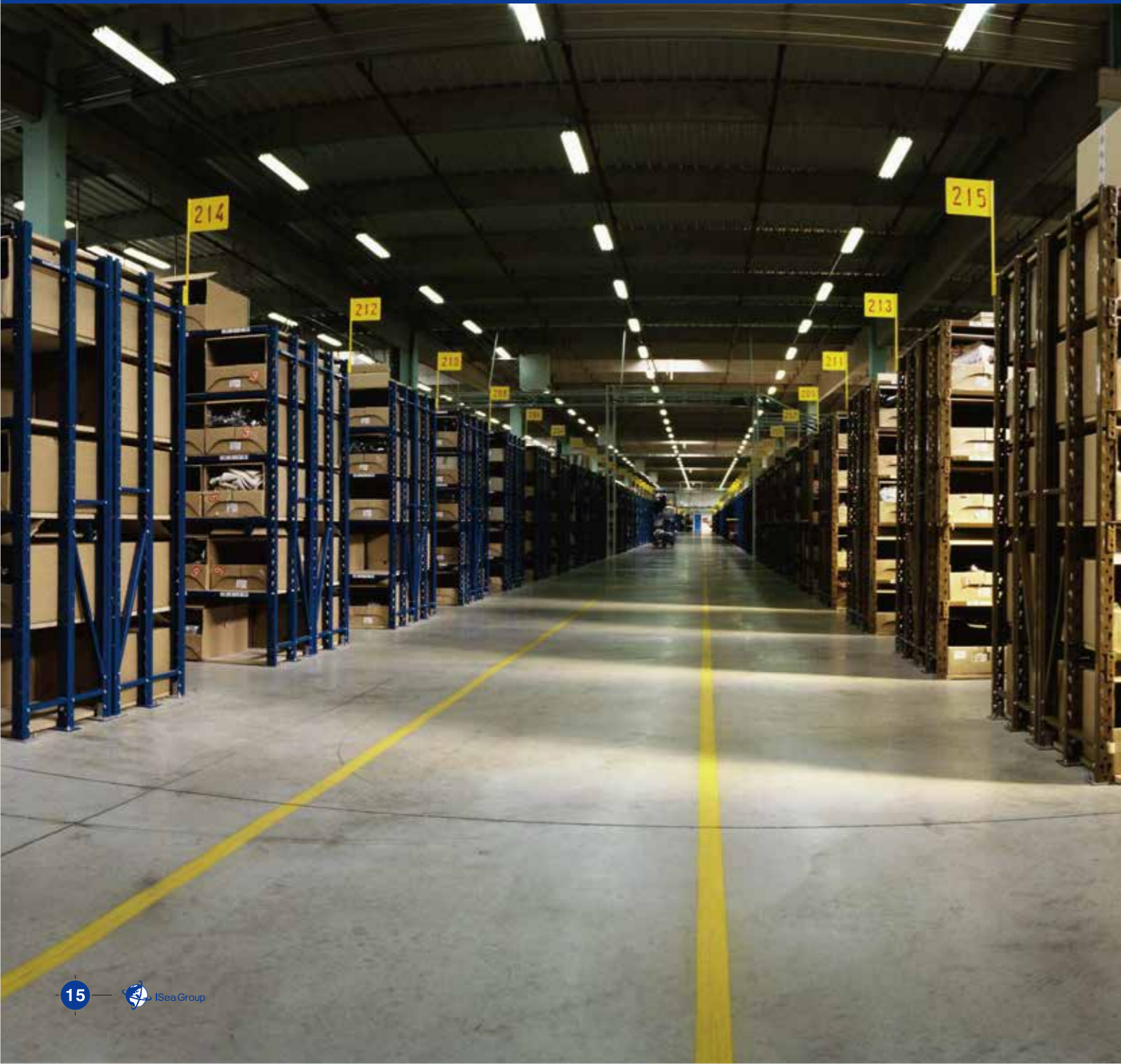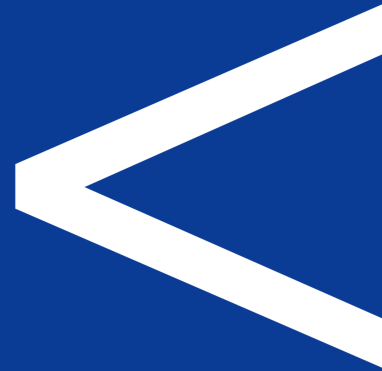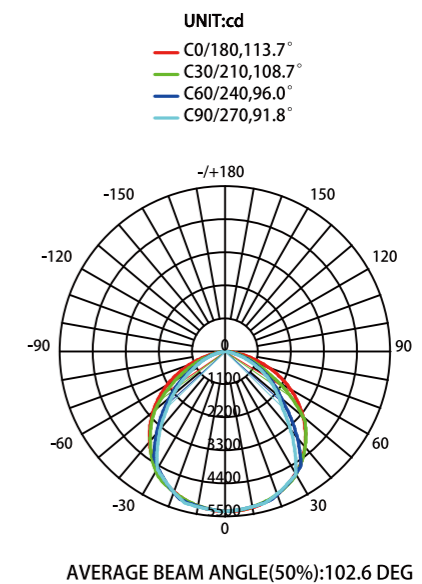
3 modes option
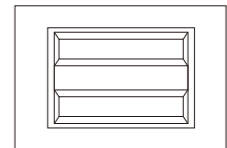
Without accessory
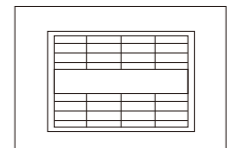
With Grids
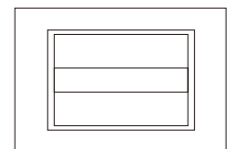
With Diffuser

Features

- Rated power:110~300w
- Dimming:0~10v
- 130 lm/w and 50,000H life span
- Installation:chain /cable mount /rod mount
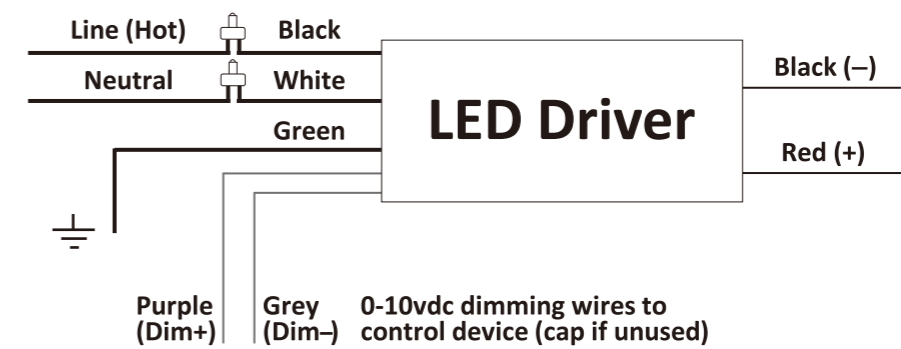
Applications

- Traditional lamp replacement
- Factories / Warehouses
- Supermarkets / Schools
- And more

UNIT:cd
- C0/180,113.7°
- C30/210,108.7°
- C60/240,96.0°
- C90/270,91.8°

-/+180

-150   150
-120   120
-90   90
-60   60
-30   30
0

AVERAGE BEAM ANGLE(50%):102.6 DEG

Technical Data

Model	CPS-F1A110-G8	CPS-F1A170-G8	CPS-F1A220-G8	CPS-F1A300-G8
Power(W)	110W	170W	220W	300W
Voltage(V)	100-277V			
PF	≥0.9			
Size	640x420x51mm		900x420x51mm	1200x420x51mm
Luminous Flux	15400lm±8%	23800lm±8%	30800lm±8%	42000lm±8%
CCT	3000~5500K			
Beam Angle	120°			
Carton	685X235X485mm/1 PC		1000X235X485mm/1 PC	1300X235X485mm/1 PC

Specifications above are only for CREP standard products, customized requirements are available.
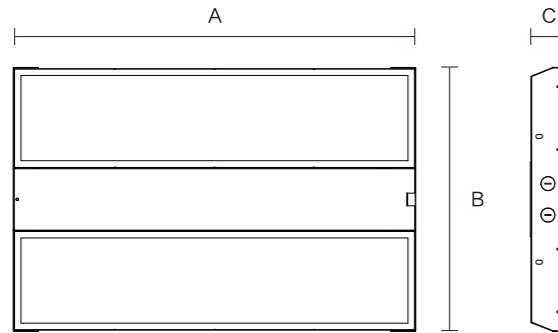
Product Name	A	B	C
1X2ft	640	420	51
1X3ft	900	420	51
1X4ft	1200	420	51

Unit:mm

Different grids type

▶ Installation
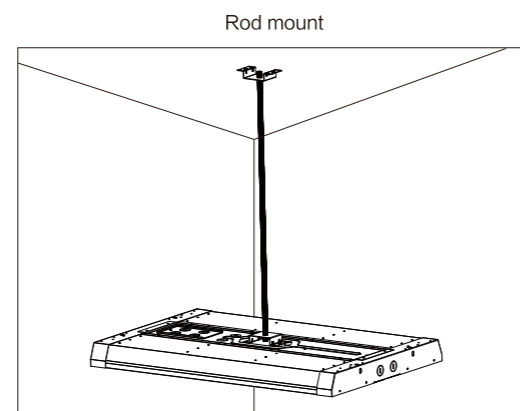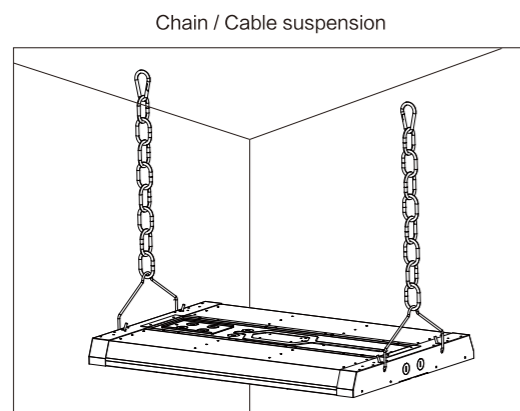
Chain / Cable suspension

Rod mount

▶ Warning

- Luminaire must be installed, checked and repaired by an authorized electrician.

- For proper operation, make sure to connect the luminaire to the proper voltage and install it according to these instructions.

- For safety purposes, cut off the power and allow the luminaire to cool before installing or removing it.

- Don't install the light in an unsatble ceiling or near combustille materials.

- Cut off the power if there are any unexpected occurrences.

- Do not alter or modify the luminaire or change any of the components.

- Do not use the luminaire under conditions of direct sunlight, humidity, fog, rain, corrosive gas, dust, or liquid.

▶ Wiring diagram

Line (Hot) — Black
Neutral — White
Green

LED Driver

Black (—)
Red (+)

Purple (Dim+)　Grey (Dim—)　0-10vdc dimming wires to control device (cap if unused)

G8 EM Driver Function Option

UFO Highbay G2A

UL/CUL:E468768

IP65

Item No:.	Power	Size (AxB)	Lumen	Beam Angle
CPS–YB100D–G2A	100W	Φ290x170mm	13000lm ± 8%	60°/90°/120°
CPS–YC150D–G2A	150W	Φ340x180mm	19500lm ± 8%	60°/90°/120°
CPS–YD200D–G2A	200W	Φ400x194mm	26000lm ± 8%	60°/90°/120°

■ CCT: 4000K 5000K 5700K 6500K

Available function:

AC 100-277V   PF ≥0.9   CRI ≥70/80   DIM 0~10

B

A
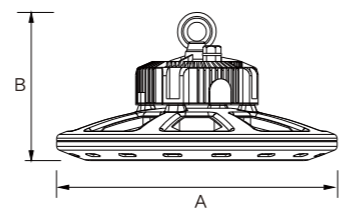
① Multiple reflectors optional
② PIR sensor
③ Microwave sensor
④ Daylight Sensor

Hook

LED driver

Heatsink

Aluminum PCB board

Waterproof Ring

Lens

## ▶ Modular concept design

■ Low Maintenance cost in time & labor
■ High efficient heat dissipation design
■ Special heat sink & housing
■ Wet location
■ IP65

▶ Installation

1 BRACKET INSTALLATION

Bracket

Fixture

2 CHAIN INSTALLATION

Ring

Chain bolt

Fixture

3 ROD MOUNTED

Fixture

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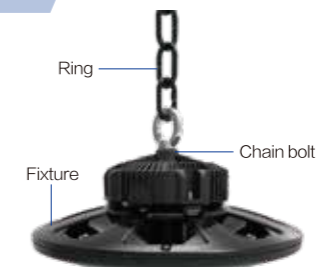
Modular Highbay G5

UL/CUL:E468768

Patented product

IP65

Structure

- Bracket
- Cover
- LED driver
- Heatsink
- Gear 30° 60° 90°
- Al PCB
- Diffuser
- PC cover
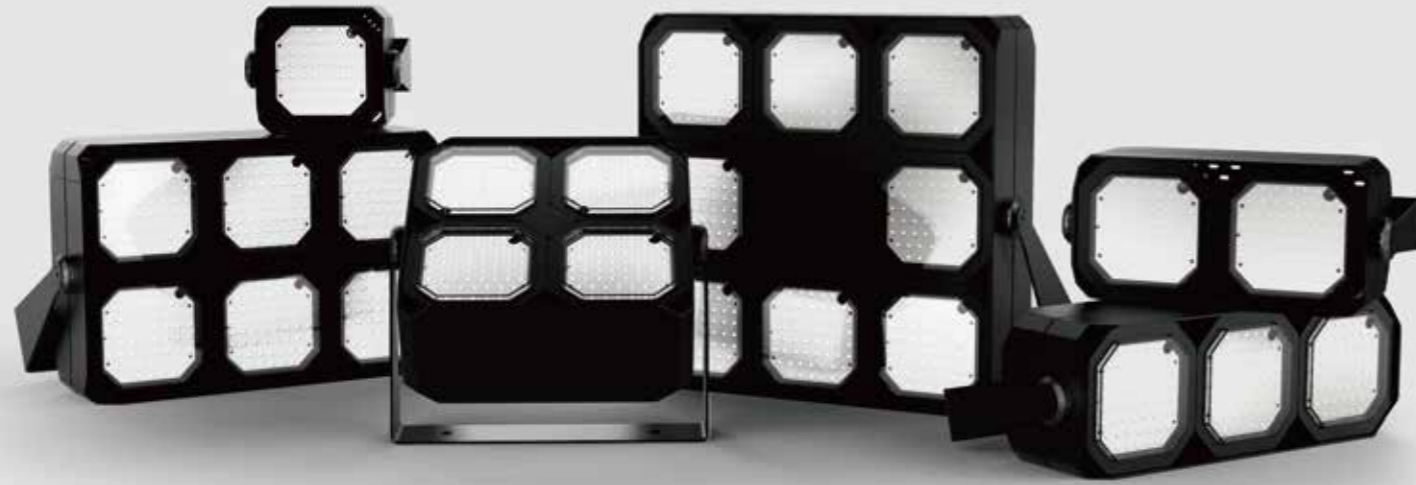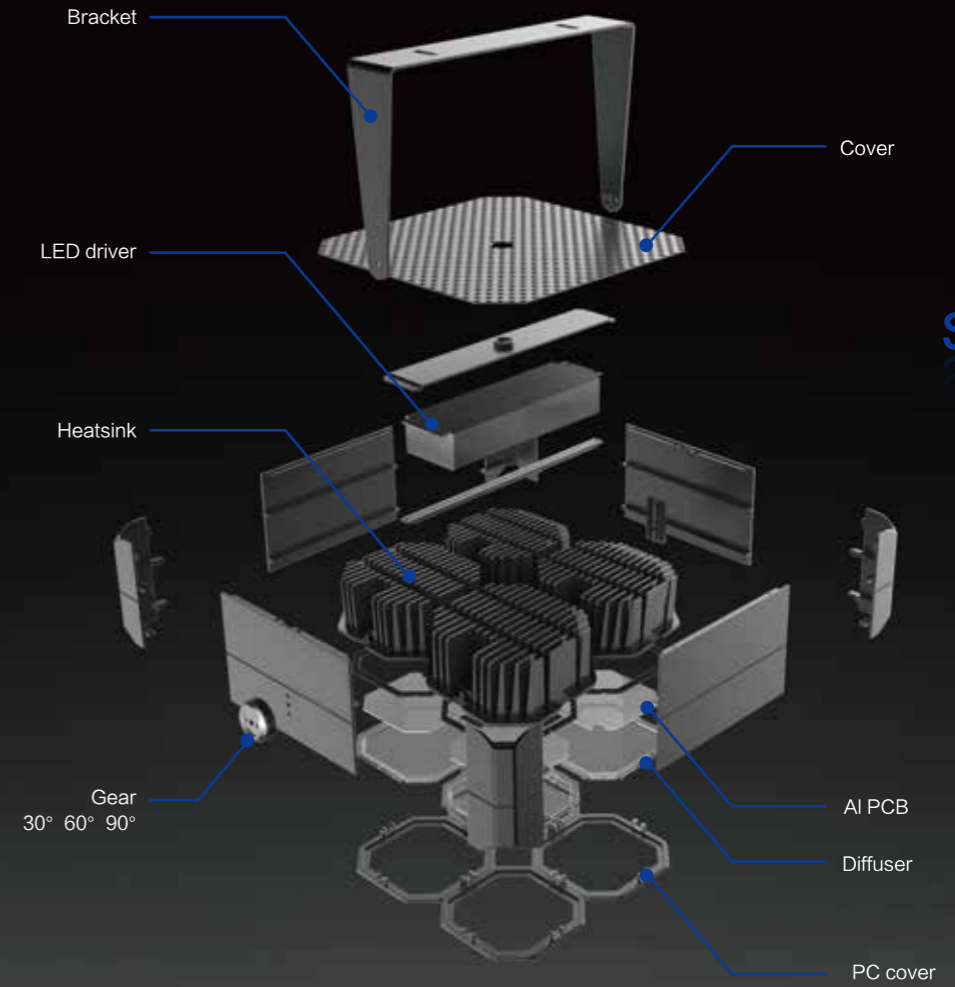
Item No:.	Power	Size (AxBxC)	Lumen	Beam Angle
CPS−FA040D−G5	40W	146.5x146.5x122mm	5600lm ± 8%	60°/90°/120°
CPS−FB080D−G5	80W	285x146.5x122mm	11200lm ± 8%	60°/90°/120°
CPS−FC120D−G5	120W	423.5x146.5x122mm	16800lm ± 8%	60°/90°/120°
CPS−FD160D−G5	160W	285x285x122mm	22400lm ± 8%	60°/90°/120°
CPS−FE240D−G5	240W	423.5x285x122mm	33600lm ± 8%	60°/90°/120°
CPS−FF320D−G5	320W	423.5x423.5x122mm	44800lm ± 8%	60°/90°/120°
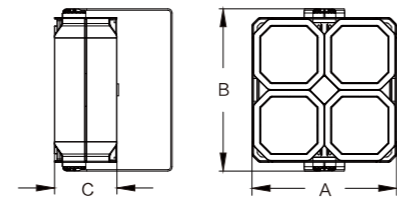
■ CCT: 4000K 5000K 5700K 6500K

AC 100−277V   PF ≥0.9   CRI ≥70/80   DIM 0-10

▶ Modular concept design

- ■ Low Maintenance cost in time & labor
- ■ High efficient heat dissipation design
- ■ Special heat sink & housing
- ■ Wet location
- ■ IP65
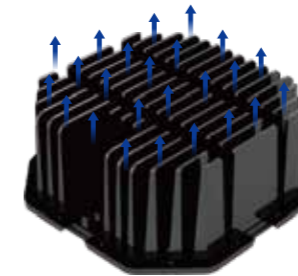
▶ Installation

Bracket installation
Ceiling or wall mounted

Chain installation

Rod Mounted

Parking lot light G6
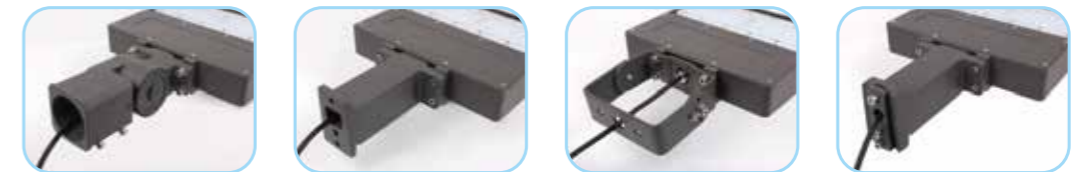
Different Brackets

Technical Data

Model	CPS-F1A80-G6	CPS-F1A100-G6	CPS-F1A150-G6	CPS-F1A200-G6	CPS-F1A240-G6	CPS-F1A300-G6
Power(W)	80W	100W	150W	200W	240W	300W
Voltage(V)	100-277V					
PF	≥0.9					
Size(mm)	433X290X148	535X322X148		741X345X168		
Luminous Flux	11000lm±8%	14000lm±8%	21000lm±8%	28000lm±8%	33600lm±8%	42000lm±8%
CCT	2700K~5000K					
Ra	>80					
Beam Angle	Type II S, Type II M, Type III S, Type IV, Type V					
Carton	530X380X160mm 1PC	590X380X165mm/1PC		800X400X205mm/1PC		

Specifications above are only for CREP standard products, customized requirements are available.
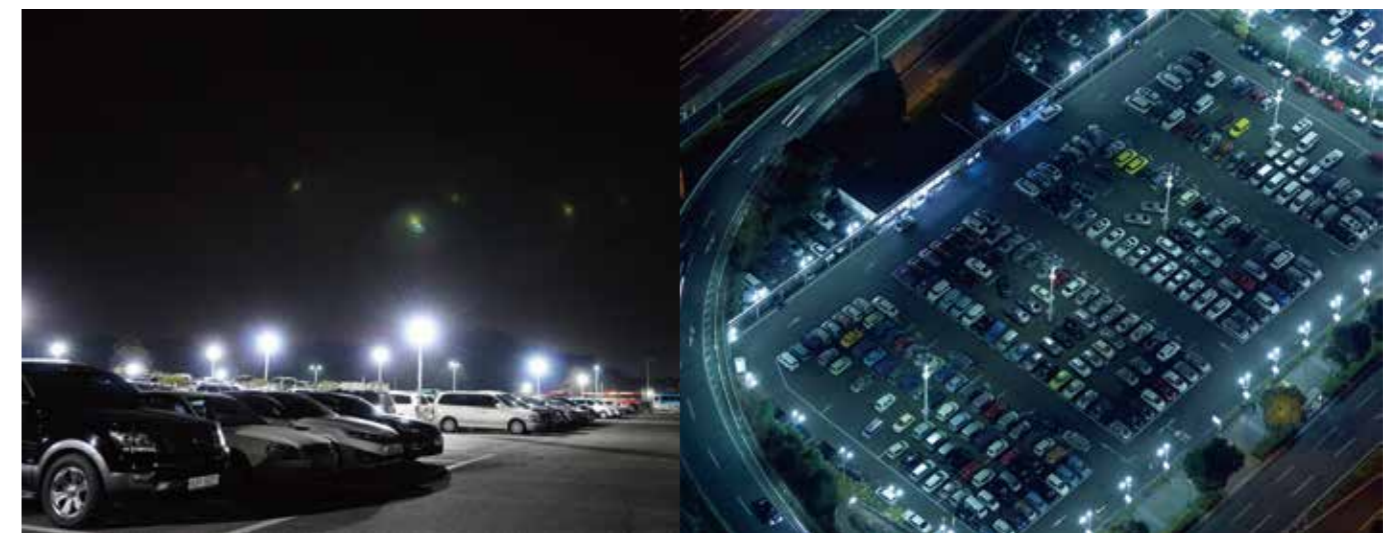
LED Down Light

(D18)

UL/CUL:E492428 E343374
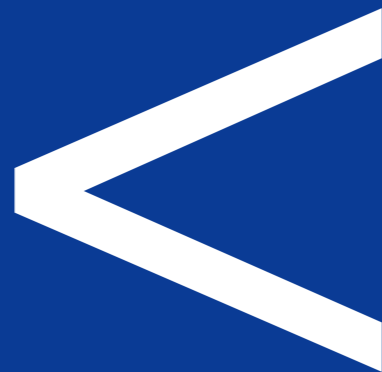
8 inch

6 inch

Item No:.	Power	Size	Cut out size	Lumen
CPS−F6B20−D18	20W			1880lm ± 8% / 2000lm ± 8%
CPS−F6B22−D18	22W	196*196*116.5	160*160mm	2068lm ± 8% / 2200lm ± 8%
CPS−F6B25−D18	25W			2350lm ± 8% / 2500lm ± 8%
CPS−F8B30−D18	30W			2800lm ± 8% / 3000lm ± 8%
CPS−F8B36−D18	36W	242*242*132.5	210*210mm	3380lm ± 8% / 3600lm ± 8%
CPS−F8B40−D18	40W			3760lm ± 8% / 4000lm ± 8%
CPS−F8B45−D18	45W			4200lm ± 8% / 4500lm ± 8%

■ CCT: 3000K 4000K 5000K

CRI >90 AC 100~277V PF ≥0.92 CRI ≥82 DIM 0-10V

▶ Ideal retrofit new construction solution for traditional downlight fixtures.
▶ All-in-one LED retrofit trim,both available with C-channel and general hanger bar.
▶ 100-277V input and uniform lit apperance.
▶ IES LM-79 and TM-21 certified.
▶ CRI:92 typical,SDCM 3Max
▶ Light efficacy: 94 LPW for CRI>90,100 LPW for CRI>80

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Suitable for E26 base & Gu24 base also.

▶ Installation (new construction):
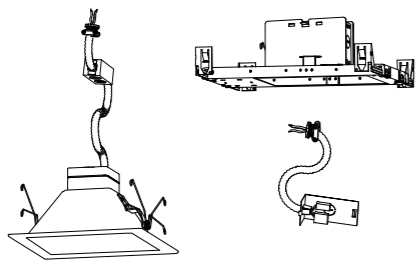
Check all the spare parts in the package (include the lamp and built-in fitting).
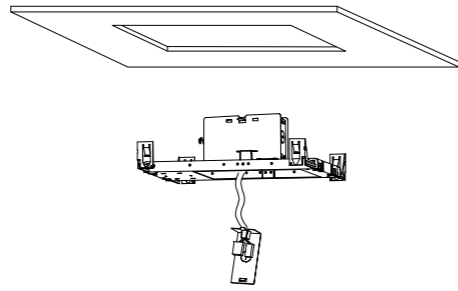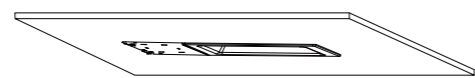
Open the hole on the ceiling according to the cut hole dimension, embed the built-in fitting according to the right position.
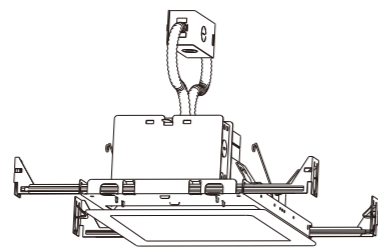
1	2
3	4
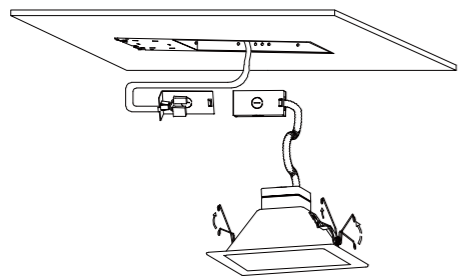
Connect the fixture and power on the built-in fitting with connector, push the spring back to insert the fixture to the hole , release the spring to fasten the fixture to the ceiling.
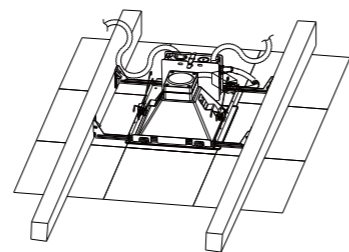
Finished the installation.

Built-in fitting

Side view

Front view

LED Down Light

（D24）

UL/CUL:E492428   E343374

8 inch

6 inch
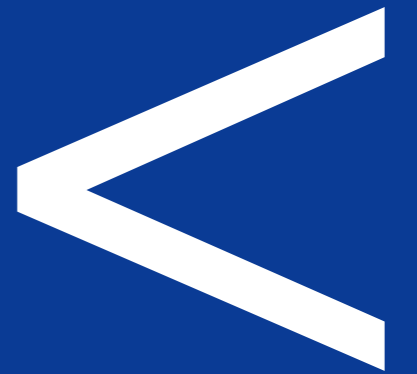
Item No:.	Power	Size	Cut out size	Lumen
CPS−Y6B15−D24	15W			1500lm ± 8%
CPS−Y6B18−D24	18W	Φ197*120	Φ150mm	1800lm ± 8%
CPS−Y6B20−D24	20W			2000lm ± 8%
CPS−Y8B30−D24	30W	Φ248*135	Φ200mm	3000lm ± 8%
CPS−Y8B36−D24	36W			3600lm ± 8%

■ CCT: 3000K 4000K 5000K

CRI >90 · AC 100−277V · PF ≥0.92 · CRI ≥82 · DIM 0−10V · c(UL)us LISTED · c(UL)us CLASSIFIED · FC · energy

Built−in fitting

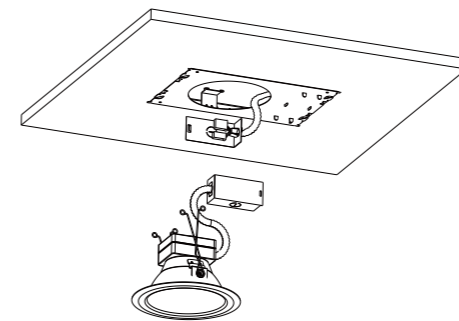Suitable for E26 base & Gu24 base also.
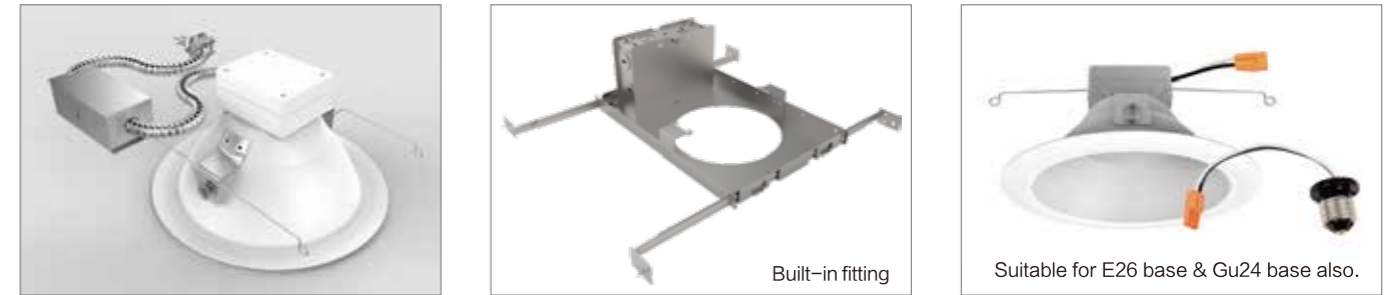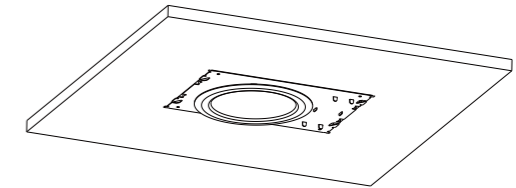
▶ Installation (new construction):
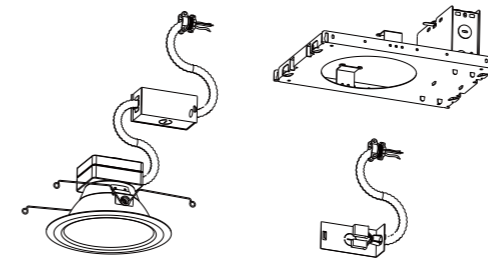
1 Separate the housing end coiler pipe from the light and connect it to the built−in fitting
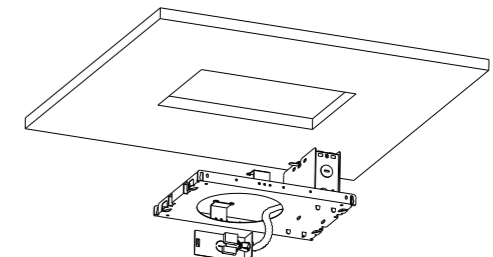
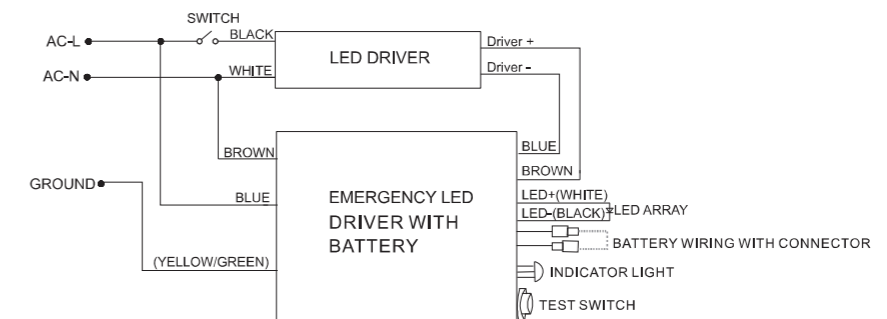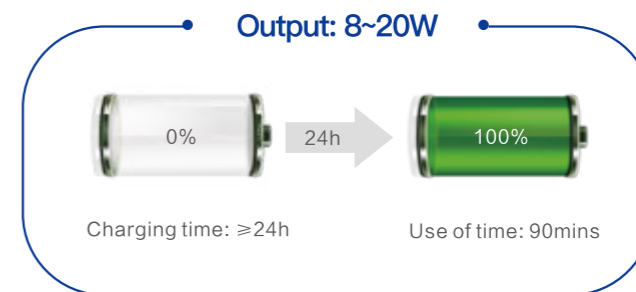**2** Install the built−in fitting to the ceiling.

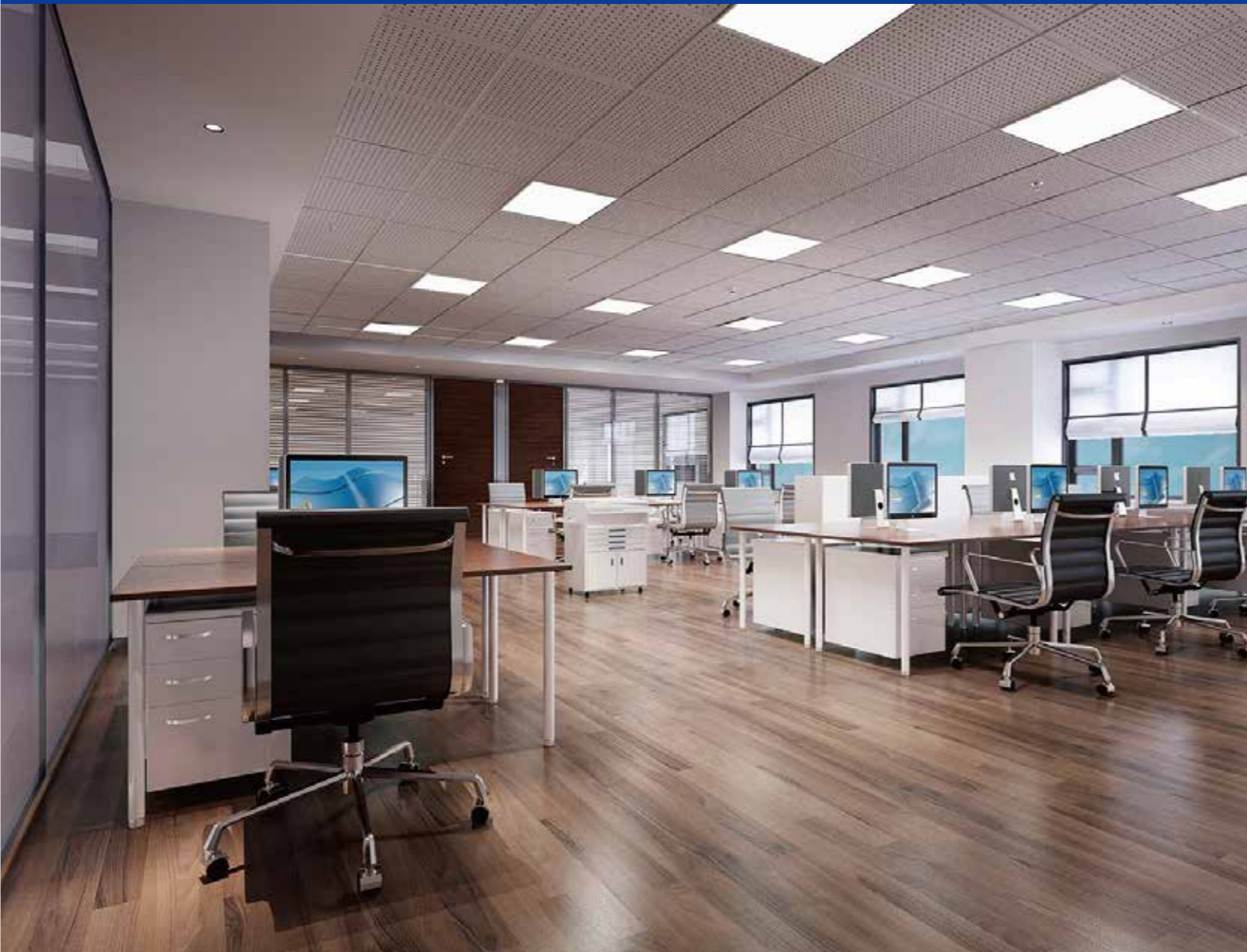**3** Connect the coiler pipe from the light to the built−in fitting and fixed the spring to the light.

4 Press the light to the ceiling ,lock the light to the ceiling with the spring.

▶ Emergency (for 15~45W Led lamp)

Output: 8~20W

0% → 24h → 100%

Charging time: ≥24h   Use of time: 90mins

AC-L
AC-N
SWITCH
BLACK
WHITE
LED DRIVER
Driver +
Driver −
BROWN
GROUND
BLUE
(YELLOW/GREEN)
EMERGENCY LED DRIVER WITH BATTERY
BLUE
BROWN
LED+(WHITE)
LED−(BLACK)
LED ARRAY
BATTERY WIRING WITH CONNECTOR
INDICATOR LIGHT
TEST SWITCH

LED Strip Retrofit Kit

UL LISTED DLC FC (P24)
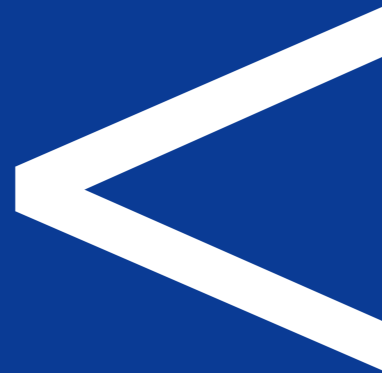
Features

- Unique & elegant design
- Dimming:0~10v
- 130 lm/w and 50,000H life span
- Magnetic Installation

Technical Data

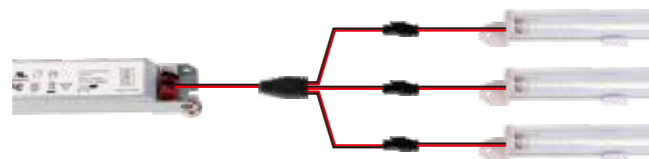| Model	CPS-U4B30-P24	CPS-U4B40-P24	CPS-U5B40-P24	CPS-U5B45-P24
Power(W)	30	40	40	45
Voltage(V)	100-277V			
PF	≥0.9			
Size	576X22X22mm		1186X22X22mm	
Luminous Flux	3900lm±8%	5200lm±8%	5200lm±8%	5850lm±8%
Color Temp	3000~5500K			
Beam Angle	120°			
Carton	615X420X280mm/50PCS	615X530X280mm/50PCS	1220X420X280mm/50PCS	1220X530X280mm/50PCS

Specifications above are only for CREP standard products, customized requirements are available.
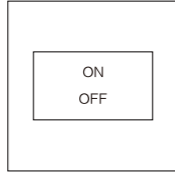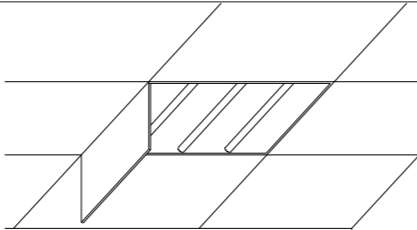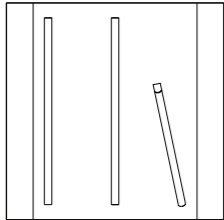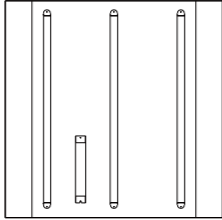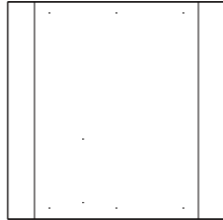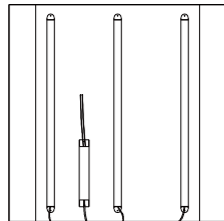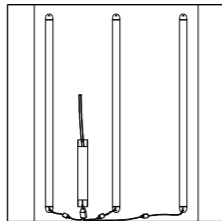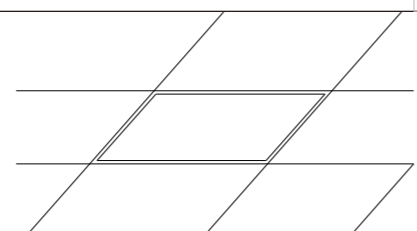
One by two:
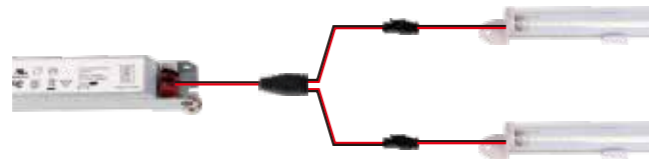
One by three:

Installation

	ON OFF — Turn off all power from circuit breaker. **1**	Open the existing fixture cover. **2**
Remove all existing fluorescent tubes & ballast. **3**	Put the strips and power supply evenly on the fixture,and mark the position of the screw hole. **4**	Remove the strips and power supply,drill the hole with 2.5mm drill in marking position. **5**
Connect the led driver to the AC power. connect the other side of driver and led strip via quick connectors. **6**	Fix the strip on the fixture with the screws and tidy up the terminal wires. **7**	Close the fixture cover. **8**

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2G11 LED Tube
(F10)

No Flicker
More Protect Eyes
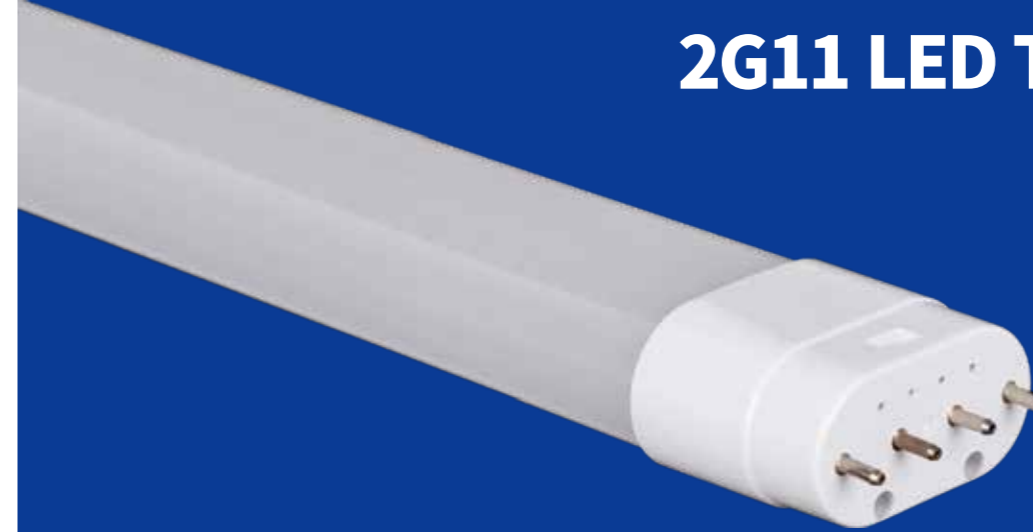
UL/CUL:E343376

Technical Data

Customized technical data is available, including power consumption, light efficiency, LED type, size, CRI, etc.
The parameter in below table is the regular product specification from CREP.

Item No.	CPS–AA09–F10	CPS–BA12–F10	CPS–CA18–F10	CPS–DA22–F10
Length (Not include pin)	216mm	318mm	410mm	530mm
Power(W)	9W	12W	18W	22W
Luminous Flux(LM)	1080±8%	1440±8%	2160±8%	2640±8%
Carton(mm)	250X260X170 (30PCS/CTN)	355X260X170 (30PCS/CTN)	450X260X170 (30PCS/CTN)	570X260X170 (30PCS/CTN)

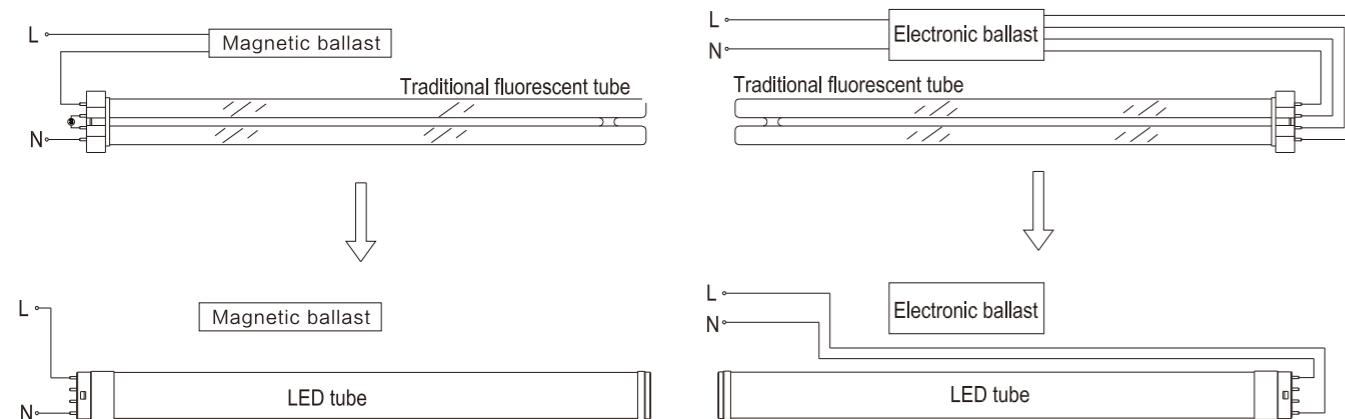## 2G11 LED tube advantages

◉ Taking the up–to–date constant current circuit technology. The constant current precision up to within ±3%,high efficiecy, low harm–onic,high power factor,etc. It can be used globally with wide range working voltage AC100~277V 50–60Hz.

Remark: Common technical features for 2G11 LED tube

Diameter(mm)	Voltage (V)	Drive mode	Power Factor (PF)	Lighting Effect (LM/W)	Color Rendering (Ra)	Material	Design Lifespan	Working Temperature(℃)
Φ42x24	AC100–277V 50–60Hz	Switch constant current	≥0.92	120 (Frosted)	≥82	AL6063+PC (Frosted)	≥50000H	−25℃−45℃

Wiring diagram for LED tube light

L — Magnetic ballast
Traditional fluorescent tube
N

L — Electronic ballast
N
Traditional fluorescent tube

L — Magnetic ballast
LED tube
N

L — Electronic ballast
N
LED tube

Electronic and Magnetic Ballast Compatible & Direct AC Input (UL/DLC Approval)

Technical Data

Customized technical data is available, including power consumption, light efficiency, LED type, size, CRI, etc.
The parameter in below table is the regular product specification from CREP.

Item No.	CPS–4E18–F1
Length (Not include pin)	1198mm
Power(W)	18W
Luminous Flux(LM)	2340±8%
Carton(mm)	1250X205X235 (25PCS/CTN)

Remark: Common technical features for T8 LED tube

Diameter(mm)	Voltage (V)	Drive mode	Power Factor (PF)	Lighting Effect (LM/W)	Color Rendering (Ra)	Material	Design Lifespan	Working Temperature(℃)
Φ28	AC100–277V 47/63Hz	Switch constant current	≥0.92	130	≥82	AL6063+PC milky white/transparent	≥50000H	−25℃~45℃

LED Tube (Type B)
(F2) (Al+PC)

UL/CUL:E343374

Technical Data

Customized technical data is available, including power consumption, light efficiency, LED type, size, CRI, etc.
The parameter in below table is the regular product specification from CREP.

Item No.	CPS−2FT−12	CPS−3FT−12	CPS−4FT−12	CPS−5FT−12	CPS−6FT−12	CPS−8FT−12
(Not include pin)Length	588mm	893mm	1198mm	1498mm	1762mm	2373mm
Power(W)	10W	15W	18W	22W	28W	38W
Luminous Flux(LM)	1250 ± 8%	1950 ± 8%	2340 ± 8%	2860 ± 8%	3600 ± 8%	4800 ± 8%
Carton(mm)	640X205X235 (25PCS/CTN)	945X205X235 (25PCS/CTN)	1250X205X235 (25PCS/CTN)	1550X205X235 (25PCS/CTN)	1815X205X235 (25PCS/CTN)	2425X205X235 (25PCS/CTN)

Remark: Common technical features for T8 LED tube

Diameter(mm)	Voltage (V)	Drive mode	Power Factor (PF)	Lighting Effect (LM/W)	Color Rendering (Ra)	Material	Design Lifespan	Working Temperature(℃)
Φ28	AC100−277V 47/63Hz	Switch constant current	≥0.95	130	≥82	AL6063+PC milky white/transparent	≥50000H	−25℃~45℃

The wattage and parameters in above sheet are the standard data for CREP product, special or customer's requirement on watt−age and parameter is also available.

Installation

1.Cut off the power before installation;
In accordance with the direction on the label of led tube, plug in the corresponding section of the direction of access to L, N.

LED tube Wiring Modes

Single end AC input wiring mode

LED Tube (Type B)
(F7) (PC)

UL/CUL:E343374

No Flicker
More Protect Eyes

Technical Data

Item No.	CPS−2FT−14	CPS−4FT−14 12W	CPS−4FT−14 15W	CPS−4FT−14 18W
(Not include pin) Length	588mm	1198mm	1198mm	1198mm
Power(W)	10W	12W	15W	18W
Luminous Flux(LM)	1200 ± 8%	1800 ± 8%	2000 ± 8%	2200 ± 8%
Carton(mm)	620*224*175 (30PCS/CTN)	1230*224*175 (30PCS/CTN)	1230*224*175 (30PCS/CTN)	1230*224*175 (30PCS/CTN)

Remark: Common technical features for T8 LED tube

Diameter(mm)	Voltage (V)	Drive mode	Power Factor (PF)	Lighting Effect (LM/W)	Color Rendering (Ra)	Material	Design Lifespan	Working Temperature(℃)
Φ26	AC100−277V 47/63Hz	Switch constant current	≥0.92	120/150 Frosted	≥82	PC Frosted	≥50000H	−25℃~45℃

Customized technical data is available, including power consumption, light efficiency, LED type, size, CRI, etc.
The parameter in below table is the regular product specification from CREP.

Installation

1.Cut off the power before installation;
In accordance with the direction on the label of led tube, plug in the corresponding section of the direction of access to L, N.

Wiring diagram for LED tube light

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