

# Datasheet

## **LunaRing** Ceiling Light

60% energy saving

50,000 hous life

5 years warranty

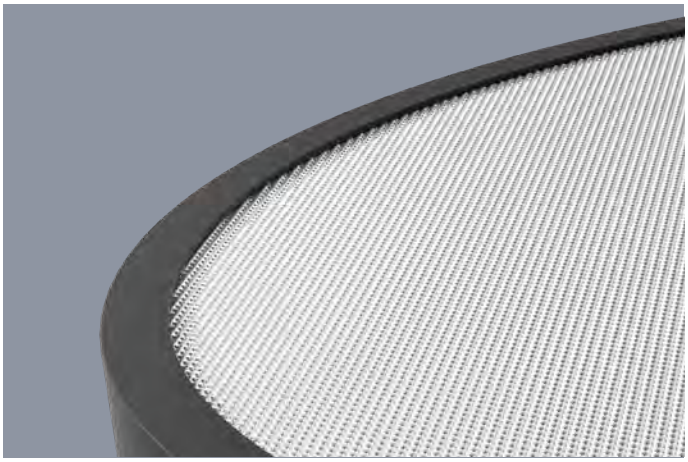
## • Product Picture


Rod Installation


Ceiling Mounting


Suspension Installation





## • Features

> Up to 120lm/w
> Aluminum round shape + Prismatic diffuser UGR＜19
> Junction box for easy installation
> Various of function options
> 5 years warranty

## • Options

> F1: ON-OFF (In Stock)
> F2: Motion sensor (Special Request only)
> F3: Emergency (Special Request only)
> F4: DALI Dimming+EM (Special Request only)
> F5: DALI Dimming+MS (Special Request only)
> F6: ON-OFF+MS+EM (Special Request only)

## • Applications


Education Lighting :
Classroom, Library, Canteen


Residential Lighting :
Living room, Bedroom,Study


Office Lighting :
Office, Conference room

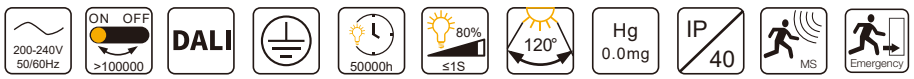

Commercial Lighting :
Market , Cafe, Restaurant

## • Data sheet

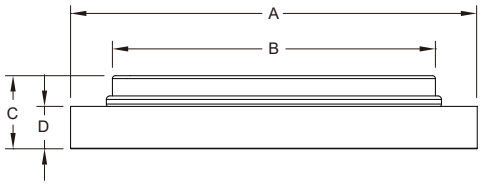
| Item | Symbol | LunaRing Ceiling Light | | |
|---|---|---|---|---|
| Rated Power | W | R350 | R450 | R600 |
| | | 18W-22W-25W-30W | 22W-28W-32W-40W | 30W-36W-43W-50W |
| Product Code | / | CL100-35W-KT1-30F0 | CL110-45W-KT1-40F01 | CL120-60W-KT1-50F |
| LED Type/Qty | SMD2835 | 15C4B*2 | 15C6B*2 | 15C6B*2 |
| Lumen Efficacy | LM/W | Typ:120lm/w | Typ:120lm/w | Typ:120lm/w |
| Luminous Flux | LM | Typ:2160lm-2640lm-3000lm-3600lm | Typ:2640lm-3360lm-3840lm-4800lm | Typ:3600lm-4320lm-5160lm-6000lm |

## • ErP Technical Specification

| Item | Symbol | Specification / Data | | |
|---|---|---|---|---|
| Color Index | CRI | Ra>80 | | |
| Energy efficiency Class | / | E | | |
| Color consistency in level | / | SDCM<5 | | |
| THD | % | ≤20% | | |
| Starting Time | S | 2 | | |
| Switching Cycle before Failure | / | / | | |
| Premature failure rate @1000h | / | / | | |
| Cloor Temperature | TC(K) | 3000K / 4000K / 5000K | | |
| Function | / | ON-OFF, ON-OFF+EM, ON-OFF+MS, DALI Dimming, DALI+EM, DALI+MS， ON-OFF+MS+EM | | |
| MS Function | / | Stand-by MS (corridor function) as standard | | |
| EM Function | / | 1W/3H | | |
| Flicker OR Not | / | Flicker Free | | |
| Power Factor | PF | PF=0.9C~0.95 | | |
| LED current | mA | / | | |
| Iput Voltage | V | AC200~240V 50/60Hz | | |
| Working Voltage | V | 15-52V | 30-52V | 30-52V |
| Protection Class | IP | IP40 | | |
| Temperature | ˚C | ta：-20...45℃ | | |
| Life Span | h | at tc=85℃: 50,000 hrs; at tc=75℃: 100,000 hrs | | |
| Warranty | / | 5 years,EM batteny 3 years warranty | | |
| Pst LM/SVM | / | / | | |



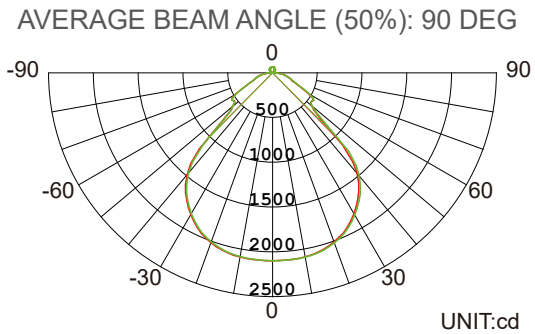

## • Dimension




| Product Code | A | B | C | D |
|---|---|---|---|---|
| CL100-35W-KT1-30F | 350 | 278 | 63 | 36.5 |
| CL110-45W-KT1-40F | 450 | 278 | 63 | 36.5 |
| CL120-60W-KT1-50F | 600 | 380 | 63 | 36.5 |

Unit: mm

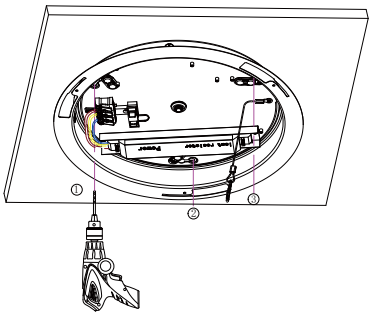
## • Photometry Curve



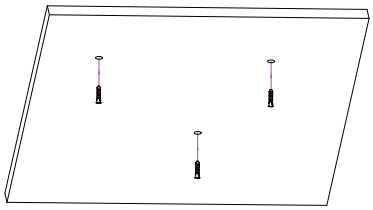
LEDISON LIGHTING

• Installation instructions

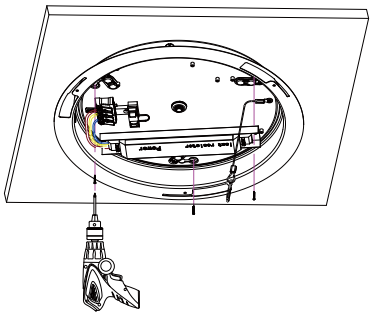
## Ceiling Mounting



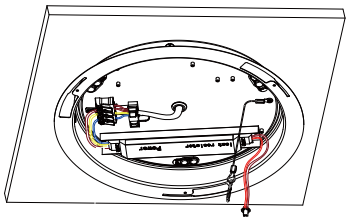
1. Cut off the AC power, use the junction box to locate the screw hole on the ceiling.



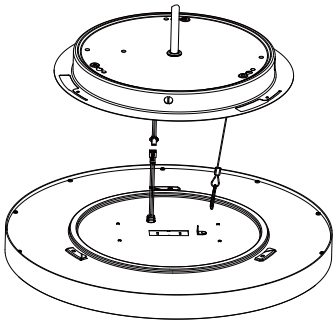
2. Insert the screw sleeve into the fixing hole.



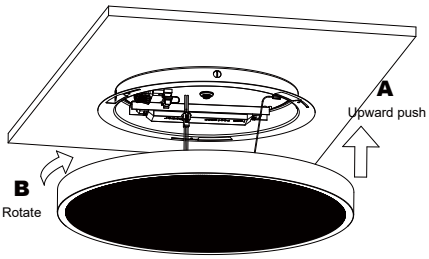
3. Fixing the junction boxon the ceiling.



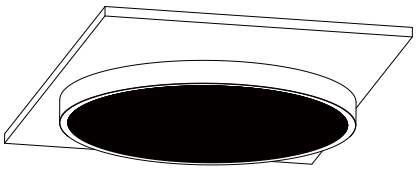
4. Connect the wiring terminals.



5. Connect the safety rope and PCB & driver cables.

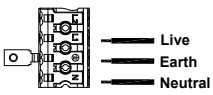



6. Push the light fixture upward to align it with the junction box, then rotate the light fixture to lock it in place. Refer to steps A and B for details.

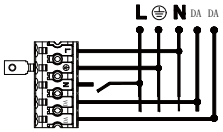


7. Turn on the light and check if working properly.

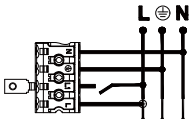
### Install the wiring




ON-OFF wiring

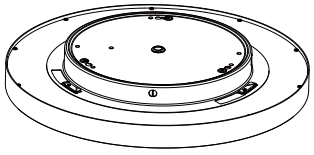



DALI wiring

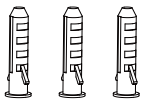



ON-OFF+ emergency wiring

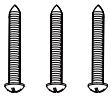
### Parts included



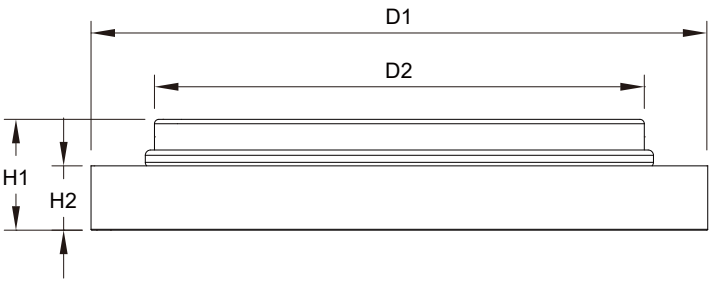
1PCS



3PCS



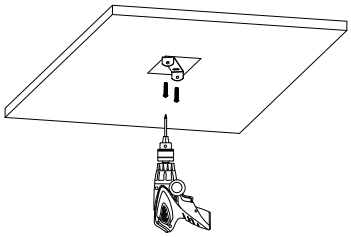
3PCS



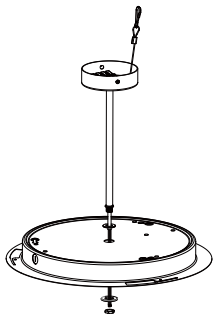

| Size chart(mm) | | | |
|---|---|---|---|
| D1 | D2 | H1 | H2 |
| 350 | 278 | 63 | 36.5 |
| 450 | 278 | | |
| 600 | 380 | | |

LEDISON LIGHTING

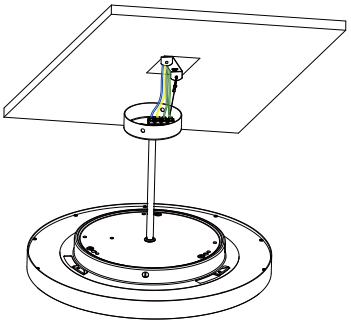
## Rod Installation



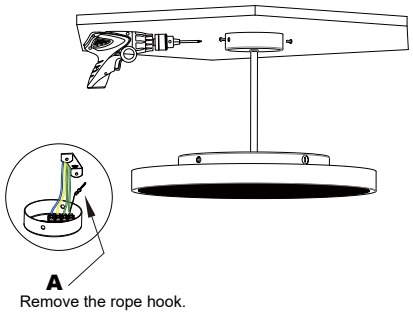
1. Cut off the AC power and fix the ceiling box bracket to the pre-embedded junction box.



2. Assemble the pendant rod with the junction box and connect the internal wiring according to the correct wires.

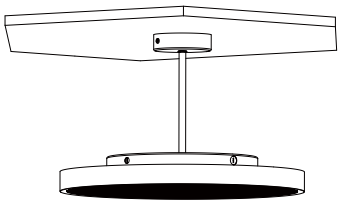


3. Hang the safety rope in the screw hole, then connect the AC power supply as shown in the wiring diagram on the right.



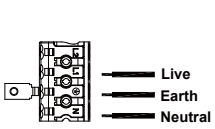

Remove the rope hook.

4. As shown in A, remove the rope from the screw hole, then push the light fixture upward and tighten the mounting screws.

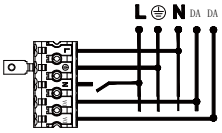


5. Turn on the light and check if it was working properly.

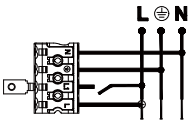
### Install the wiring




ON-OFF wiring

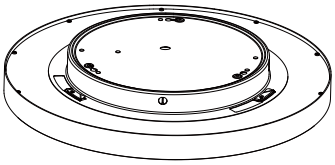



DALI wiring

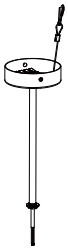



ON-OFF+ emergency wiring

### Parts included



1PCS



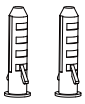
1PCS



1PCS



2PCS



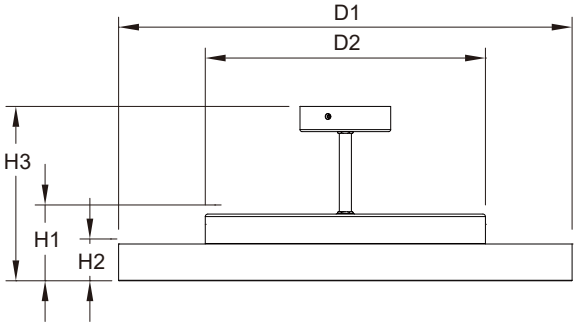
2PCS



2PCS

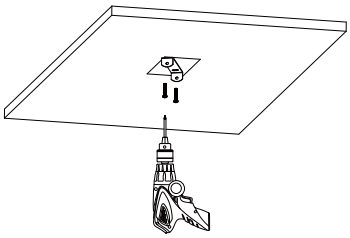


2PCS

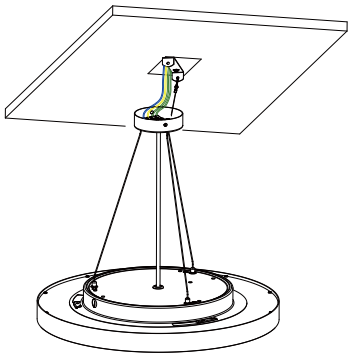



| Size chart(mm) | | | | |
|---|---|---|---|---|
| D1 | D2 | H1 | H2 | H3 |
| 350 | 278 | 63 | 36.5 | 323 |
| 450 | 278 | | | |
| 600 | 380 | | | |

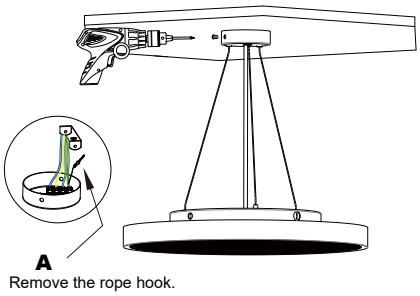
## Suspension Installation



1. Cut off the AC power and fix the ceiling box bracket to the pre-embedded junction box.

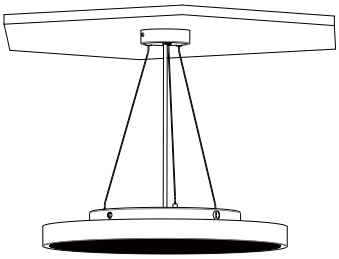


2. Hang the safety rope in the screw hole, then connect the AC power supply as shown in the wiring diagram on the right.



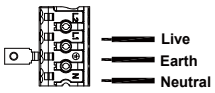

Remove the rope hook.

3. As shown in A, remove the rope from the screw hole, then push the light fixture upward and tighten the mounting screws.

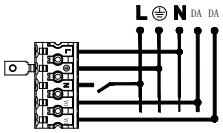


4. Turn on the light and check if it was working properly.

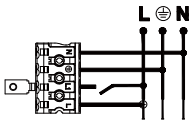
### Install the wiring




ON-OFF wiring

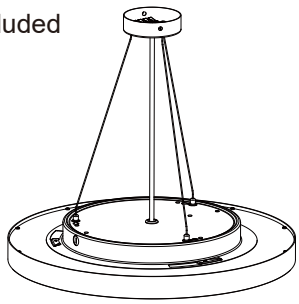



DALI wiring




ON-OFF+ emergency wiring

### Parts included



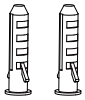
1PCS



1PCS



2PCS



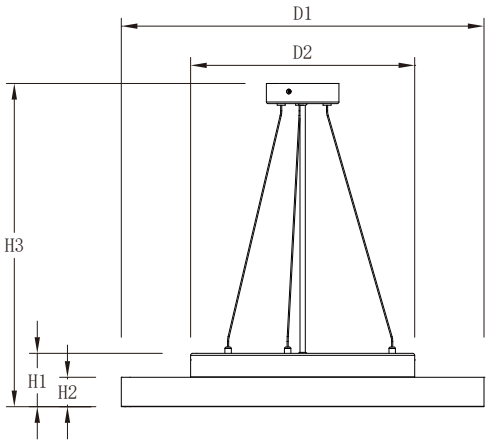
2PCS



2PCS

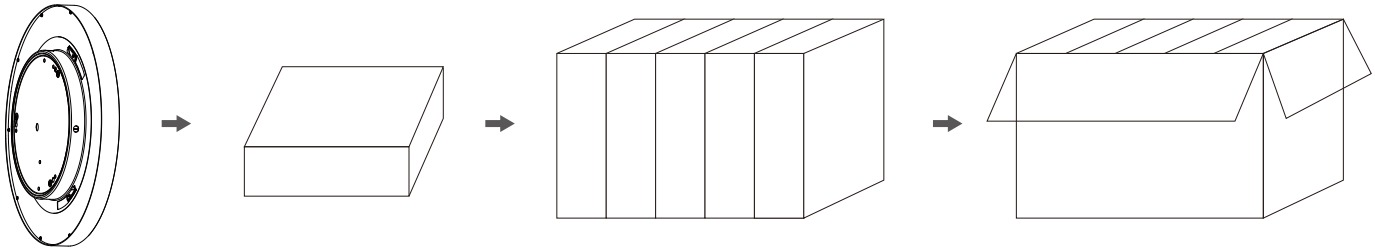


2PCS




| Size chart(mm) | | | | |
|---|---|---|---|---|
| D1 | D2 | H1 | H2 | H3 |
| 350 | 278 | 63 | 36.5 | 1265 |
| 450 | 278 | | | |
| 600 | 380 | | | |

## • Package



Light | Inner Box | 5Pcs | Outer Carton

| Product Code | Installation | Rate Power | Inner Box | Outer Carton | Qty/Carton | Unit N.W | G.W/Carton |
|---|---|---|---|---|---|---|---|
| CL100-35W-KT1-30F01 | Ceiling mounted | 18W-22W-25W-30W | 360 x 360 x 70mm | 750 x 375 x 380mm | 10Pcs | 0.95kg | 3.32kg |
| CL100-35W-KT1-40F01 | Rod/Suspend | 22W-28W-32W-40W | 460 x 460 x 70mm | 750 x 475 x 380mm | 10Pcs | 1.71kg | 8.84kg |
| CL110-45W-KT1-40F01 | Ceiling mounted | 22W-28W-32W-40W | 460 x 460 x 75mm | 475 x 400 x 480mm | 5Pcs | 2.00kg | 11.12kg |
| CL110-45W-KT1-40F01 | Rod/Suspend | 22W-28W-32W-40W | 460 x 460 x 75mm | 490 x 400x 480mm | 5Pcs | 2.20kg | 14.52kg |
| CL120-60W-KT1-50F01 | Ceiling mounted/Rod/Suspend | 30W-36W-43W-50W | 610 x 610 x 75mm | 625 x 400x 630mm | 5Pcs | 2.85kg | 14.52kg |

## CAUTION

※ In case of electric shock, please make sure the power is off before installation.

※ The lamp should be installed and operated by a qualified electrician or technician in accordance with relevant local codes.

※ Do not use sharp tools near or on the surface of the lamp.

※ Unpack and examine the product carefully. Report any damage and save all packing materials if any portion of the product was damaged during transportation.