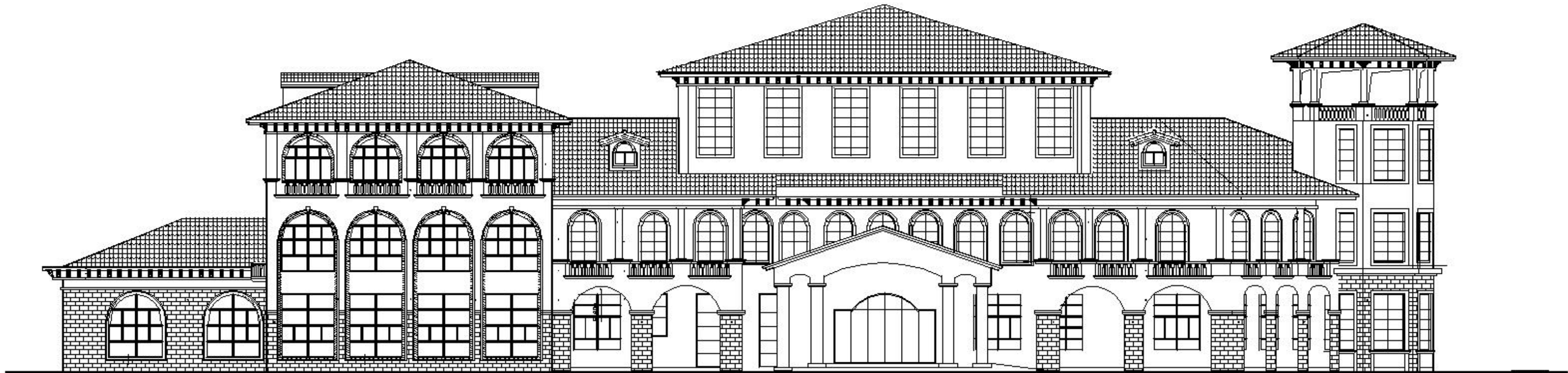


# LED Ceiling Light

LED Ceiling Light is widely used in our lighting projects, you can find it easily in our House, Office, Hotel, Shopping-mall, Parking lot, etc., can be installed in the Rooms, Stair-well, Corridor, Balcony, and even Showrooms, just according to your lighting requirement.

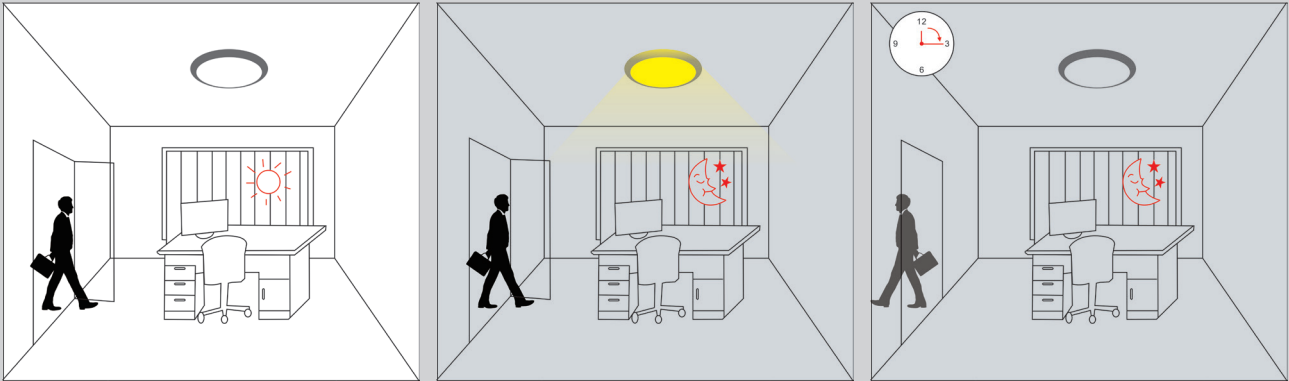
Rayven Lighting offers different solutions of LED Ceiling Lights according to all these lighting areas, and our ceiling lights can be set with **Single power or Twin-Power, Color temperature changeable, up to 160lm/W, CRI>97, SDCM<3 & 5 Years Warranty**, optional with **IP44, IP54 & IP65**, can be Surface Mounted, Pendant Installation, with smooth & uniform lighting performance, sure to fit with your projects perfectly.

What's more, these LED Ceiling Lights can be with Motion Sensor, Master-Slave Sensor, Emergency, DALI Control (DT6 / DT8), 0-10V Dimming, Triac Dimming and WiFi, Zigbee & Bluetooth Smart control.



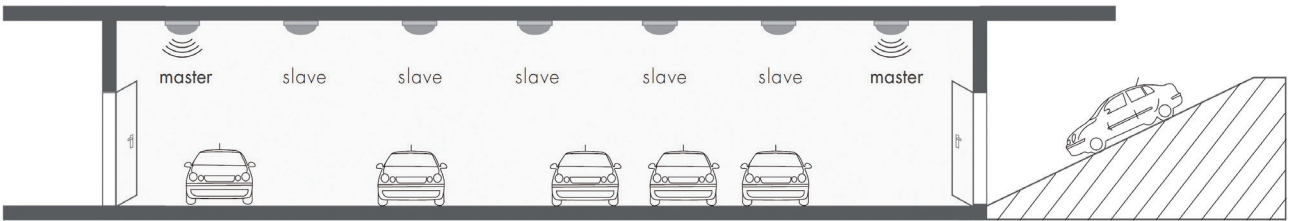
Microwave Motion sensor

The microwave sensor models feature dusk-till-dawn functionality,lighting areas in low light conditions when required.Built-in Daylight sensors, which enables you to fully take advantage of daylight and maintain sufficient light levels during dusk and dawn,and saving around 20-60% energy. And the Sensor can be set to turn off from 100%-50%-30%-10%-0 after some seconds when there is nothing to be detected.



Master-slave sensor

The Master lighting is to have a Micro-wave Motion Sensor in one luminaire (the “Master light”) controlling a small group of other luminaire(the “Slave light”). The whole group of slave lights will switch on as soon as the master light is activated, and switch off when the master light is off.



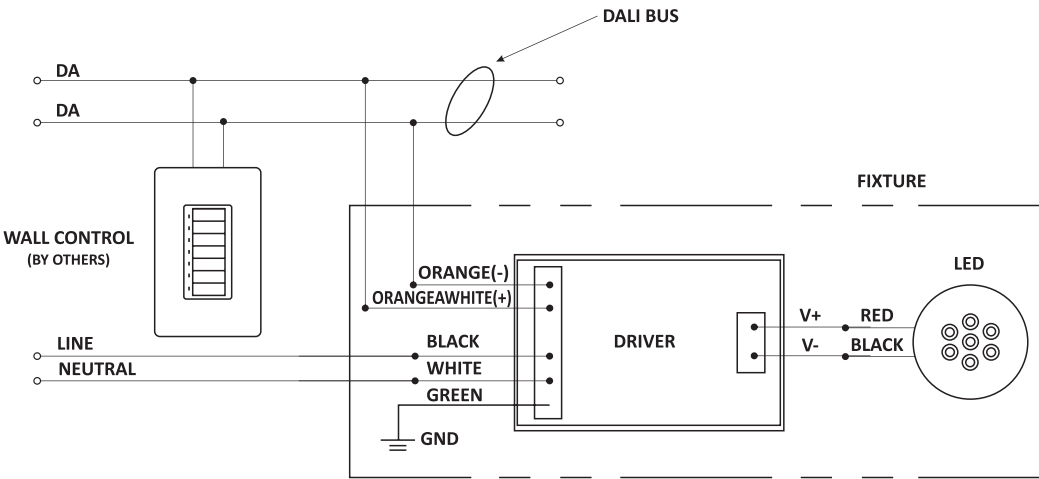
Emergency options

An integral self-testing emergency version is available, can be come with 1 hr to 3 hrs emergency options according to your project requirement. The Li-lion Battery can be charged-discharged for 500 times with 1 year warranty.



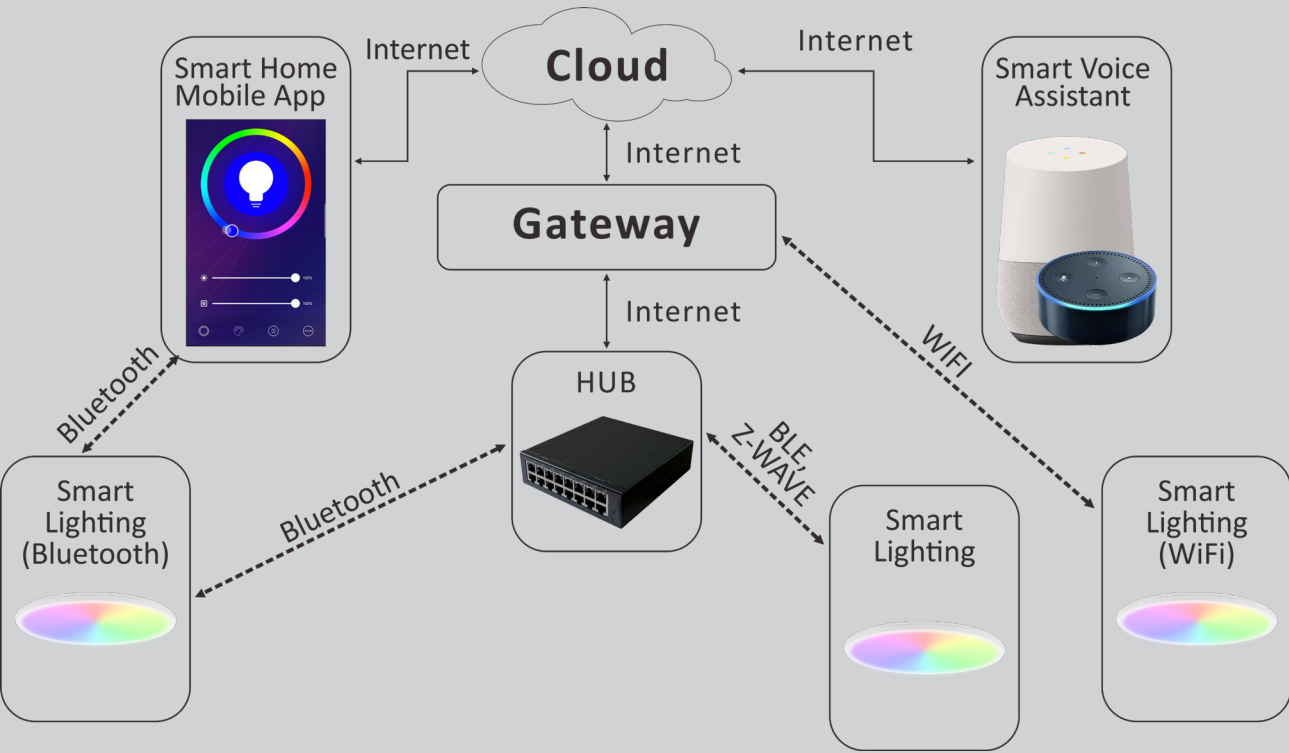
DALI 2.0

The luminaires compatible with DT6 and DT8 DALI dimming. DALI DT8 and DALI DT6 are essentially DALI’s control systems. While one is for color controllable luminaires, the other defines the control gears scope.

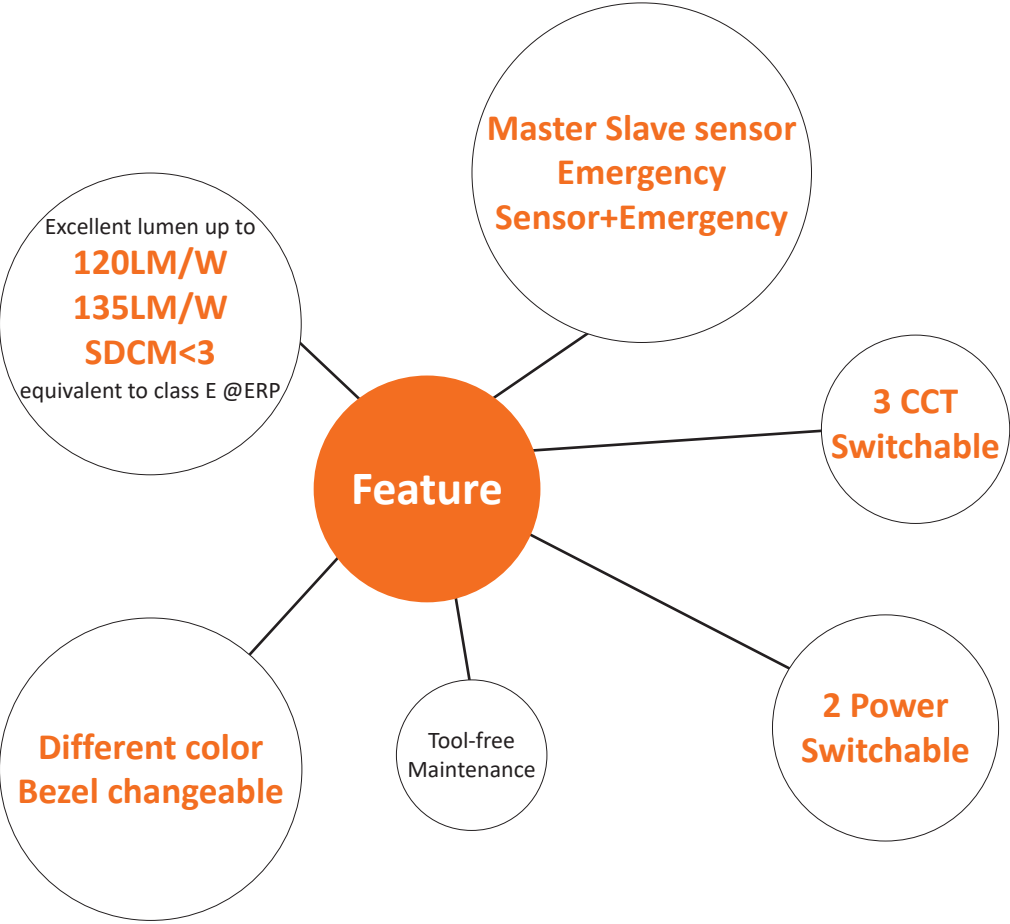


Zigbee/WiFi/Bluetooth Smart Control

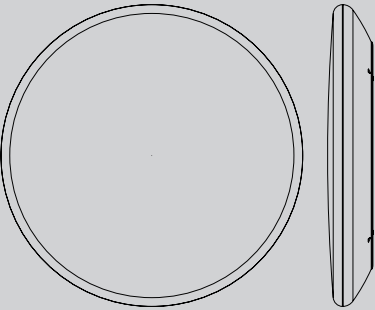
Since Tuya Smart Control now is more and more popular in the market, of course for these LED ceiling lights also can be made into Smart Control, such as Zigbee, WiFi & Bluetooth, just to replace a Rayven Smart Driver to control on the Dimming, Color changing, group control and smart scene, etc., just to offer a Smart-Life to you.



B Series IP65 IK10 LED Ceiling Light



|                  |                                      |            |            |
|------------------|--------------------------------------|------------|------------|
| Model            | RAV120LB21                           | RAV180LB31 | RAV250LB31 |
| Power            | 12W/18W                              | 18W/25W    | 25W/35W    |
| Lumen            | 120LM/W, 135LM/W                     |            |            |
| Beam angle       | 110°                                 |            |            |
| CCT Change       | 3000K/4000K/5000K                    |            |            |
| CRI              | Ra>80                                |            |            |
| SDCM             | SDCM <3                              |            |            |
| Lifespan         | 50,000hrs                            |            |            |
| Voltage          | 220-240VAC                           |            |            |
| Temperature      | -20°-45°                             |            |            |
| Product size     | Ø250*62mm                            | Ø300*62mm  | Ø380*62mm  |
| Dimmable option  | Triac Dim, DALI Dim, Tuya Smart Dim  |            |            |
| ERP              | up to D                              |            |            |
| Flicker free     | SVM<0.4                              |            |            |
| Dual Power       | Yes                                  |            |            |
| Sensor function  | Microwave Sensor,MASTER Slave Sensor |            |            |
| Emergency        | 3hrs Emergency                       |            |            |
| IP-class         | IP65                                 |            |            |
| IK-class         | IK10                                 |            |            |
| Insulation Class | Class II                             |            |            |
| Material         | PC                                   |            |            |
| Environment      | Indoors                              |            |            |
| Installation     | Surface Mount                        |            |            |
| Warranty         | 5 years                              |            |            |
| Approval         | CE, EMC, LVD, ROHS, ERP,UKCA         |            |            |

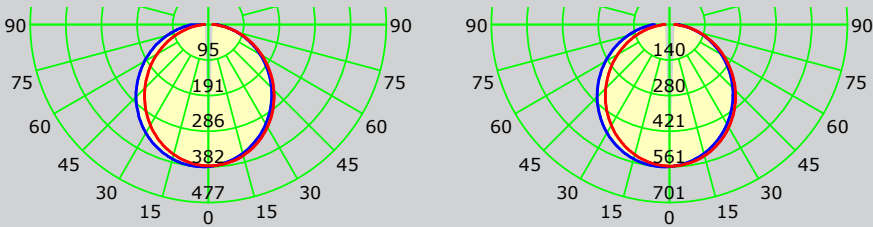


Size: Ø250\*H62mm  
Ø300\*H62mm  
Ø380\*H62mm

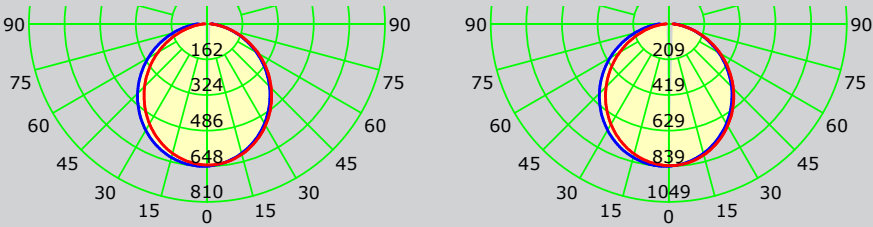


Luminous Intensity Distribution Curve

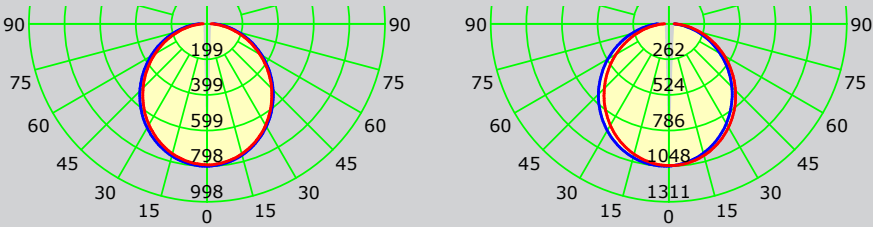
250mm 12W / 18W @3000K



300mm 18W / 25W @3000K

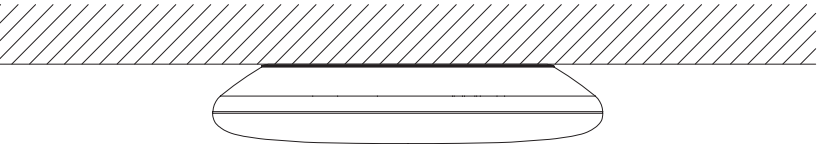


380mm 25W / 30W @3000K

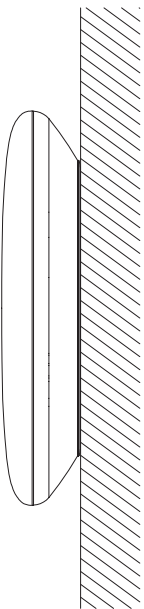


Installation Area

Ceiling Mounted



Wall Mounted



Surface Mounted in Bedroom



Emergency Function Details

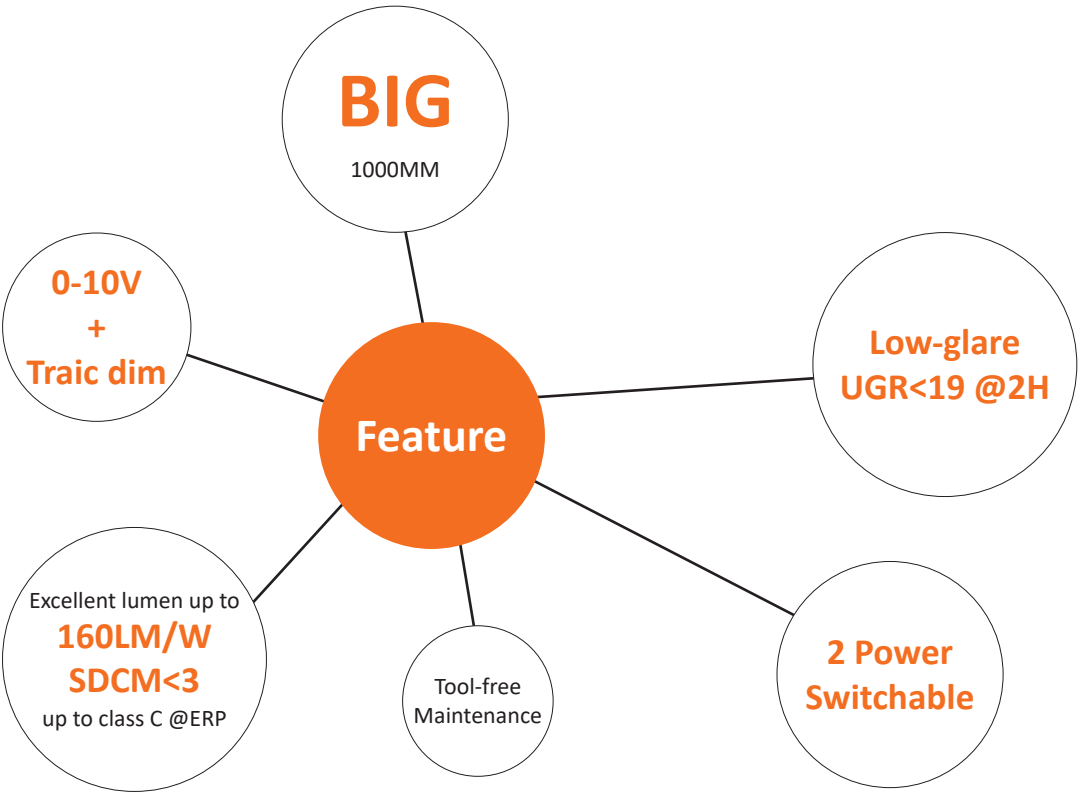
- Maintained and Non-Maintained operation
- Emergency version 3 Hrs duration at 150lm

Sensor Models Details

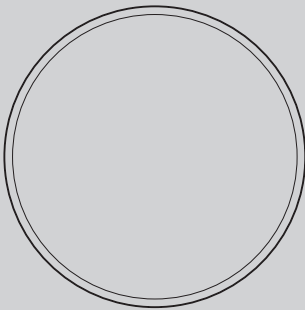
- Sensor detection range: 1-8m
- Adjustable time delay and sensitivity
- Detection angle 180 degrees
- Microwave Sensor / Master Slave Sensor Available

| Product Code | CCT Switchable | Wattage Switchable | Lumen  | Beam Angle | Lighting Area | Product Size | Optional Function   |
|--------------|----------------|--------------------|--------|------------|---------------|--------------|---------------------|
| RAV12OLB21   | 3000K          | 12W                | 1440lm | 110°       | 5-8m³         | φ250 x H62mm | Master Slave Sensor |
|              | 4000K          |                    | 1640lm |            |               |              | Corridor Sensor     |
|              | 5000K          |                    | 1440lm |            |               |              | Emergency           |
|              | 3000K          | 18W                | 2160lm |            | 6-10m³        |              | Dali 2.0 Dimming    |
|              | 4000K          |                    | 2360lm |            |               |              |                     |
|              | 5000K          |                    | 2160lm |            |               |              |                     |
|              |                |                    |        |            |               |              |                     |
| RAV18OLB31   | 3000K          | 18W                | 2160lm | 110°       | 6-10m³        | φ300 x H62mm | Master Slave Sensor |
|              | 4000K          |                    | 2360lm |            |               |              | Corridor Sensor     |
|              | 5000K          |                    | 2160lm |            |               |              | Emergency           |
|              | 3000K          | 25W                | 3000lm |            | 8-12m³        |              | Dali 2.0 Dimming    |
|              | 4000K          |                    | 3200lm |            |               |              |                     |
|              | 5000K          |                    | 3000lm |            |               |              |                     |
|              |                |                    |        |            |               |              |                     |
| RAV25OLB31   | 3000K          | 25W                | 3000lm | 110°       | 8-12m³        | φ380 x H62mm | Master Slave Sensor |
|              | 4000K          |                    | 3200lm |            |               |              | Corridor Sensor     |
|              | 5000K          |                    | 3000lm |            |               |              | Emergency           |
|              | 3000K          | 35W                | 4200lm |            | 10-14m³       |              | Dali 2.0 Dimming    |
|              | 4000K          |                    | 4600lm |            |               |              |                     |
|              | 5000K          |                    | 4200lm |            |               |              |                     |

C Series IP44 LED Ceiling Light



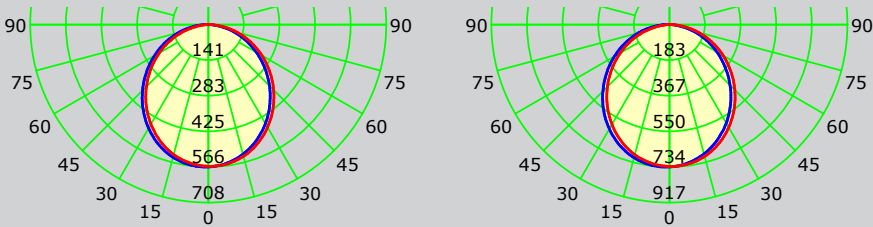
|                  |                                                |             |             |             |              |
|------------------|------------------------------------------------|-------------|-------------|-------------|--------------|
| Model            | RAVOLC2300A                                    | RAVOLC2400A | RAVOLC2600A | RAVOLC2800A | RAVOLC21000A |
| Wattage          | 15W/20W                                        | 25W/30W     | 40W/50W     | 60W/70W     | 80W/100W     |
| Lumen            | Max 160LM/W                                    |             |             |             |              |
| Beam angle       | 100°                                           |             |             |             |              |
| CCT Change       | 3000K/4000K/5000K                              |             |             |             |              |
| CRI              | Ra>80 Ra>90 Ra>97                              |             |             |             |              |
| UGR              | UGR<19@2H                                      |             |             |             |              |
| SDCM             | SDCM <3                                        |             |             |             |              |
| Lifespan         | 50,000hrs                                      |             |             |             |              |
| Voltage          | 220-240VAC,90-130VAC                           |             |             |             |              |
| Temperature      | -20°C-45°C                                     |             |             |             |              |
| Product size     | Ø300*65mm                                      | Ø400*65mm   | Ø600*65mm   | Ø800*65mm   | Ø1000*65mm   |
| Dimmable option  | Triac-dim/DALI dim/0-10V + Traic dim available |             |             |             |              |
| ERP              | up to Class C                                  |             |             |             |              |
| Flicker free     | SVM<0.4                                        |             |             |             |              |
| Dual Power       | Yes                                            |             |             |             |              |
| Sensor function  | Microwave sensor                               |             |             |             |              |
| IP-class         | IP44                                           |             |             |             |              |
| IK-class         | IK06                                           |             |             |             |              |
| Insulation Class | Class II                                       |             |             |             |              |
| Material         | Aluminum                                       |             |             |             |              |
| Environment      | Indoors                                        |             |             |             |              |
| Installation     | Surface mounted,Suspended                      |             |             |             |              |
| Warranty         | 5 years                                        |             |             |             |              |
| Approval         | CE,EMC,LVD,ROHS,ERP,UKCA,ETL,SAA               |             |             |             |              |



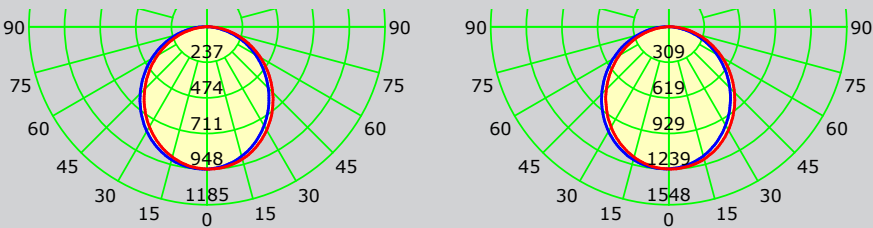
Size: Ø300\*H65mm  
Ø400\*H65mm  
Ø600\*H65mm  
Ø800\*H65mm  
Ø1000\*H65mm

Luminous Intensity Distribution Curve

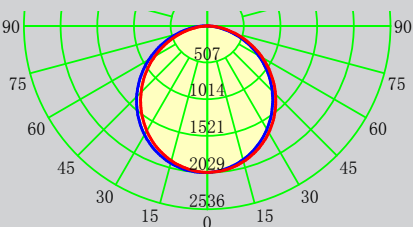
300mm 15W / 20W @3000K



400mm 25W / 30W @3000K

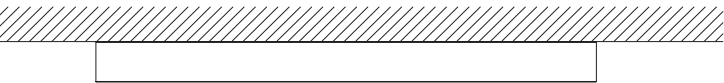


600mm 50W @4000K

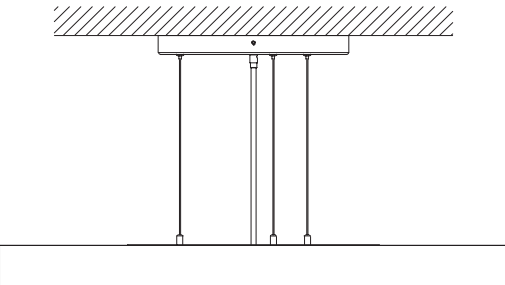


Installation Area

Ceiling Mounted



Pendant Mounted



Wall Mounted



Surface Mounted in Bedroom



Pendant on the show room



Sensor version Details

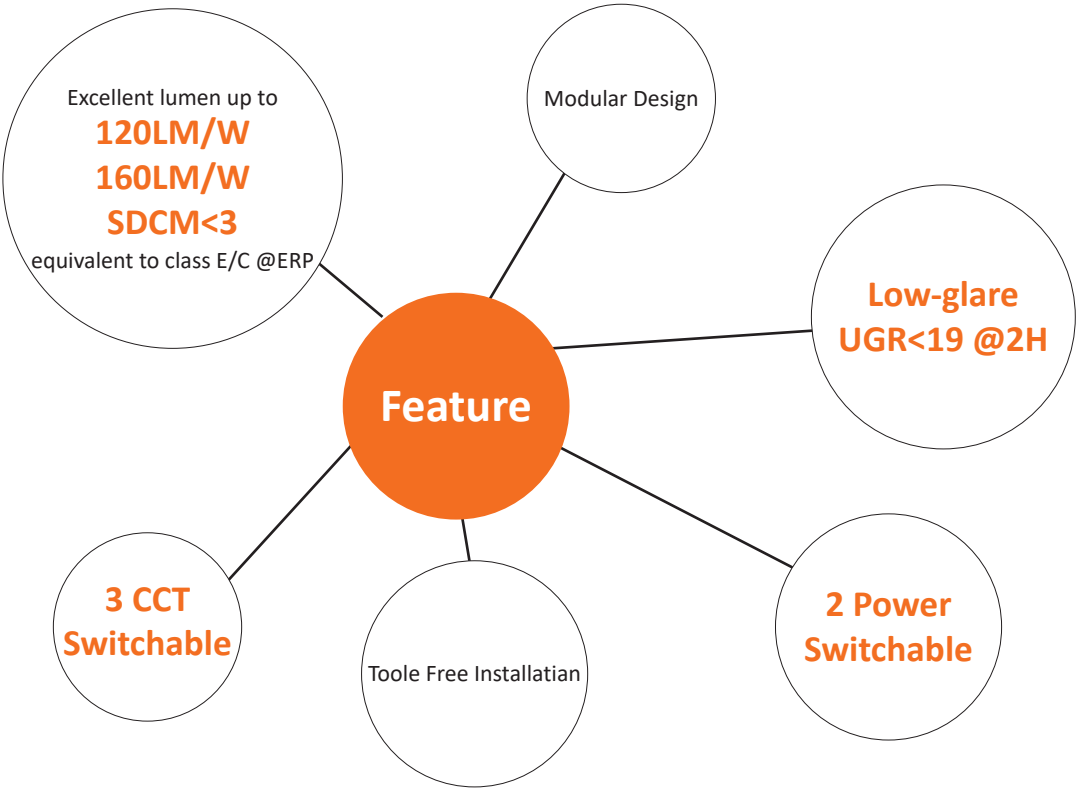
- Sensor detection area: 1-8m
- Adjustable time delay and sensitivity
- Detection angle 180 degrees
- Microwave Sensor / Master Slave Sensor Available

DALI 2.0 for Dimming and Color changing  
0-10 + Traic available

| Product Code | CCT Switchable | Wattage Switchable | Lumen   | Beam Angle | Lighting Area | Product Size  | Optional Function   |
|--------------|----------------|--------------------|---------|------------|---------------|---------------|---------------------|
| RAVOLC2300A  | 3000K          | 15W                | 1800lm  | 100°       | 5-8m³         | φ300 x H65mm  | Master Slave Sensor |
|              | 4000K          |                    | 2000lm  |            |               |               | Dali 2.0 Dimming    |
|              | 5000K          |                    | 1800lm  |            |               |               | 0-10V Dimming       |
|              | 3000K          | 20W                | 2400lm  |            |               |               |                     |
|              | 4000K          |                    | 2600lm  |            |               |               |                     |
|              | 5000K          |                    | 2400lm  |            |               |               |                     |
| RAVOLC2400A  | 3000K          | 25W                | 3000lm  | 100°       | 8-12m³        | φ400 x H65mm  | Master Slave Sensor |
|              | 4000K          |                    | 3200lm  |            |               |               | Dali 2.0 Dimming    |
|              | 5000K          |                    | 3000lm  |            |               |               | 0-10V Dimming       |
|              | 3000K          | 30W                | 3600lm  |            |               |               |                     |
|              | 4000K          |                    | 3800lm  |            |               |               |                     |
|              | 5000K          |                    | 3600lm  |            |               |               |                     |
| RAVOLC2600A  | 3000K          | 40W                | 4800lm  | 100°       | 12-16m³       | φ600 x H65mm  | Dali 2.0 Dimming    |
|              | 4000K          |                    | 5000lm  |            |               |               | 0-10V Dimming       |
|              | 5000K          |                    | 4800lm  |            |               |               |                     |
|              | 3000K          | 50W                | 6000lm  |            |               |               |                     |
|              | 4000K          |                    | 6200lm  |            |               |               |                     |
|              | 5000K          |                    | 6000lm  |            |               |               |                     |
| RAVOLC2800A  | 3000K          | 60W                | 7200lm  | 100°       | 13-17m³       | φ800 x H65mm  | Dali 2.0 Dimming    |
|              | 4000K          |                    | 7500lm  |            |               |               | 0-10V Dimming       |
|              | 5000K          |                    | 7200lm  |            |               |               |                     |
|              | 3000K          | 70W                | 8400lm  |            | 15-19m³       |               |                     |
|              | 4000K          |                    | 8600lm  |            |               |               |                     |
|              | 5000K          |                    | 8400lm  |            |               |               |                     |
| RAVOLC21000A | 3000K          | 80W                | 9600lm  | 100°       | 16-20m³       | φ1000 x H65mm | Dali 2.0 Dimming    |
|              | 4000K          |                    | 10000lm |            |               |               | 0-10V Dimming       |
|              | 5000K          |                    | 9600lm  |            |               |               |                     |
|              | 3000K          | 100W               | 12000lm |            | 18-25m³       |               |                     |
|              | 4000K          |                    | 14000lm |            |               |               |                     |
|              | 5000K          |                    | 12000lm |            |               |               |                     |

# I Series IP44 LED Ceiling Light

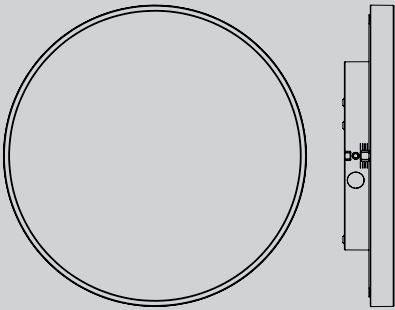
Modular Design with replaceable Electronic part: Driver, Emergency kits, Sensor kits, LED PCB all can be replace without tools.



0-10V



| Model            | RAVOLI2300A                   | RAVOLI2400A |
|------------------|-------------------------------|-------------|
| Wattage          | 15W/20W                       | 20W/25W     |
| Lumen            | 120LM/W, 160LM/W              |             |
| Beam angle       | 100°                          |             |
| CCT Change       | 3000K/4000K/5000K             |             |
| CRI              | Ra>80, Ra>90                  |             |
| SDCM             | SDCM <3                       |             |
| Lifespan         | 50,000hrs                     |             |
| Voltage          | 220-240VAC                    |             |
| Temperature      | -20°-45°                      |             |
| Product size     | Ø300*65mm                     | Ø400*65mm   |
| Dimmable option  | Triac-dim/DALI dim/0-10V dim  |             |
| ERP              | up to E/C                     |             |
| Flicker free     | According to new ERP standard |             |
| Dual Power       | Yes                           |             |
| Sensor function  | Microwave sensor              |             |
| Emergency        | 3hrs emergency                |             |
| IP-class         | IP44                          |             |
| IK-class         | IK06                          |             |
| Insulation Class | Class II                      |             |
| Material         | Plastic                       |             |
| Environment      | Indoors                       |             |
| Installation     | Surface mounted,Suspended     |             |
| Warranty         | 5 years                       |             |
| Approval         | CE,EMC,LVD,ROHS,ERP,UKCA      |             |

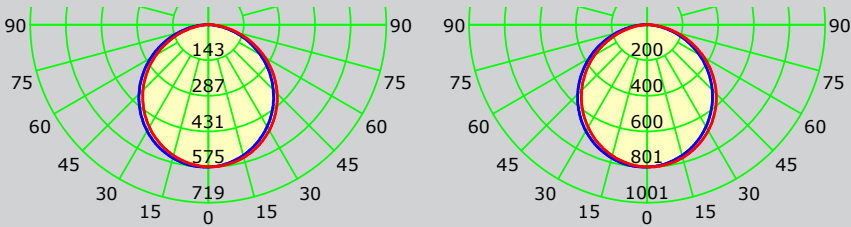


Size: Ø300\*H65mm  
Ø400\*H65mm

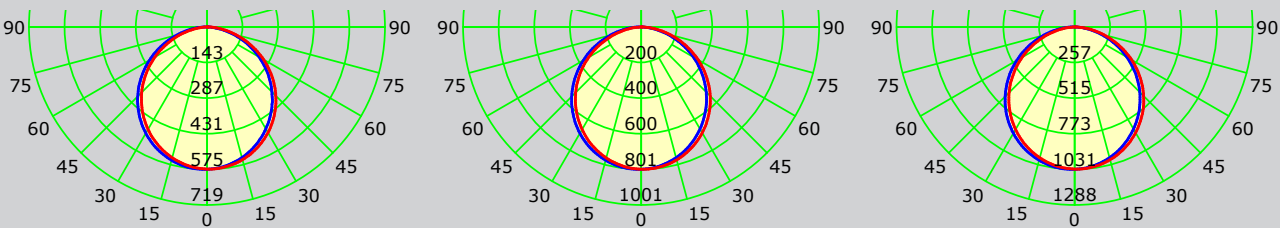


Luminous Intensity Distribution Curve

300mm 15W 20W @3000K



400mm 15W 20W 25W @3000K



Application Area

Transit spaces such as stairwells are typically lit for the whole period of building occupancy, but in use for only a fraction of this time.

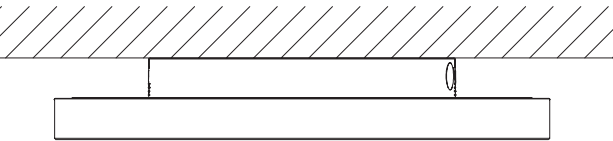


Emergency Function Details

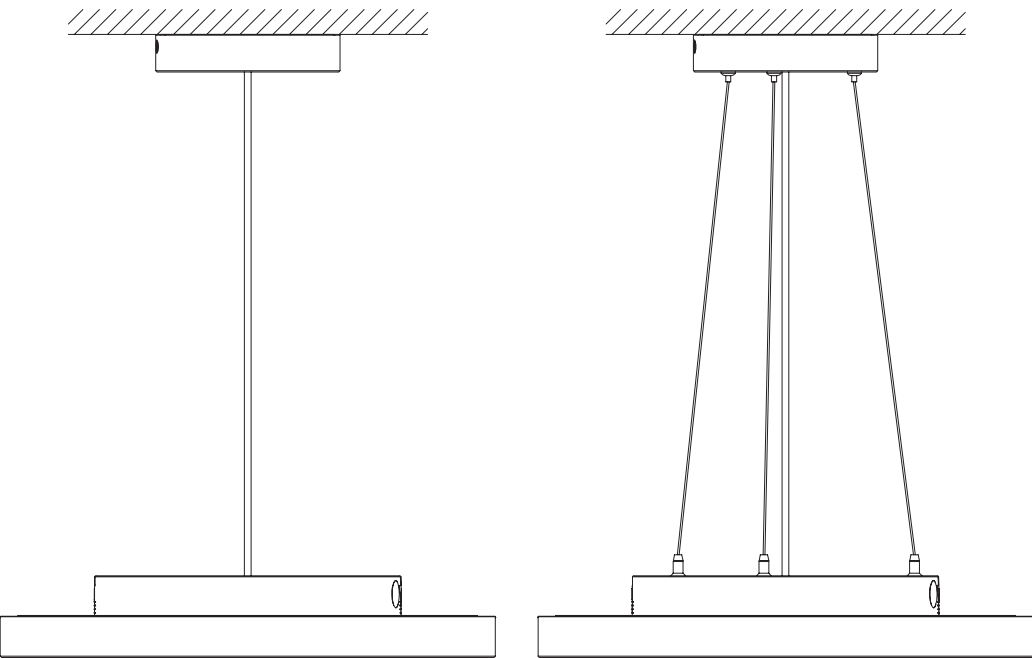
- Maintained and Non-Maintained operation
- Emergency version 3 Hrs duration at 150lm

Installation Area

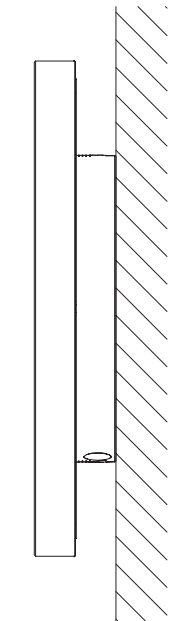
Ceiling Mounted



Pendant Mounted



Wall Mounted



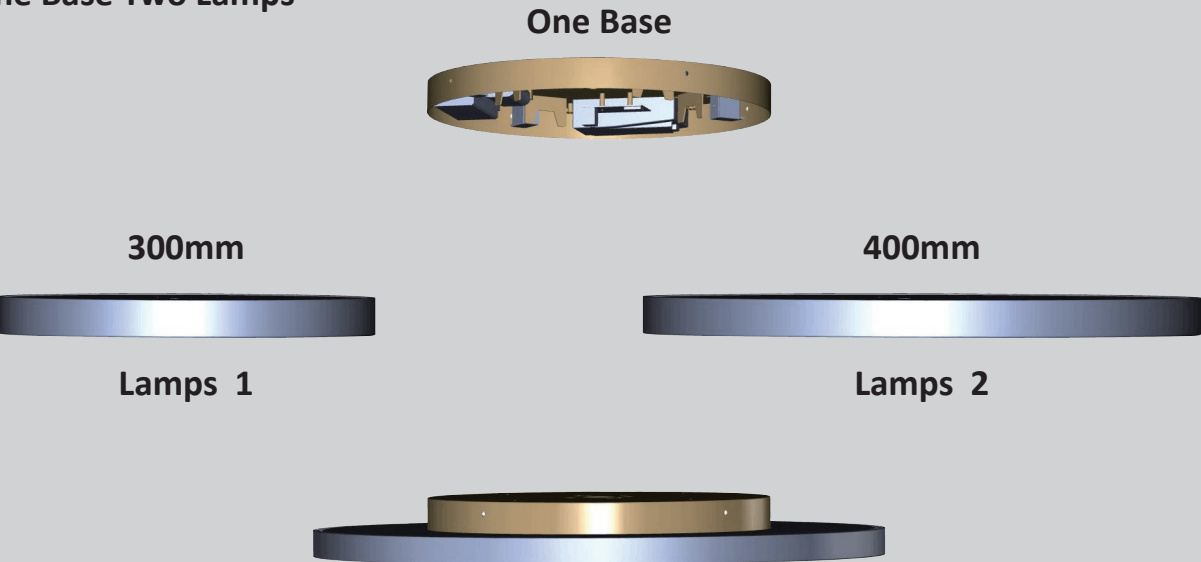
Sensor Models Details

- Sensor detection range: 1-8m
- Adjustable time delay and sensitivity
- Detection angle 180 degrees
- Microwave Sensor / Master Slave Sensor Available

| Product Code | CCT Switchable | Wattage Switchable | Lumen         | Beam Angle | Product Size | Optional Function   |
|--------------|----------------|--------------------|---------------|------------|--------------|---------------------|
| RAVOLI2300A  | 3000K          | 15W                | 1800lm/2000lm | 120°       | φ300 x H65mm | Master Slave Sensor |
|              | 4000K          | 15W                | 2000lm/2400lm |            |              | Corridor Sensor     |
|              | 5000K          | 15W                | 1800lm/2000lm |            |              | Emergency           |
|              | 3000K          | 20W                | 2400lm/2600lm |            |              | Dali 2.0 Dimming    |
|              | 4000K          | 20W                | 2600lm/3200lm |            |              | 0-10V Dimming       |
|              | 5000K          | 20W                | 2400lm/2600lm |            |              |                     |
| RAVOLI2400A  | 3000K          | 20W                | 2400lm/2600lm | 120°       | φ400 x H65mm | Master Slave Sensor |
|              | 4000K          | 20W                | 2600lm/3200lm |            |              | Corridor Sensor     |
|              | 5000K          | 20W                | 2400lm/2600lm |            |              | Emergency           |
|              | 3000K          | 25W                | 3000lm/3200lm |            |              | Dali 2.0 Dimming    |
|              | 4000K          | 25W                | 3200lm/4000lm |            |              | 0-10V Dimming       |
|              | 5000K          | 25W                | 3000lm/3200lm |            |              |                     |

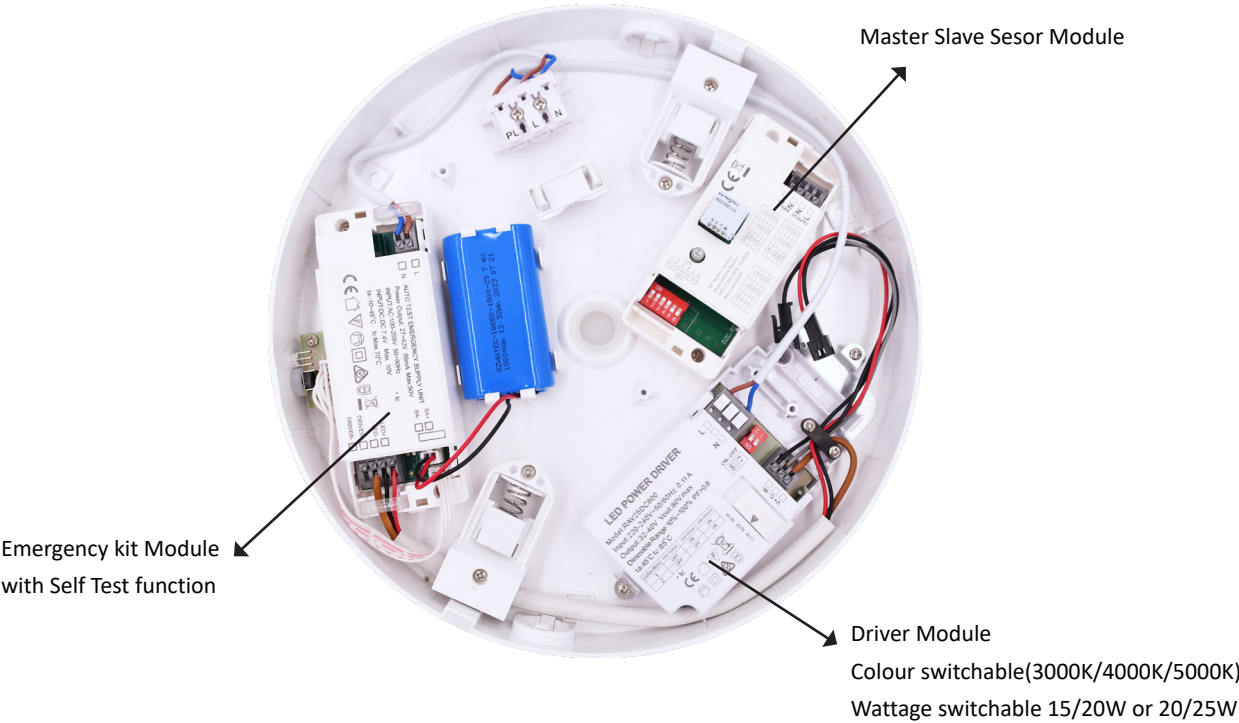


One Base Two Lamps



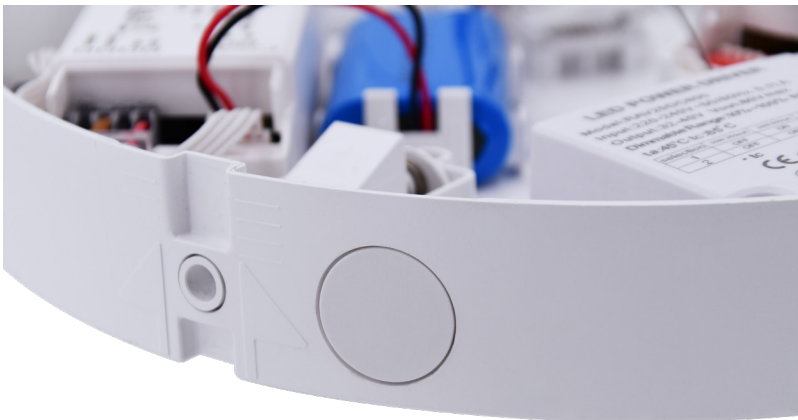
Accessory Modularization

With Plug and play design easy to change different module.  
Including Emergency module, Microwave sensor module, different driver module etc.



Cable side entry design

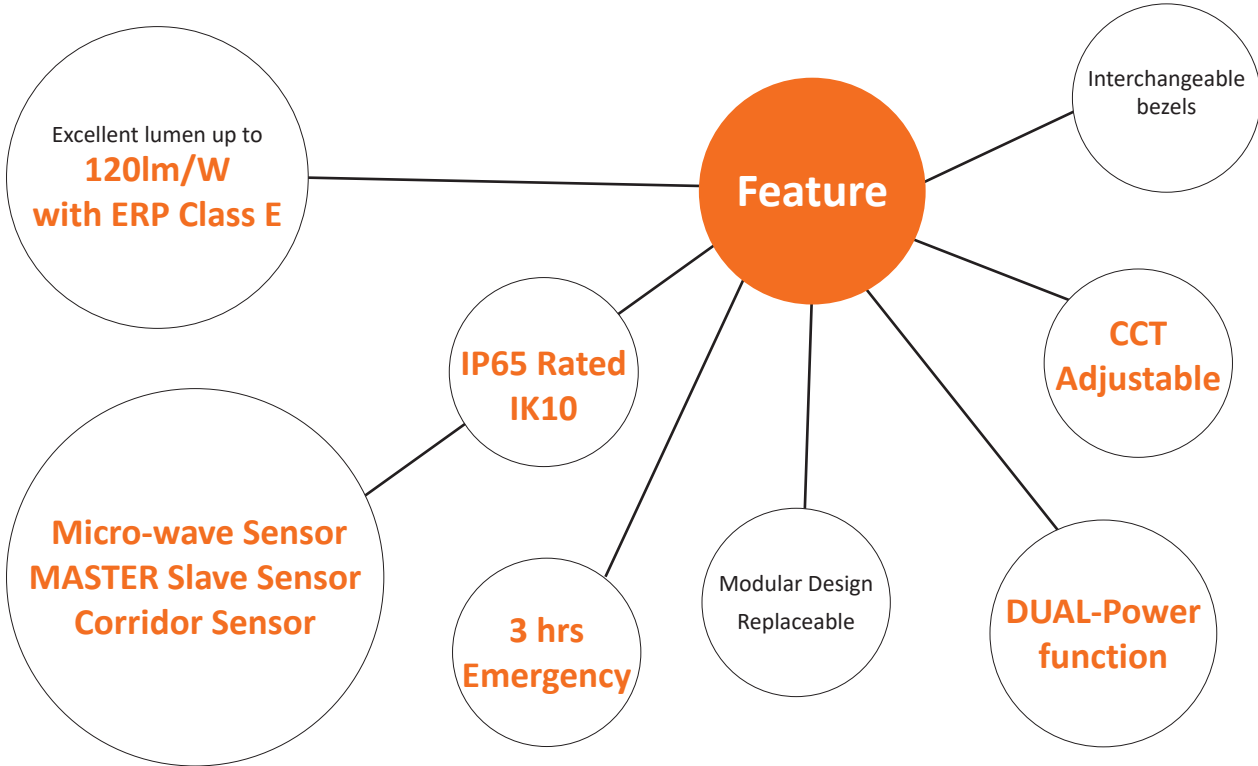
Multiple mounting options: BESA box, M20 conduit, cable glands



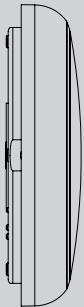
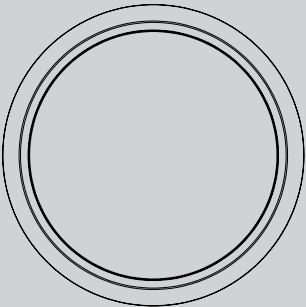
Direct lighting + Indirect lighting  
90% +10%



J Series IP65 IK10 LED Bulkhead & Wall Pack

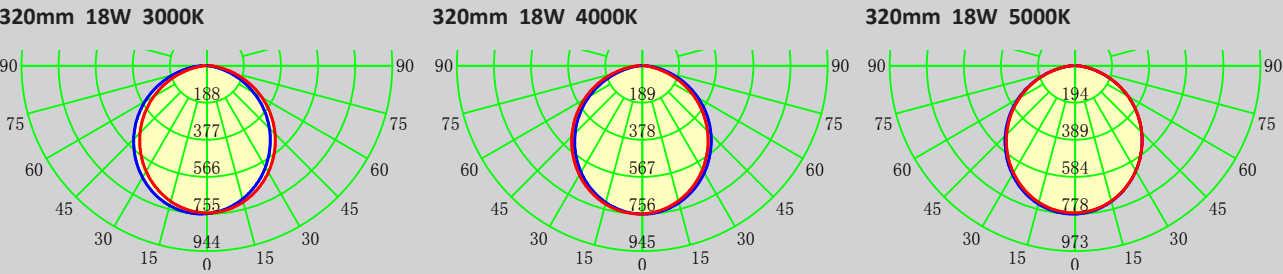


| Model            | RAVOLJ320A                   | RAVOLJ380A  |
|------------------|------------------------------|-------------|
| Power            | 9W/12W/14W                   | 12W/16W/20W |
| Lumen            | 1200-1600lm                  | 1600-2000lm |
| Beam angle       | 100°                         |             |
| CCT Change       | 3000K/4000K/5000K            |             |
| CRI              | Ra>80                        |             |
| SDCM             | SDCM <6                      |             |
| Lifespan         | ≥50000Hrs                    |             |
| Voltage          | AC220-240V                   |             |
| Temperature      | -25°C-40°C                   |             |
| Product size     | Ø320*80mm                    | Ø380*80mm   |
| Dimmable option  | DALI, TRAIC                  |             |
| Flicker free     | No                           |             |
| Dual Power       | Yes                          |             |
| Sensor function  | Yes                          |             |
| Emergency        | Yes                          |             |
| IP-class         | IP65                         |             |
| IK-class         | IK10                         |             |
| Insulation Class | Class II                     |             |
| Material         | PC/ABS                       |             |
| Environment      | Balcony, Corridor            |             |
| Istallation      | Surface mounted              |             |
| Warranty         | 5 years                      |             |
| Approval         | CE,UKCA,SAA,ROHS,EMC,LVD,ERP |             |

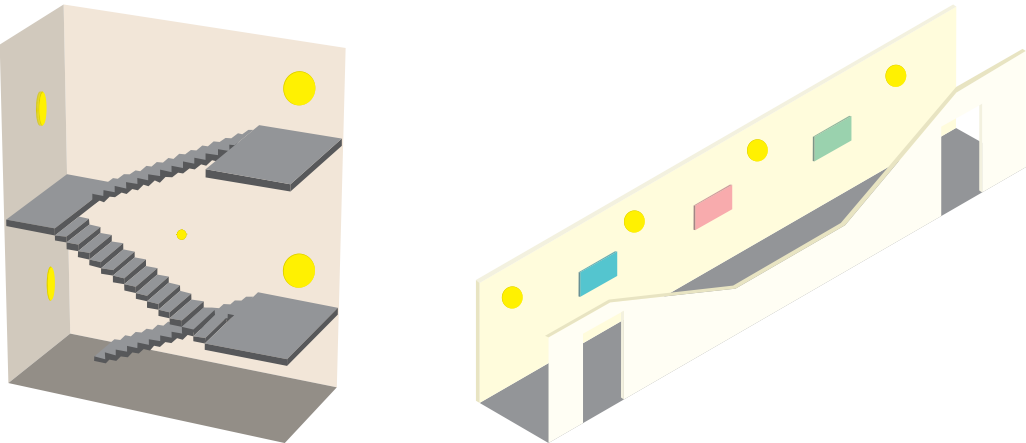


Size: Ø300\*H100mm  
Ø400\*H100mm

Luminous Intensity Distribution Curve

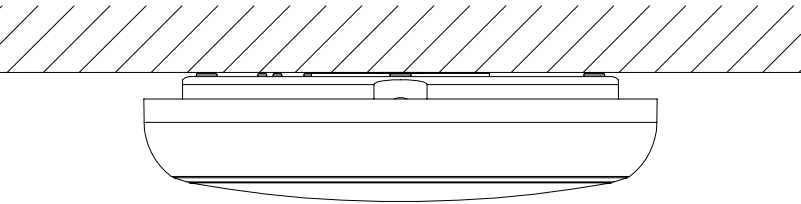


Application Area

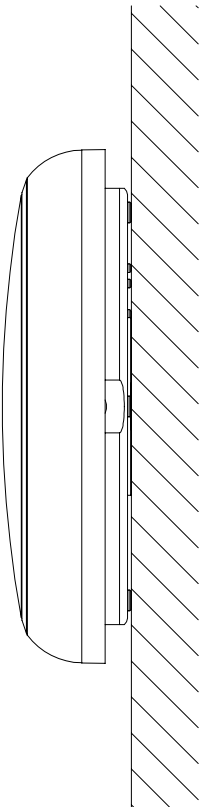


Installation Area

Ceiling Mounted



Wall Mounted



Emergency Function Details

- Maintained and Non-Maintained operation
- Emergency version 3 Hrs duration at 150lm

Sensor Models Details

- Sensor detection range: 1-8m
- Adjustable time delay and sensitivity
- Detection angle 180 degrees
- Microwave Sensor / Master Slave Sensor Available

| Product Code | CCT Switchable | Wattage Switchable | Lumen  | Beam Angle | Product Size | Optional Function |
|--------------|----------------|--------------------|--------|------------|--------------|-------------------|
| RAVOLJ320A   | 3000K          | 9W                 | 850LM  | 100°       | φ320xH80mm   | Sensor            |
|              | 4000K          | 9W                 | 900LM  |            |              | Emergency         |
|              | 5000K          | 9W                 | 1000LM |            |              | Sensor+Emergency  |
|              | 3000K          | 12W                | 1400LM |            |              | Dali 2.0 Dimming  |
|              | 4000K          | 12W                | 1440LM |            |              |                   |
|              | 5000K          | 12W                | 1500LM |            |              |                   |
|              | 3000K          | 14W                | 1650LM |            |              |                   |
|              | 4000K          | 14W                | 1700LM |            |              |                   |
|              | 5000K          | 14W                | 1750LM |            |              |                   |
| RAVOLJ380A   | 3000K          | 12W                | 1200LM | 100°       | φ380xH80mm   | Sensor            |
|              | 4000K          | 12W                | 1250LM |            |              | Emergency         |
|              | 5000K          | 12W                | 1300LM |            |              | Sensor+Emergency  |
|              | 3000K          | 16W                | 1900LM |            |              | Dali 2.0 Dimming  |
|              | 4000K          | 16W                | 1950LM |            |              |                   |
|              | 5000K          | 16W                | 2000LM |            |              |                   |
|              | 3000K          | 20W                | 2400LM |            |              |                   |
|              | 4000K          | 20W                | 2450LM |            |              |                   |
|              | 5000K          | 20W                | 2500LM |            |              |                   |