



The Powerful Commercial Smart Lighting Solution

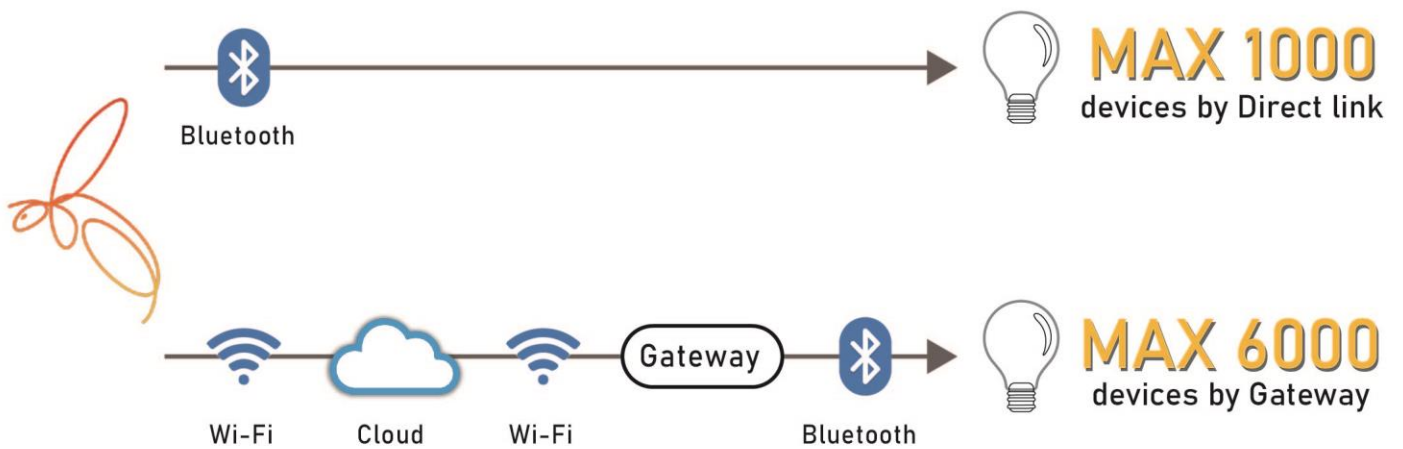
F1reBEE

# FireBEE is not simply a lighting control APP, but a comprehensive building management.

- ◆ Local control & Remote control
- ◆ Floor Plan Management
- ◆ Self-program Light Show
- ◆ Human Centric Lighting

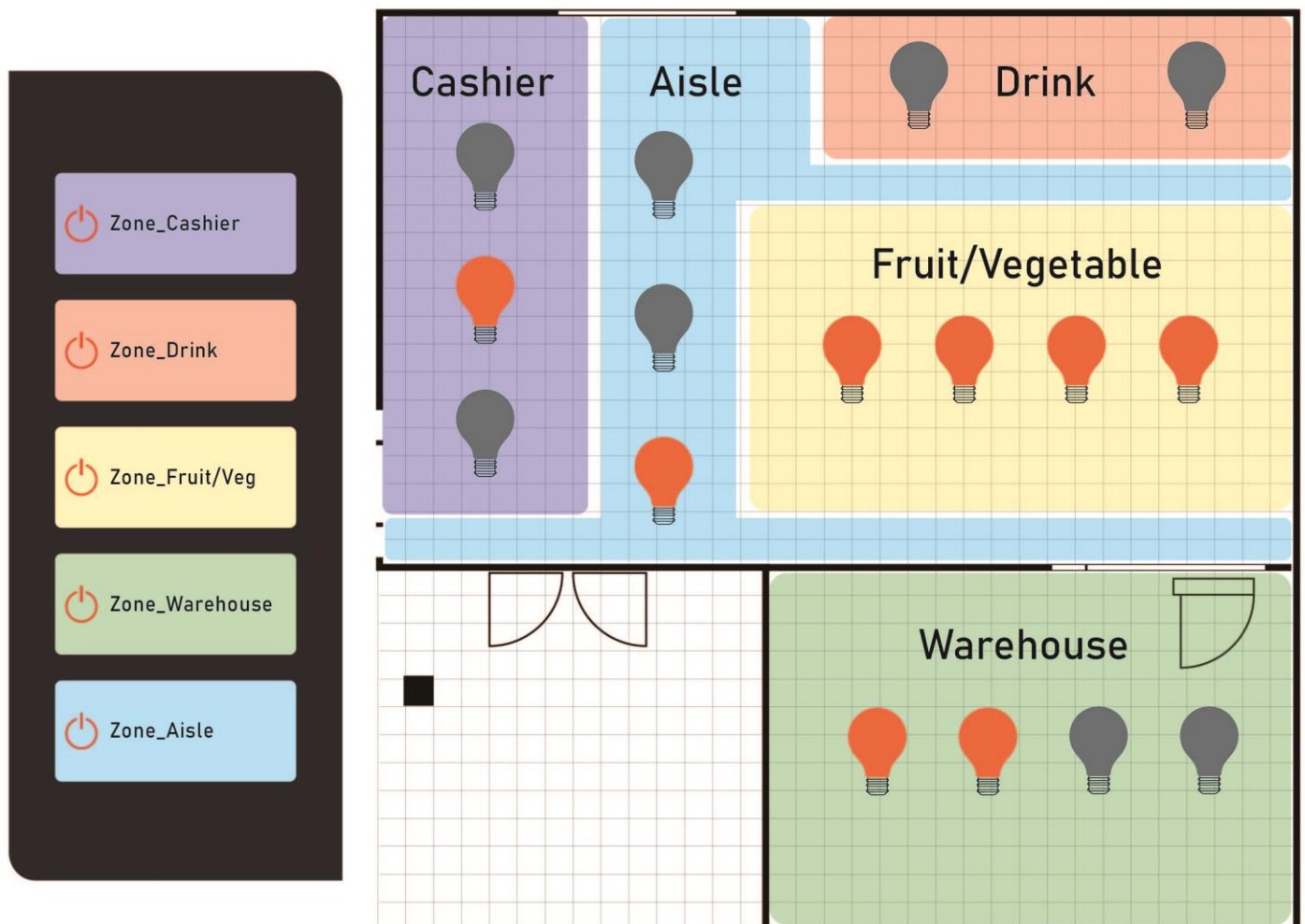


## Local control & Remote control



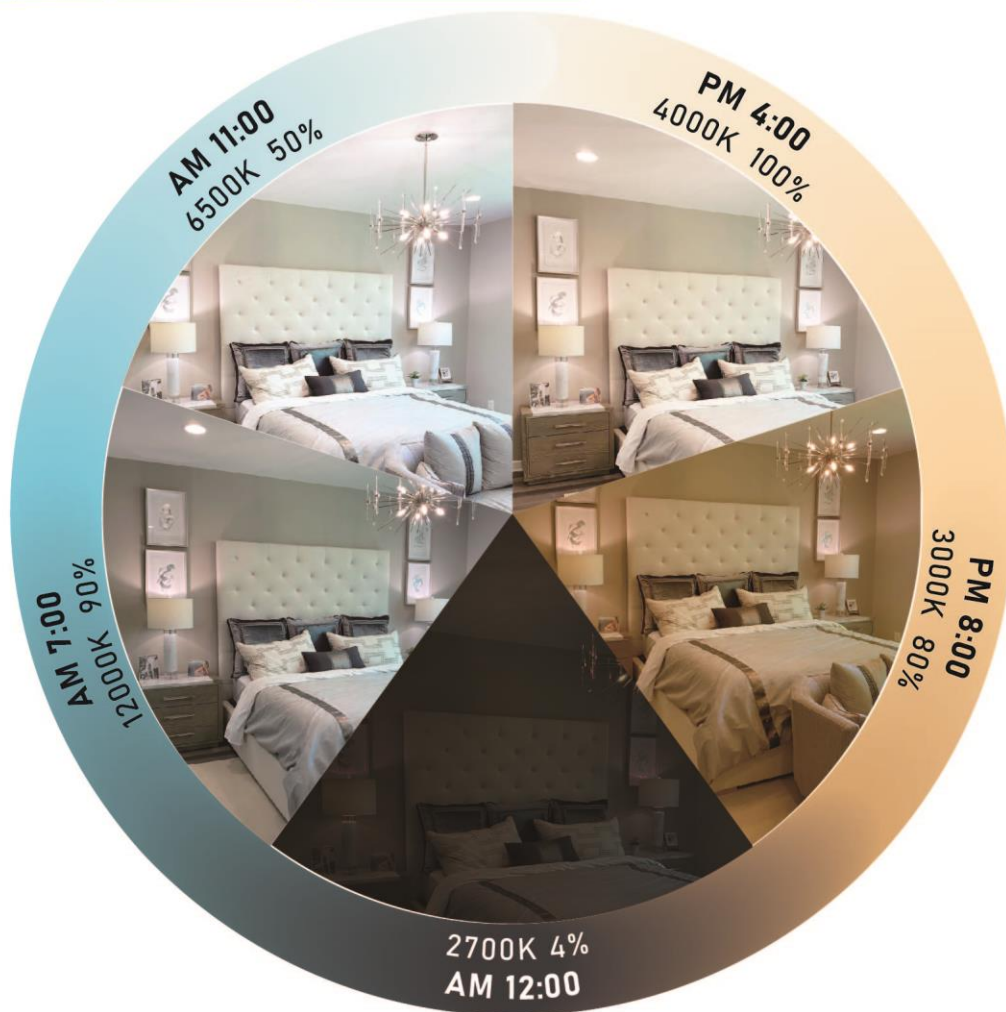
- ◆ Each Gateway MAX connectable devices:250
- ◆ Up to 24 Gateways can be connected via Wi-Fi

## Floor Plan Management

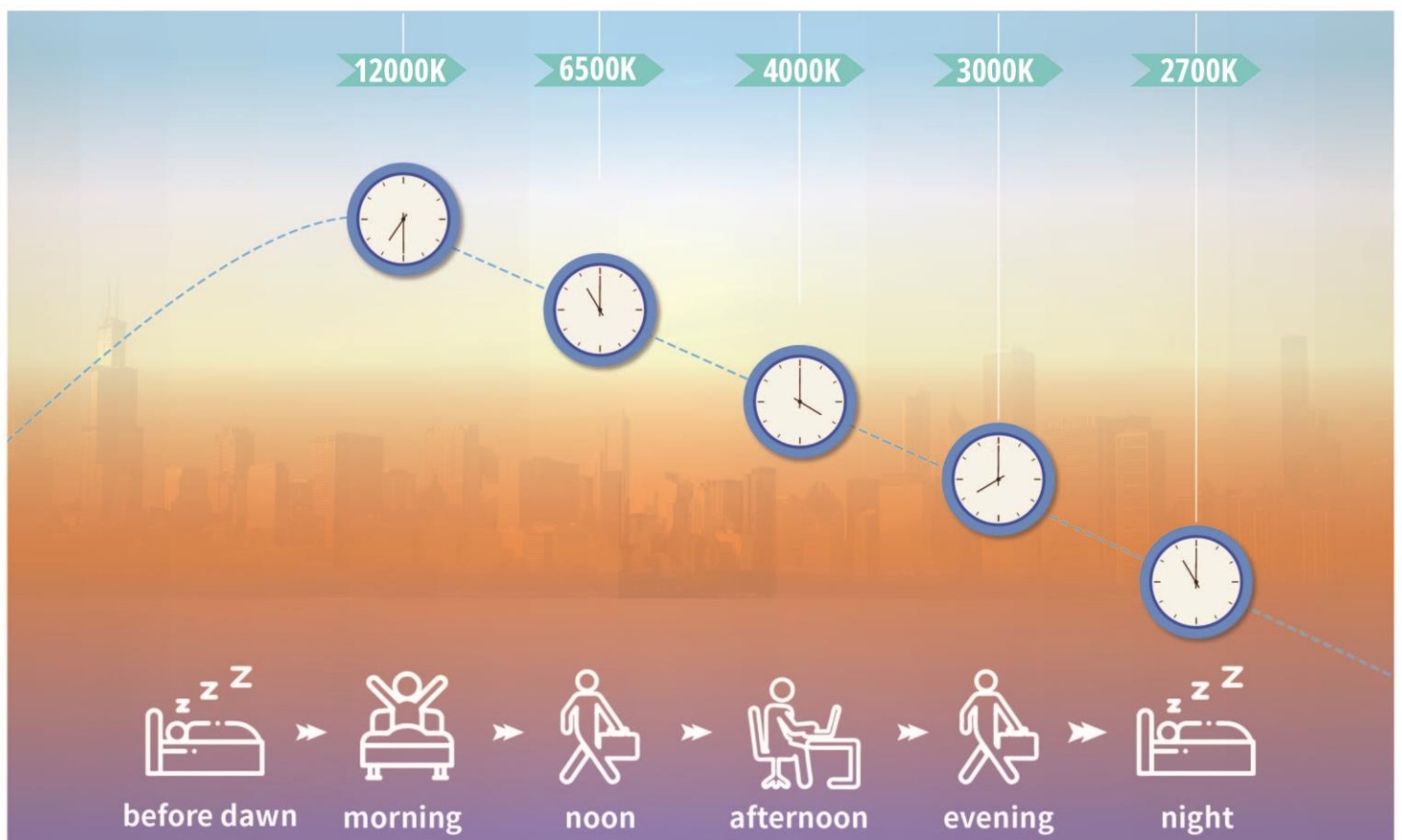




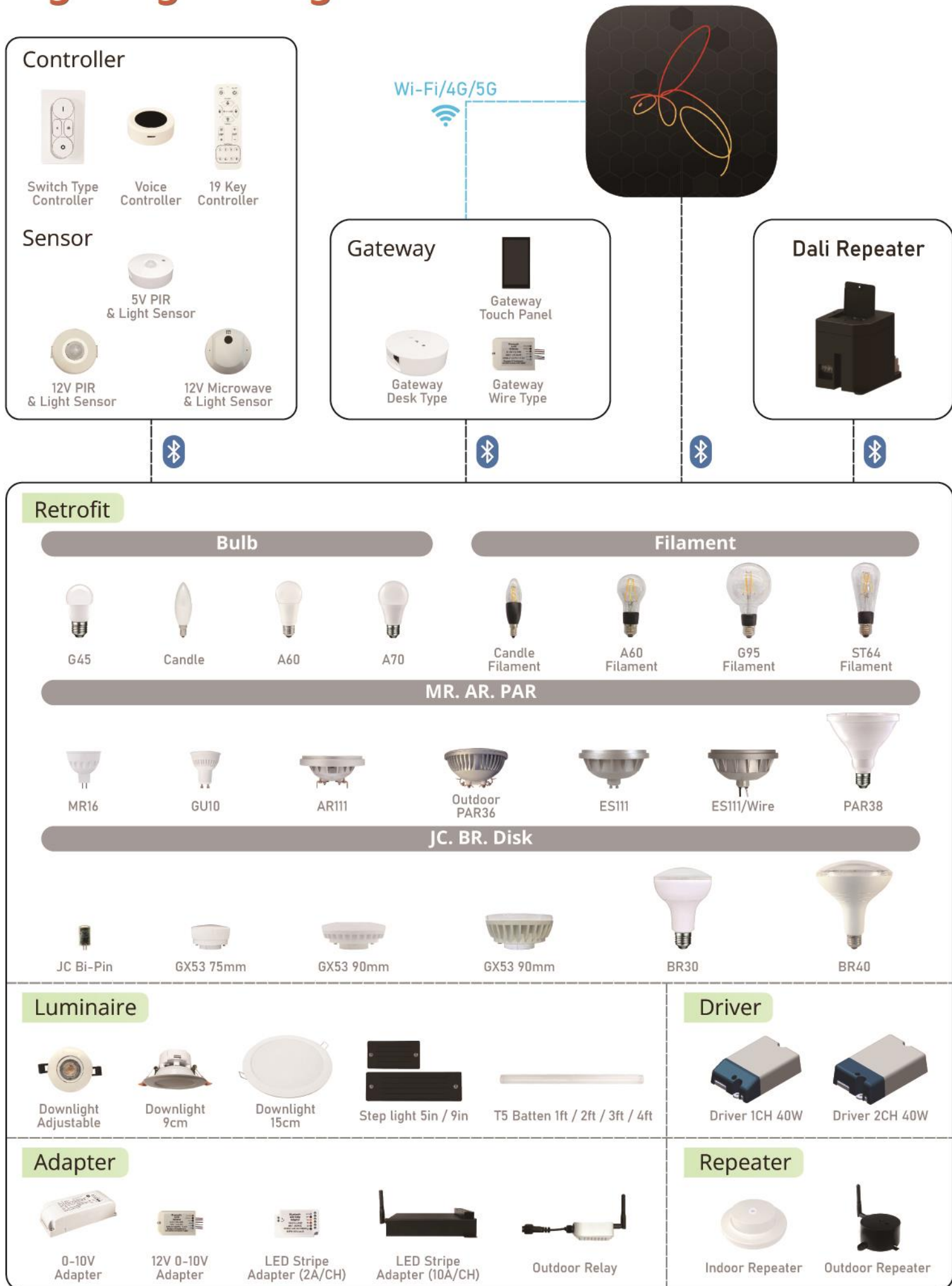
## Self-program Light Show



## Human Centric Lighting



# Lighting Management

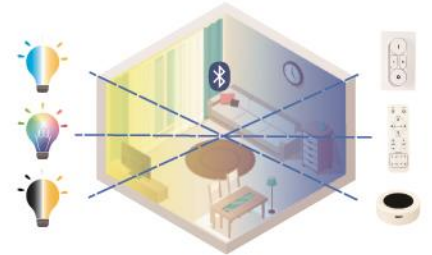




| Sensor                       | Voltage(V) | Power(W) | Mesh Range | Sensor Range |
|------------------------------|------------|----------|------------|--------------|
| 5V PIR & Light Sensor        | 5 DC       | 0.8      | 15m        | 3-5m         |
| 12V PIR & Light Sensor       | 12 AC/DC   | 0.8      | 15m        | 3-5m         |
| 12V Microwave + Light Sensor | 12 AC/DC   | 0.8      | 15m        | 5-10m        |



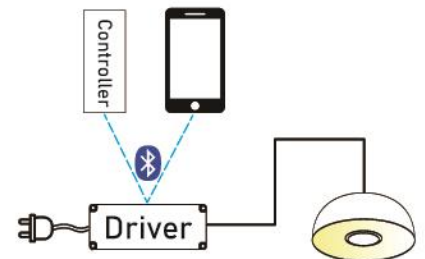
| Remote Controller      | Voltage(V) | Power(W) | Mesh Range | Voice Range |
|------------------------|------------|----------|------------|-------------|
| Switch Type Controller | CR2450     | 0.3      | 15m        | -           |
| 19 KEY Controller      | AAA X2     | 0.3      | 15m        | -           |
| Voice Controller       | 5 DC       | 0.5      | 15m        | 3-5m        |



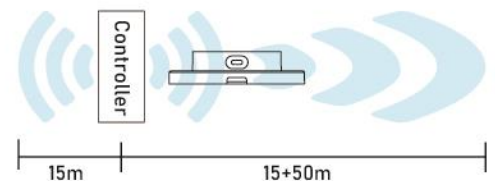
| Adapter                     | Voltage(V) | Max Load | Mesh Range |
|-----------------------------|------------|----------|------------|
| 0~10V Adapter               | 100-240    | 4.55A    | 15m        |
| 12V 0~10V Adapter           | 12 AC/DC   | -        | 15m        |
| LED Stripe Adapter (2A/CH)  | 12/24 DC   | 2A/CH    | 15m        |
| LED Stripe Adapter (10A/CH) | 12/24 DC   | 10A/CH   | 15m        |
| Outdoor Relay               | 12 AC/DC   | 12.5A    | 15m        |



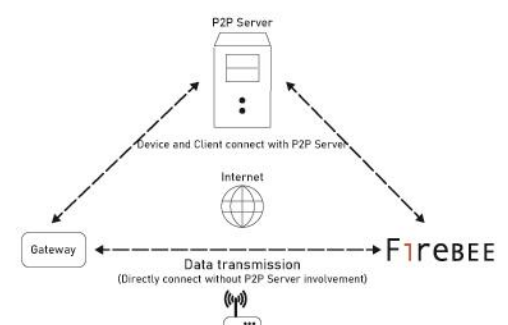
| Driver        | Voltage(V) | Power(W) | Mesh Range |
|---------------|------------|----------|------------|
| BT Driver 1CH | 100-240    | 40       | 15m        |
| BT Driver 2CH | 100-240    | 40       | 15m        |



| Repeater         | Voltage(V) | Power(W) | Mesh Range |
|------------------|------------|----------|------------|
| Indoor Repeater  | 5 DC       | 0.5      | 50m        |
| Outdoor Repeater | 12 AC/DC   | 0.5      | 50m        |
| Dali Repeater    | 100-240    | 0.5      | 50m        |



| Device              | Voltage(V) | Power(W) | Mesh Range | Wi-Fi Range |
|---------------------|------------|----------|------------|-------------|
| GATEWAY Touch Panel | 100-240    | 5        | 30-50m     | 10m         |
| GATEWAY Desk Type   | 5 DC       | 2.5      | 30-50m     | 10m         |
| GATEWAY Wire Type   | 12 AC/DC   | <2       | 30-50m     | 10m         |





|                                                                                   | Retrofit             | Voltage(V)         | Power(W) | Total Flux(lm) | CRI | Mesh Range | Colors                                                                                |
|-----------------------------------------------------------------------------------|----------------------|--------------------|----------|----------------|-----|------------|---------------------------------------------------------------------------------------|
|    | G45                  | 100-240            | 4.5      | 350            | 80  | 15-20m     |    |
|    | B35                  | 100-240            | 4.5      | 350            | 80  | 15-20m     |    |
|    | A60                  | 100-240            | 8        | 810            | 80  | 15-20m     |    |
|    | A70                  | 100-240            | 10       | 1050           | 80  | 15-20m     |    |
|    | B35-Filament         | 100-120<br>200-240 | 4        | 350            | 80  | 15-20m     |    |
|    | A60-Filament         | 100-120<br>200-240 | 4        | 350            | 80  | 15-20m     |    |
|    | G95-Filament         | 100-120<br>200-240 | 4        | 350            | 80  | 15-20m     |    |
|    | ST64-Filament        | 100-120<br>200-240 | 4        | 350            | 80  | 15-20m     |    |
|    | MR16                 | 12 AC/DC           | 5        | 400            | 80  | 15-50m     |    |
|    | PAR16                | 100-240            | 5        | 400            | 80  | 15-50m     |    |
|    | AR111                | 12 AC/DC           | 13       | 1000           | 80  | 30-50m     |    |
|    | Outdoor PAR36        | 12 AC/DC           | 10.5     | 850            | 80  | 15-20m     |    |
|    | ES111                | 100-240            | 13       | 1000           | 80  | 30-50m     |    |
|   | ES111/Wire           | 100-240            | 13       | 1000           | 80  | 30-50m     |   |
|  | PAR38                | 100-240            | 15       | 1100           | 80  | 15-20m     |  |
|  | JC Bi-Pin            | 12 AC/DC           | 1.7      | 140            | 80  | 15-20m     |  |
|  | GX53-75mm            | 100-240            | 6        | 600            | 80  | 15-20m     |  |
|  | GX53-90mm            | 100-240            | 8        | 790            | 80  | 15-20m     |  |
|  | GX53-90mm            | 100-240            | 10       | 1100           | 80  | 15-20m     |  |
|  | BR30                 | 100-240            | 10       | 750            | 80  | 15-20m     |  |
|  | BR40                 | 100-240            | 12       | 1200           | 80  | 15-20m     |  |
|                                                                                   | Luminaire            | Voltage(V)         | Power(W) | Total Flux(lm) | CRI | Mesh Range | Colors                                                                                |
|  | Downlight Adjustable | 100-240            | 8        | 500            | 95  | 15-20m     |  |
|  | Downlight 9cm        | 100-240            | 10       | 940            | 80  | 15-20m     |  |
|  | Downlight 15cm       | 100-240            | 14       | 1000           | 80  | 15-20m     |  |
|  | Step light 5inch     | 12 AC/DC           | 2.5      | 140            | 80  | 15-20m     |  |
|  | Step light 9inch     | 12 AC/DC           | 5.5      | 300            | 80  | 15-20m     |  |
|  | T5 Batten 1Ft        | 100-240            | 4.5      | 400            | 80  | 15-20m     |  |
|                                                                                   | T5 Batten 2Ft        | 100-240            | 8        | 800            | 80  | 15-20m     |  |
|                                                                                   | T5 Batten 3Ft        | 100-240            | 12.5     | 1300           | 80  | 15-20m     |  |
|                                                                                   | T5 Batten 4Ft        | 100-240            | 17       | 1700           | 80  | 15-20m     |  |



Beautiful Light,  
Beautiful Life.

