



BLUETOOTH PRODUCT GUIDE

CONTACT:

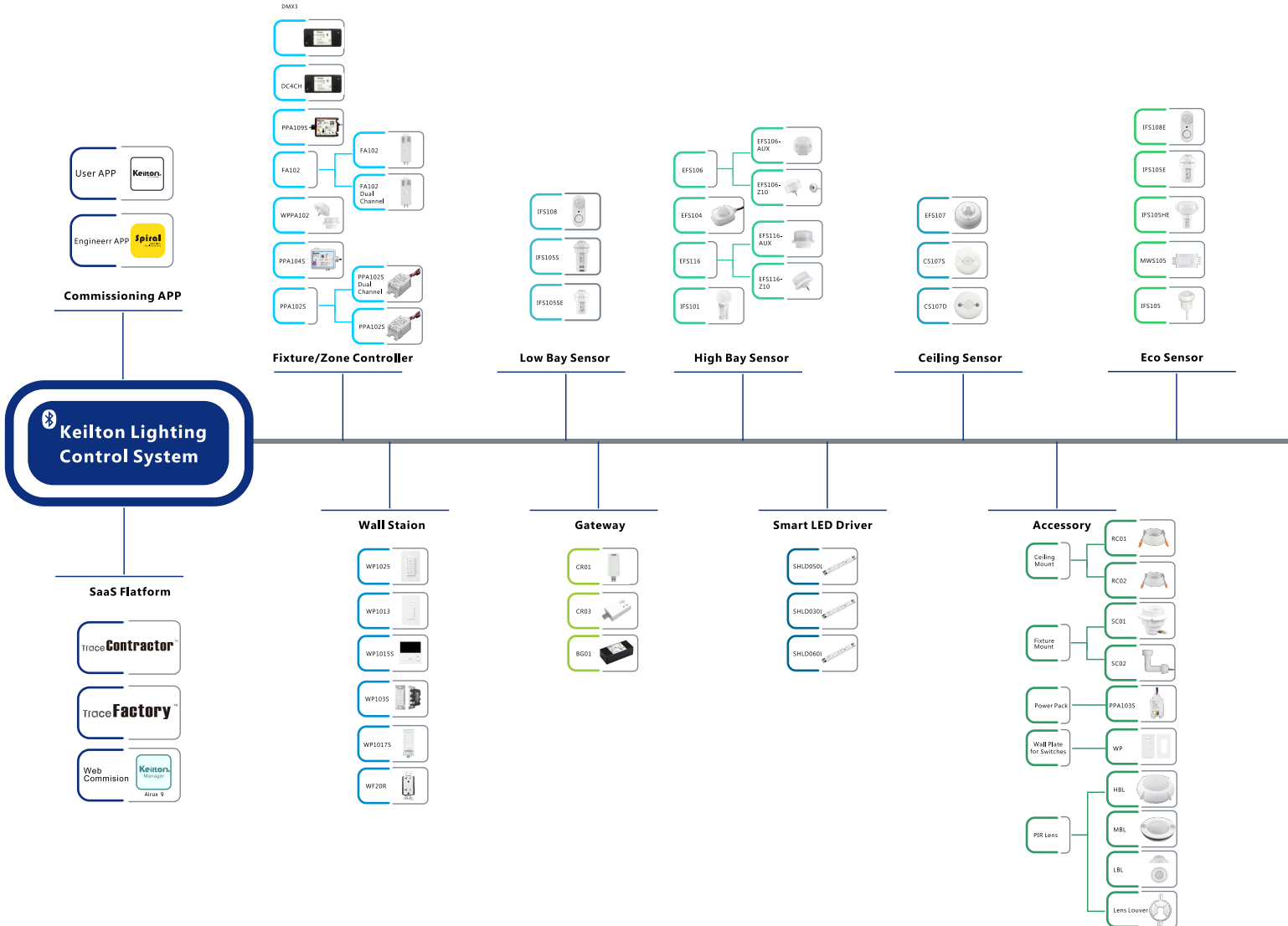
| MODEL | IMAGE | COMMISSIONING | INPUT VOLTAGE | DESCRIPTION | DETECTION | MAXIMUM MOUNTING HEIGHT | IP RATE | CERTIFICATION | APPLICATION |
|-----------------------|-------|-----------------------------|--------------------------------|--|--------------------------------|-------------------------|---------|---------------|-------------|
| FIXTURE SENSOR | | | | | | | | | |
| IFS101 | | BLUETOOTH | 120-277V AC | FIXTURE INTEGRATED SENSOR | DAYLIGHT HARVESTING +PIR | 40FT | 65 | cULus | HIGHBAY |
| EF5104 | | BLUETOOTH | 120-277V AC | SIDE-MOUNT SENSOR FIXTURE EXTERNAL | DAYLIGHT HARVESTING +PIR | 40FT | 65 | cULus | HIGHBAY |
| EF5106-AUX/Z10 | | BLUETOOTH | 12V DC | PLUGIN SENSOR 3.5MM AUDIO BACK /ZHAHA BASE | DAYLIGHT HARVESTING +PIR | 40FT | 65 | cULus | HIGHBAY |
| EF5116-AUX/Z10 | | BLUETOOTH | 12V DC | PLUGIN SENSOR 3.5MM AUDIO BACK /ZHAHA BASE | PHOTOCELL +MICROWAVE | 40FT | 65 | cULus | HIGHBAY |
| IFS1055/SE | | BLUETOOTH | 12V DC | FIXTURE INTEGRATED SENSOR | DAYLIGHT HARVESTING +PIR | 20FT | 20 | cULus | LOWBAY |
| IFS108 | | BLUETOOTH | 12V DC | FIXTURE INTEGRATED SENSOR | DAYLIGHT HARVESTING +PIR | 20FT | 20 | cULus | LOWBAY |
| CEILING SENSOR | | | | | | | | | |
| EF5107 | | BLUETOOTH | 12V DC | CEILING MOUNT SENSOR | DAYLIGHT HARVESTING +PIR | 40FT | 65 | cULus | CEILING |
| CS107S | | BLUETOOTH | 120-277V AC | PHOTOCELL+ CEILING MOUNT SENSOR | PIR | 8FT | 20 | Pending | CEILING |
| CS107D | | BLUETOOTH | 120-277V AC | PHOTOCELL+ CEILING MOUNT SENSOR | Ultrasonic +PIR | 8FT | 20 | Pending | CEILING |
| ECO SENSOR | | | | | | | | | |
| IFS105 | | BLUETOOTH (NOT STAND ALONE) | Power By PPA102S | INTEGRATED FIXTURE SENSOR | PIR | 20FT | 65 | / | LOWBAY |
| MWS105 | | BLUETOOTH (NOT STAND ALONE) | Power By FA102 Or Smart Driver | INTEGRATED FIXTURE SENSOR | DAYLIGHT HARVESTING +MICROWAVE | 8FT | 20 | / | LOWBAY |
| IFS105HE | | BLUETOOTH (NOT STAND ALONE) | Power By FA102 Or Smart Driver | INTEGRATED FIXTURE SENSOR | DAYLIGHT HARVESTING +PIR | 40FT | 65 | / | HIGHBAY |
| IFS105E | | BLUETOOTH (NOT STAND ALONE) | Power By FA102 Or Smart Driver | INTEGRATED FIXTURE SENSOR | DAYLIGHT HARVESTING +PIR | 20FT | 20 | / | LOWBAY |
| IFS108E | | BLUETOOTH (NOT STAND ALONE) | Power By FA102 Or Smart Driver | INTEGRATED FIXTURE SENSOR | DAYLIGHT HARVESTING +PIR | 20FT | 20 | / | LOWBAY |

| MODEL | IMAGE | COMMISSIONING | INPUT VOLTAGE | DESCRIPTION | DETECTION | MAXIMUM MOUNTING HEIGHT | IP RATE | CERTIFICATION | APPLICATION |
|--------------------------------|-------|---------------|---|---|-----------|-------------------------|---------|---------------|-------------|
| FIXTURE/ZONE CONTROLLER | | | | | | | | | |
| FA102 | | BLUETOOTH | 12V DC | INTERGRATED FIXTURE ADAPTER SINGLE/DUAL CHANNEL | / | / | 20 | cULus | / |
| SHLD0X0L | | BLUETOOTH | 120-277V AC | BLUETOOTH SMART DRIVER DUAL CHANNEL WHITE COLOR TUNING SENSOR READY | / | / | 20 | cULus | / |
| WPPA102 AUX/Z10 | | BLUETOOTH | 12V DC | EXTERNAL FIXTURE ADAPTER 3.5MM AUDIO BACK/ ZHAHA BASE | / | / | 65 | cULus | / |
| PPA102S | | BLUETOOTH | 120-277V AC | 3A FIXTURE CONTROLLER SINGLE/DUAL CHANNEL | / | / | 20 | cULus | / |
| PPA103S | | / | 120-277V AC | 12A POWER PACK WITH 120C OUTPUT 0-10V DIMMING | / | / | 20 | cULus | / |
| PPA104S | | BLUETOOTH | 120-277V AC | 20A POWERPACK ZONE CONTROLLER 0-10V DIMMING | / | / | 20 | cULus | / |
| PPA109S | | BLUETOOTH | 120-277V AC | 10/924 EMERGENCY CONTROLLER | / | / | 20 | Pending | / |
| DMX3 | | BLUETOOTH | 12-48V | DMX CONTROLLER | / | / | 20 | / | / |
| DC4CH | | BLUETOOTH | 120-277V AC | FOUR CHANNEL RGBW CONTROLLER | / | / | 20 | / | / |
| WF20R | | BLUETOOTH | 120-277V AC | 20A PLUG LOAD CONTROLLER | / | / | 20 | cULus | / |
| WALL SWITCH | | | | | | | | | |
| WP1013 | | BLUETOOTH | CR2032*1 BATTERY | 3KEY WIRELESS WALL SWITCH | / | / | 20 | / | / |
| WP1025 | | BLUETOOTH | CR2032*2 BATTERY | 5KEY WIRELESS WALL SWITCH | / | / | 20 | / | / |
| WP1013S | | BLUETOOTH | 120-277V AC | 3KEY AC WIRELESS WALL SWITCH | / | / | 20 | / | / |
| WP1017S | | BLUETOOTH | 120-277V AC | 7 KEY SCENE CONTROLLER WALL SWITCH | / | / | 20 | / | / |
| WP1015S | | BLUETOOTH | CR2032 BATTERY SOLAR POWERED USB CHARGING | 5KEY WIRELESS WALL SWITCH | / | / | 20 | / | / |



CONTACT:

| MODEL | IMAGE | COMMISSIONING | INPUT VOLTAGE | DESCRIPTION | FUNCTION | MAXIMUM MOUNTING HEIGHT | IP RATE | CERTIFICATION | APPLICATION | MODEL | IMAGE | COMMISSIONING | INPUT VOLTAGE | DESCRIPTION | DETECTION | MAXIMUM MOUNTING HEIGHT | IP RATE | CERTIFICATION | APPLICATION |
|---------------------------|--|---------------|---------------|---|------------------------------------|-------------------------|---------|---------------|-------------|--------------------|---|---------------|---------------|---|-----------|-------------------------|---------|---------------|-------------|
| CONFIGURATION TOOL | | | | | | | | | | ACCESSORIES | | | | | | | | | |
| CR01 |  | BLUETOOTH | 5V DC USB | USB GATEWAY LITE | ENERGY MONITORING RTC | | 20 | / | / | RC01 |  | / | / | ACCESSORIES FOR EFS1055/IFS1055E CEILING SENSOR | / | / | / | / | RECESSED |
| CR03 |  | BLUETOOTH | 5V DC USB | REMOTE ACCESS BRIDGE | BLUETOOTH TO WIFI | | 20 | / | / | RC02 |  | / | / | ACCESSORIES FOR EFS107 CEILING SENSOR | / | / | / | / | RECESSED |
| BG01 |  | BLUETOOTH | 12V DC | BLE-485 BRIDGE | 3rd PARTY CONNECTIVITY | / | 20 | CE | / | SC01 |  | / | / | RECEPTACLE FOR EFS106/WPPA102 1/2" KO | / | / | / | / | HIGHBAY |
| APP KEILTON |  | BLUETOOTH | / | USERS COMMISSION APP | COMMISSIONING | / | / | / | / | SC02 |  | / | / | EXTENDER FOR EFS106/WPPA102 | / | / | / | / | HIGHBAY |
| SPIRAL APP |  | BLUETOOTH | / | USER ENGINEERING APP | OTA+ PROFESSION PARAMETER SETTINGS | / | / | / | / | HBLX |  | / | / | HIGHBAY LENS FOR IFS101/IFS106 | / | 40 | 65 | / | HIGHBAY |
| TRACE CONTRACTOR |  | SAAS PLATFORM | / | PROJECT MANAGEMENT | OTA+ COMMISSIONING | / | / | / | / | MBL1 |  | / | / | MIDDLE BAY LENS FOR IFS101/IFS104/IFS106 | / | 20 | 65 | / | MIDDLE BAY |
| TRACE FACTORY |  | SAAS PLATFORM | / | OEM AUTO TESTING | TESTING ANALYSIS | / | / | / | / | LBLX |  | / | / | LOWBAY LENS FOR IFS105E | / | 20 | 20 | / | LOWBAY |
| AIRUX 9 |  | SAAS PLATFORM | / | END USER PROJECT MANAGEMENT + ENERGY MONITORING | ENERGY SAVING | / | / | / | / | LV |  | / | / | LENS LOUVER FOR MBL1 | / | / | / | / | / |





APPLICATION GUIDE

CONTACT:

| FITURE | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|-----------------------------------|--|---|--|---------------------------------------|--|---|--|--------------------------------------|--|------------------------------|--|-------------------------------------|--|--|--|--|--|--|--|--|--|--|--|
| OEM Solution | SHLD050L + IFS108E | | Smart Driver or FA102 + IFS105HE | | EFS106 or EFS116 + SC01 | | FA102 + MWS105 | | Smart Driver + IFS105E | | EFS116 + SC01 | | Smart Driver + MWS105 | | SHLD050L or FA102 + IFS105E | | | | | | | | | |
| MTO Solution | IFS105S or IFS105SE | | EFS104 or EFS106 + SC02 | | EFS106 or EFS116 + SC02 | | FA102 + MWS105 | | IFS101 | | FA102 + MWS105 | | PPA102S + IFS105 | | EFS106 or EFS116 or WPPA102 + SC01 | | | | | | | | | |
| Retrofit Solution | PPA103S + EFS107 | | PPA102S + IFS105 | | EFS104 | | PPA103S + EFS106 or EFS116 + SC02 | | PPA103S + EFS107 | | IFS101 | | EFS104 | | IFS101 | | | | | | | | | |