![ATG LED LIGHTING]

# DUO DIRECT KIT GEN 2

POWER AND CCT SELECTABLE DOORFRAME RETROFIT KIT

## ECDK
### Power and CCT Selectable Doorframe Retrofit Kit

## DESCRIPTION

LED Retrofit Kit / 2X2 & 2X4 / DUO Selectable / 120-277V / 0-10V Dimming

## PRODUCT FEATURES

- Low profile, low glare, low flicker, classic design
- Ambient operating temperature: -20°C(-4°F) to 50°C(122°F)
- THD<20%, Power Factor>0.97
- Emergency backup options available

- Stand Alone Fixture Control(SAFC) options available
- BLE Mesh Control (LLLC) and Circuit Level control (LALC) options available
- Surface mount kit available
- Calculated L70>186,000 hours

\* Control and EM options are sold separately, lead time and extra cost may apply
\* Surface mount kit are sold separately

## POWER SELECTABILITY

- Feature Power Selectable Techology: Adjust wattage between 20W/25W/30W(2X2), 25W/30W/35W(2X4)
- Feature CCT Selectable Technology: Adjust CCT Between 3500K/4000K/5000K

## PRODUCT SPECIFICATIONS

| Part Number | Nominal Wattage(W) | 3500K | | | 4000K | | | 5000K | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Wattage (W) | Efficacy (LM/W) | Lumens (LM) | Wattage (W) | Efficacy (LM/W) | Lumens (LM) | Wattage (W) | Efficacy (LM/W) | Lumens (LM) |
| ECDK22-20W-T1-R0-R1 | 30 | 29.3 | 125.1 | 3,669 | 28.2 | 139.3 | 3,925 | 29.2 | 127.2 | 3,709 |
| | 25 | 24.0 | 130.0 | 3,116 | 23.2 | 143.1 | 3,320 | 23.9 | 132.3 | 3,166 |
| | 20 | 19.6 | 134.3 | 2,627 | 19.0 | 146.1 | 2,779 | 19.6 | 137.0 | 2,682 |
| ECDK24-25W-T1-R0-R1 | 35 | 33.7 | 124.1 | 4,178 | 32.5 | 139.0 | 4,519 | 33.6 | 125.5 | 4,220 |
| | 30 | 28.5 | 128.5 | 3,666 | 27.6 | 142.0 | 3,917 | 28.6 | 129.8 | 3,710 |
| | 25 | 23.5 | 132.9 | 3,122 | 22.8 | 145.1 | 3,308 | 23.5 | 134.2 | 3,155 |

\* All data is based on in-house IES files
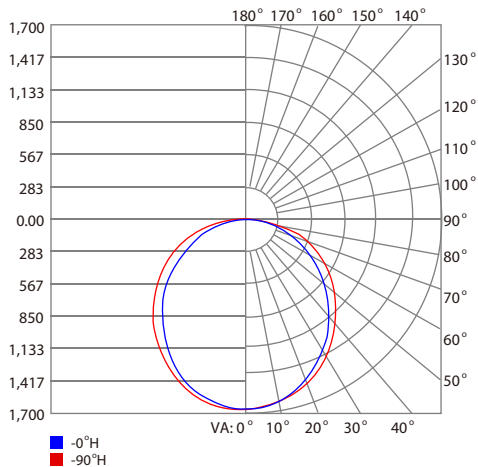\* DLC reported data is based on worst case(lowest CCT, highest wattage)

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## PHOTOMETRIC SPECIFICATIONS

### ECDK24-25W-T1-R0-R1

**POLA CANDELA DISTRIBUTION**



- ■ -0°H
- ■ -90°H

**ISO ILLUMINANCE**



- ■ 20 LUX
- ■ 10 LUX
- ■ 5 LUX
- ■ 1 LUX
- ■ 0.5UX
- ■ 0.1 LUX
- ■ 50% Max Cd

Distance in units of mount heighe(6M)
--- Max Cd
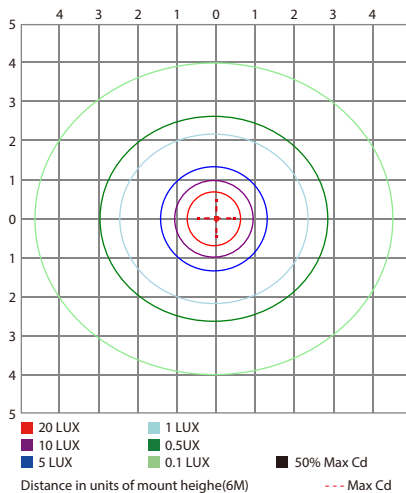
**ZONAL LUMEN SUMMARY**

| Zone | Lumens | % Lamp | % Luminaire |
|------|--------|--------|-------------|
| 0-30 | 1,195.9 | 26.5% | 26.5% |
| 0-40 | 1,949.6 | 43.1% | 43.1% |
| 0-60 | 3,441.5 | 76.2% | 76.2% |
| 60-90 | 1075.4 | 23.8% | 23.8% |
| 70-100 | 502.0 | 11.1% | 11.1% |
| 90-120 | 1.1 | 0% | 0% |
| 0-90 | 4,516.9 | 100% | 100% |
| 90-180 | 2.1 | 0% | 0% |
| 0-180 | 4,519.0 | 100% | 100% |

## PHYSICAL SPECIFICATIONS



### PACKAGING

**Dimensions**

| PART NO. | SCALE | LENGTH | WIDTH | DEPTH |
|----------|-------|--------|-------|-------|
| ECDK22 | inch | 23.7 | 23.7 | 3.1 |
| | mm | 603 | 603 | 54 |

Recorded in inches
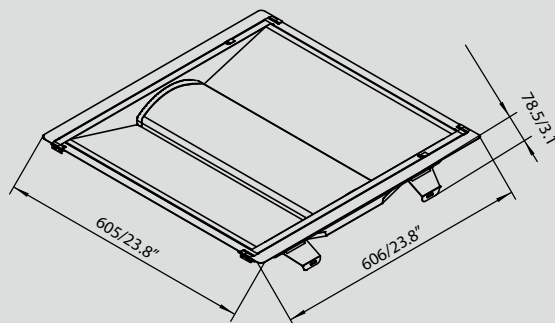


### PACKAGING

**Dimensions**

| PART NO. | SCALE | LENGTH | WIDTH | DEPTH |
|----------|-------|--------|-------|-------|
| ECDK24 | inch | 47.8 | 23.7 | 3.1 |
| | mm | 1213 | 603 | 54 |

Recorded in inches

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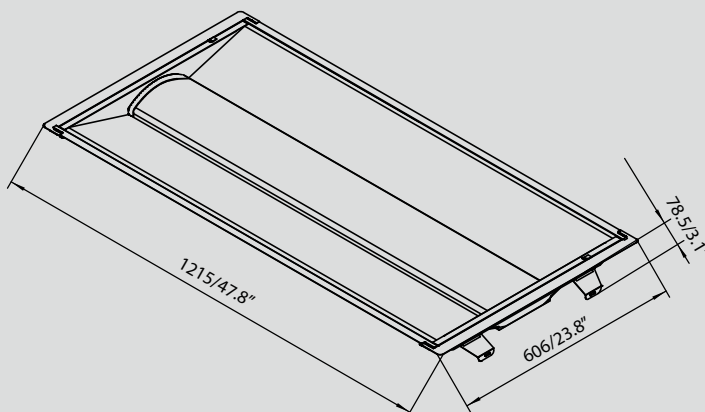
**ECDK**
Power and CCT Selectable Doorframe Retrofit Kit

## DUO SELECTABLE TECHNOLOGY AND PLUG-AND-PLAY SENSOR

This fixture is equipped with field-adjustable Power Select technology.
1. Ensure power is off to the fixture.
2. Open the driver compartment located on the underside of the fixture.
3. Adjust switches to desired settings.
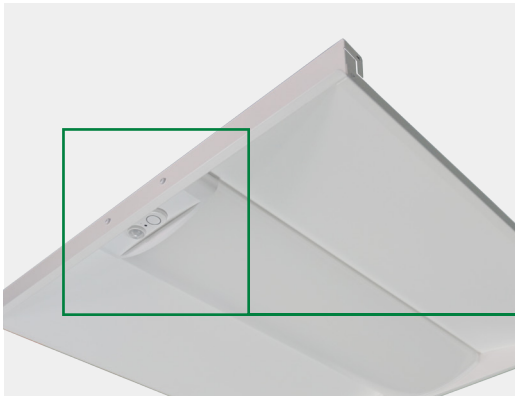


### PLUG AND PLAY MICROWAVE SENSOR

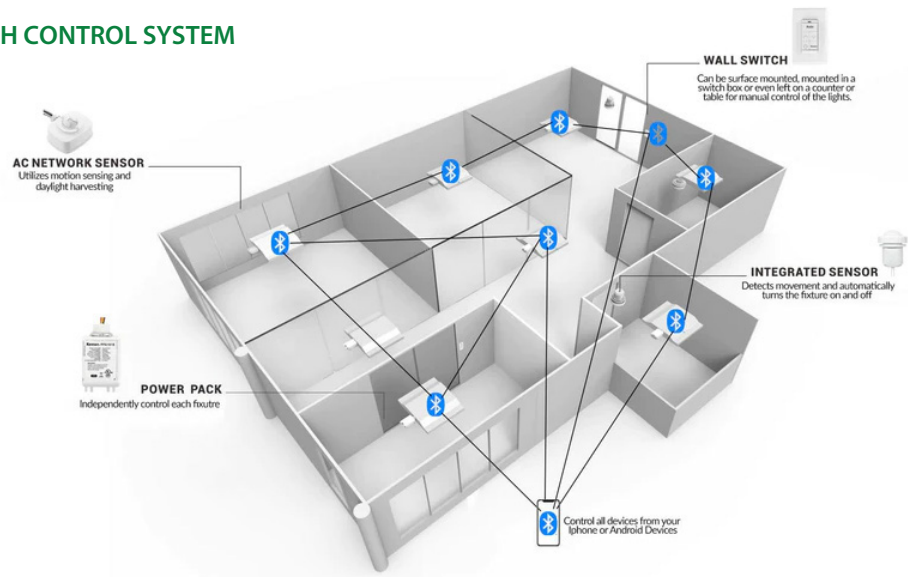With pre-installed receptacle, microwave sensor can be added on site to save labor cost.
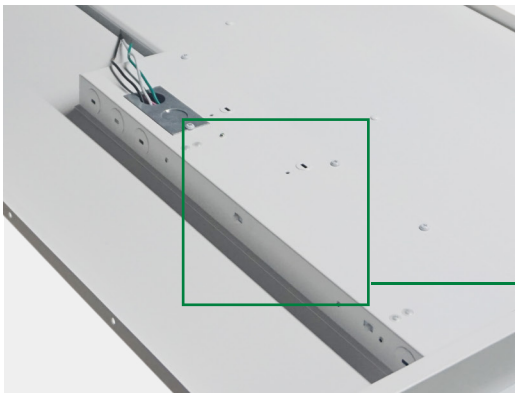


### POWER & CCT SELECTABLE

Wattage and CCT can be easily adjusted via the DIP switch on the driver box.



## COMPATIBLE WITH BLE MESH CONTROL SYSTEM



**WALL SWITCH**
Can be surface mounted, mounted in a switch box or even left on a counter or table for manual control of the lights.

**AC NETWORK SENSOR**
Utilizes motion sensing and daylight harvesting

**INTEGRATED SENSOR**
Detects movement and automatically turns the fixture on and off

**POWER PACK**
Independently control each fixture

Control all devices from your Iphone or Android Devices

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## ECDK
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## ADDITIONAL ACCESSORIES (SOLD SEPARATELY)

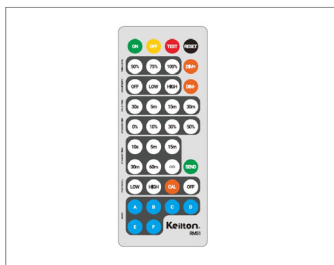| ATG CODE | MODEL NUMBER | DESCRIPTION |
|---|---|---|
| SI | IFS06R | PIR Occupancy Sensor, 12VDC, with Daylight Havesting Function |
| ST | ANT-15P | PIR Occupancy Sensor,12VDC,with Daylight Harvesting Function *Recommended* |
| CJ | RM51 | Remote for IFS06R & IFS108-BH4 |
| R1 | RC-100 | Remote for ANT-15P |
| E7 | EMH-08170-FY | Emergency Backup, 120-277VAC input, Emergency Output: 8W, with Li-ion Battery |
| SMK22 | HAC-CLMB0-0600A0-RS | Surface Mount Kit for 2x2 Troffer |
| SMK24 | HAC-CLMB0-0612A0-RS | Surface Mount Kit for 2x4 Troffer |
| B1 | IFS108 | Bluetooth & PIR Motion Sensor, Daylight Harvesting Enabled, 12VDC |
| WS1 | WP1013 | Bluetooth Wireless Wall Switch, 3-Key, Battery Powered |
| WS2 | WP1013S | Bluetooth Line Voltage Wall Switch, 3-Key, 120-277VAC |
| WS3 | WP1017S | Bluetooth Line Voltage Wall Switch, 7-Key, 120-277VAC |
| WS4 | WP1025 | Bluetooth Wireless Wall Switch, 5-Key, Battery Powered |
| P1 | PPA102S | Line Voltage 6A Bluetooth Fixture Controller |

## SENSOR & EMERGENCY DRIVER



**ANT-15P *Recommended***



**IFS06R**



**EMH-08170-FY**



**RC-100**



**RM51**



**IFS108**



**WP1013**



**WP1013S**



**WP1017S**



**WP1025**



**PPA102S.C2**

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## ECDK
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## ORDER FORMAT

## EXAMPLE: ECDK22-20W-T1-R0-R1

| Series | Size | Wattage | CCT | Driver | Option |
|---|---|---|---|---|---|
| **ECDK** | | – | – | – | – |
| ECDK | **22**=2'X2' | **20W**=20W/25W/30W Selectable | **T1**=3500K/4000K/5000K Selectable | **Blank**=100-277VAC, without 12VDC AUX | **Blank**=without receptacle |
| | **24**=2'X4' | **25W**=25W/30W/35W Selectable | | **R0**=100-277VAC, with 12VDC AUX | **R1**=receptacle pre-installed |

* PLS SEE BELOW PAGE FOR QUICK ORDERING GUIDE

## QUICK ORDERING GUIDE

| ✔ | Part Number | Description | QUICK SHIPPING* |
|---|---|---|---|
| | ECDK24-25W-T1-R0-R1 | G2 DUO LED Direct Kit, CCT&Power Switchable, 2x4, 3500K/4000K/5000K, 25W/30W/35W, 100-277VAC, Slim Version, with 12VDC AUX & Receptacle | ✔ |
| | ECDK22-20W-T1-R0-R1 | G2 DUO LED Direct Kit, CCT&Power Switchable, 2x2, 3500K/4000K/5000K, 20W/25W/30W, 100-277VAC, Slim Version, with 12VDC AUX & Receptacle | ✔ |
| | ECDK22T-30W-01 | DUO LED Direct Kit, CCT&Power Switchable, 2x2, 3500K/4000K/5000K, 20W/25W/30W, 100-277VAC *CLEARANCE* | ✔ |
| | ANT-15P | Bi-Level PIR Sensor, 12~24VDC | ✔ |
| | RC-100 | Remote for ANT-15P | ✔ |
| | ILB-CP05-A | Emergency Backup | |
| | EMH-08170-FY | Emergency Backup | ✔ |
| | IFS108 | Bluetooth & PIR Motion Sensor, Daylight Harvesting Enabled, 12VDC | ✔ |
| | WP1013 | Bluetooth Wireless Wall Switch, 3-Key, Battery Powered | ✔ |
| | WP1013S | Bluetooth Line Voltage Wall Switch, 3-Key, 120-277VAC | ✔ |
| | WP1017S | Bluetooth Line Voltage Wall Switch, 7-Key, 120-277VAC | ✔ |
| | WP1025 | Bluetooth Wireless Wall Switch, 5-Key, Battery Powered | ✔ |
| | PPA102S | Line Voltage 6A Bluetooth Fixture Controller | ✔ |

* QUICK SHIPPING means this is a inventory product, please contact our sales for realtime stock information.

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