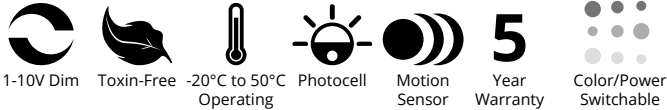


The DUO Direct Kit is a universal retrofit package that allows LED light engines to be incorporated into any existing luminaires of standard 1x4, 2x2, or 2x4 dimensions. The design allows fixture housings to be retained while efficient LED light drivers take the place of conventional lamps.

Luminaire	Color and Lumen Switchable Direct Kit	Type
Project		
Product		
Notes		

- Features**
- Field-adjustable light output with 3 discrete steps
 - White Tunable with 3 discrete steps
 - Easy installation by hand in minutes within standard dimensions



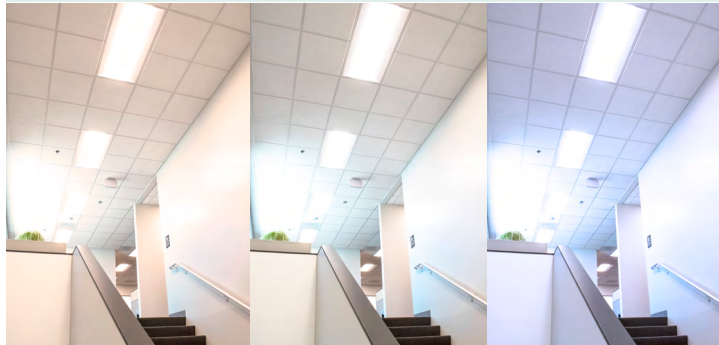
Order Format

Sample: ECRT22T-30W-01

Series	Model	Wattage	CCT	Voltage
Duo Troffer=ECDK	22T=2'x2' CCT& Lumen Switchable	30W= 20W/25W/30W Switchable	01=3500/4000/5000 Switchable	Blank=100-277V
	24T=2'x4' CCT& Lumen Switchable	34W= 25W/30W/34W Switchable		

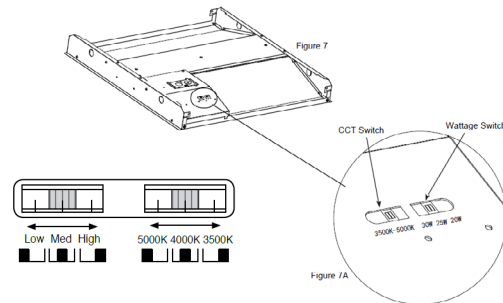
Application

Engineered for the renovation market and well suited for schools, offices, hospitals, auditoriums and many more applications. Any standard-sized fixture can accommodate the Direct Kit.



Construction

Constructed in a sturdy and well-fitted sheet metal and PC diffuser, with a frosted lens for brilliant illumination. The luminaire is coated in an environmentally friendly polyester powder formulated for a durable and long-lasting color in a matte white finish. No toxic heavy metals, VOC, or mercury were used in the design of this product.



Electrical

Long-life LEDs, coupled with high-efficiency drivers, provide superior quantity and quality of illumination for extended service life. The efficacy is up to 134 LM/W. L70 Calculated Life is over 100,000 hours. Standard Universal Voltage (120-277 Vac) input 50/60Hz.

Input Voltage (VAC)	120-277 50/60Hz
CRI	80
CCT(K)	3500/4000/5000 Switchable
PF	.9
THD	20%
Warranty	5 Years

*contact sales for lead time

Certifications

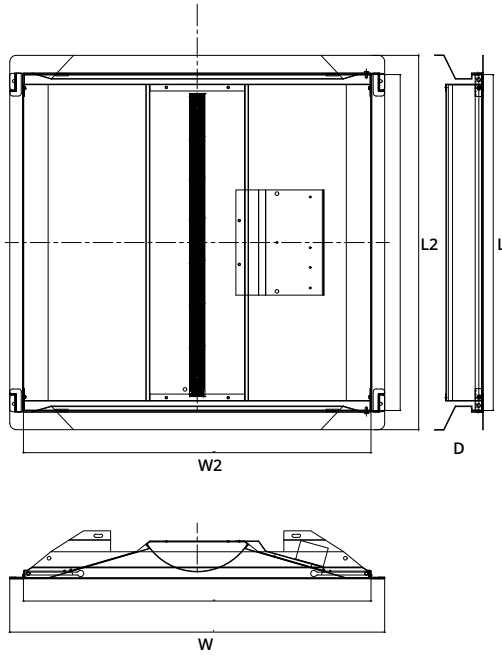
- DLC Premium V5.0
- UL
- CE
- RoHS
- Title 24

Lumen Data

Size	Part Number	Wattage (W)	3500K		4000K		5000K	
			Efficacy (Lm/W)	Lumens (Lm)	Efficacy (Lm/W)	Lumens (Lm)	Efficacy (Lm/W)	Lumens (Lm)
2x2	ECDK22T-30W-01	30W	125	3750	127	3810	126	3780
		25W	132	3300	134	3350	133	3325
		20W	130	2600	132	2640	131	2620
2x4	ECDK24T-34W-01	34W	125	4250	127	4318	126	4284
		30W	132	3960	134	4020	133	3990
		25W	130	3250	132	3300	131	3275

Dimension

30W

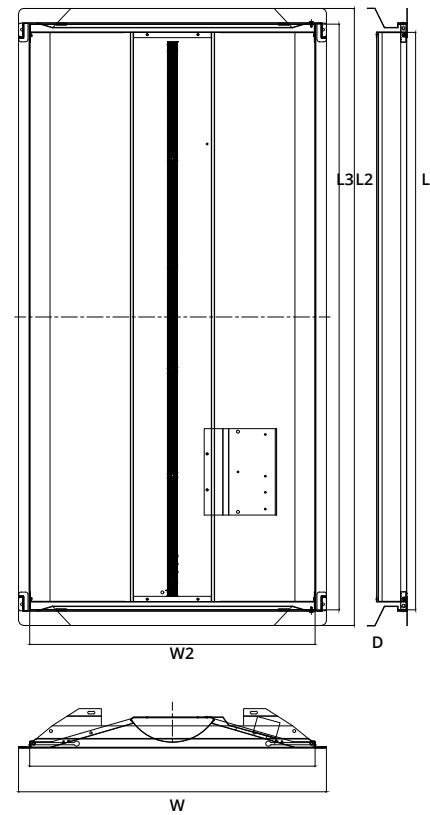


Part No.	Length (L)	Length (L2)	Width (W)	Width (W2)	Depth (D)
ECRT22T	21.37	23.81	23.85	22.13	2.76

Recorded in inches

Dimension

34W

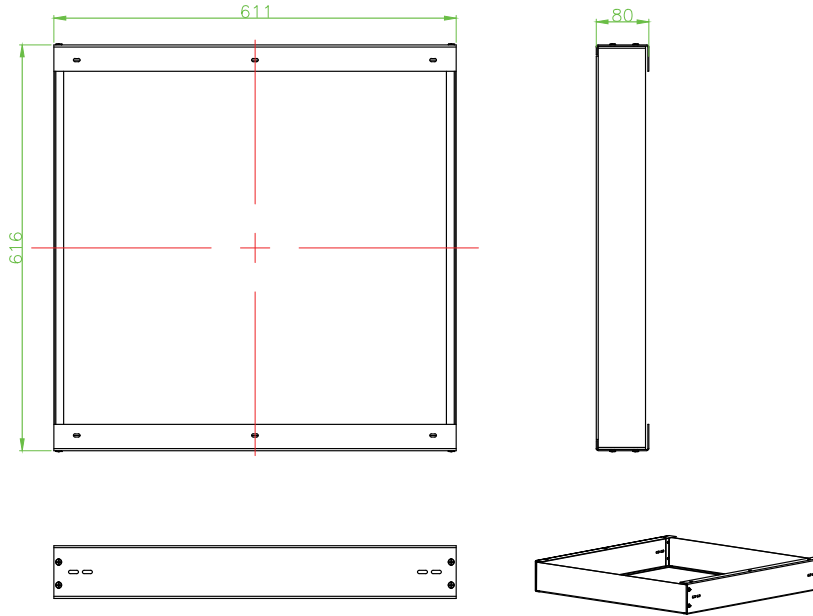


Part No.	Length (L)	Length (L2)	Length (L3)	Width (W)	Width (W2)	Depth (D)
ECRT24T	44.76	47.83	45.39	23.85	22.12	2.76

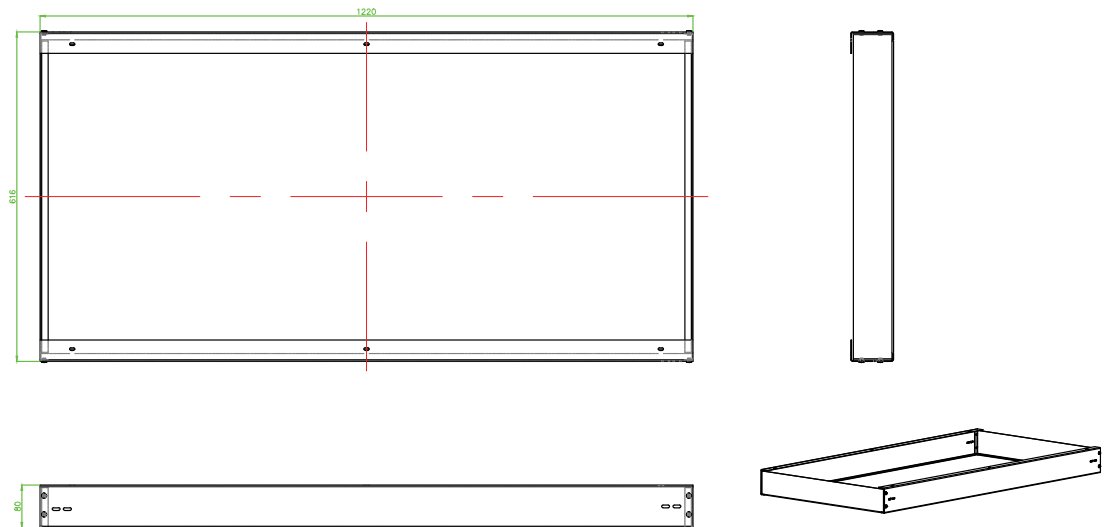
Recorded in inches

Accessories

2x2 SMK
CLMB0-0600A0-RS



2x4 SMK
HAC-CLMB0-0612A0-RS



Electrical Accessories



WP-08U-48-EA
Emergency Driver
[online download](#)



Descriptions

Protects against short-circuits, open-circuits, and over-load.



Motion
Sensor

BRI810-B-F
Bi-level and Daylight
Harvest Sensor
[online download](#)



BRI810-B-F is a moving object sensor that can detect range of 360° and its working frequency is 5.8GHz. The advantage of this product is stable working state (stable working temperature: -40°C+70°C), BRI810-B-F adopts a microwave sensor (high-frequency output < 0.2mW), so that it is safe and performs better than infrared sensor.

***only for factory installation**

ANT-4
Passive Infrared
Occupancy Bi Level
Sensor



Provides daylight harvest control. 10-28Vdc power and controls 0-10VDC LED drivers or dimming ballasts. All parameters adjustable via dip switch.

RF
Wireless System
[online download](#)



Includes:

1. Power Pack 0-10V dimming module: which controls load according to radio frequency (RF) command sending from sensor or dimmer.
2. Wireless PIR occupancy / vacancy sensor: which detect people movement to see if the space is occupied, then send wireless command to dimming module to control the light on/off/dim automatically.
3. Wireless daylight harvest sensor: which measure light in the space, then wirelessly transmits the light level to the associated dimming module that automatically control the lights to balance light level in the space.
4. Wireless Dimmer: which can be used to manually turn on/off and dim lights.