ECRT   Duo Troffer
Indoor

ATG LED LIGHTING
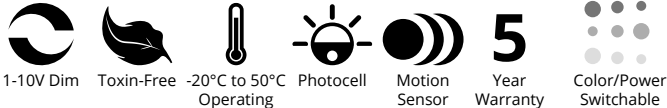
The DUO Switchable troffer provides a low profile, low glare lighting solution that's more aesthetically pleasing for environments that require a warmer yet professional presentation. It includes two DIP switches to easily and reliably adjust CCT and lumens. The fixture can be used for general office lighting, providing suitable light without any of the maintenance issues associated with fluorescent tubes. 3 CCT options and 3 lumen package options can save more on inventory cost.

Luminaire	Color and Lumen Switchable Solo Troffer	Type
Project		
Product		
Notes		

Features

- Field-adjustable light output with 3 discrete steps
- White Tunable with 3 discrete steps
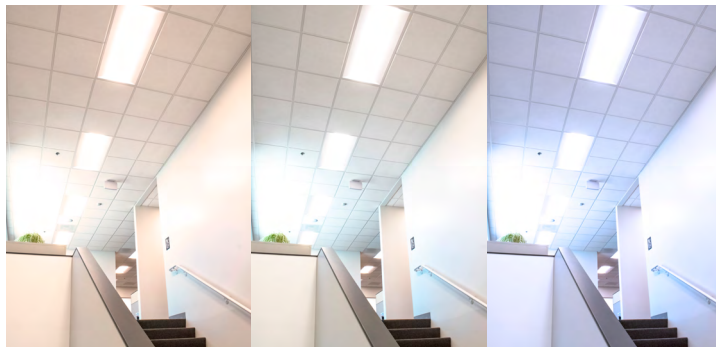- Emergency backup unit and occupancy sensor available

1-10V Dim	Toxin-Free	-20°C to 50°C Operating	Photocell	Motion Sensor	5 Year Warranty	Color/Power Switchable

DLC PREMIUM   UL   CE   RoHS   24

Order Format

Sample: ECRT22T-30W-01

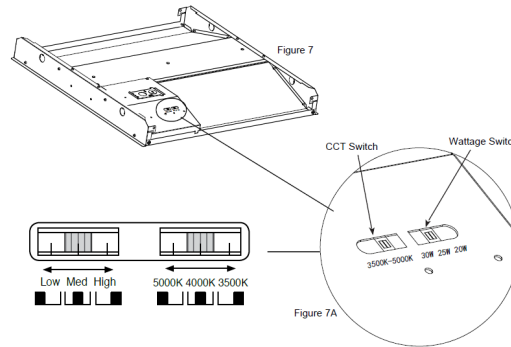| Series	Model		Wattage		CCT	Voltage
Duo Troffer=ECRT	22T=2'x2' CCT& Lumen Switchable	-	30W= 20W/25W/30W Switchable	-	01=3500/4000/5000 Switchable	- Blank=100-277V
	24T=2'x4' CCT& Lumen Switchable		34W= 25W/30W/34W Switchable			

Application

The DUO troffer can be recessed in any standard sized grid ceiling. In non-grid type ceilings, the fixture may be installed via surface mount. This sleek, versatile fixture is ideal for indoor environments where presentations and visual comfort are at a premium. Retail outlets, corporate offices, indoor galleries, and other high end installations use DUO troffer to great effect.

Construction

The DUO Troffer's discreet, low-profile frame is fitted from sheet metal, and uses a polycarbonate lens. The frosted diffuser is used to enhance consistency of light distribution. The slim design allows for versatile placement of the luminaire, even when recessed mounting is not available. The fixture is coated with a proprietary paint blend and die-formed for dimensional consistency.

Figure 7

CCT Switch   Wattage Switch

Low Med High   5000K 4000K 3500K

3500K-5000K   30W 25W 20W

Figure 7A

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 input is 120-277V.

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

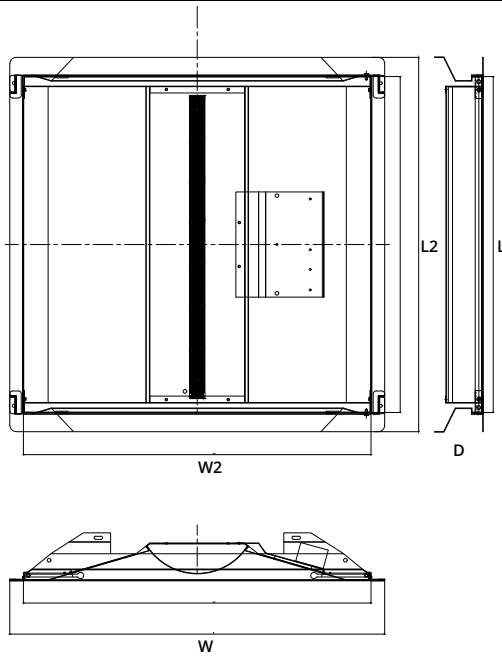|	
Input Voltage (VAC)	120-277, 50/60 Hz
CRI	80
CCT(K)	3500/4000/5000 Switchable
PF	.9
THD	20%
L70	100,000+
Warranty	5 Years

*L70 data is calculated based on LM80 and ISMT reports

Lumen Data

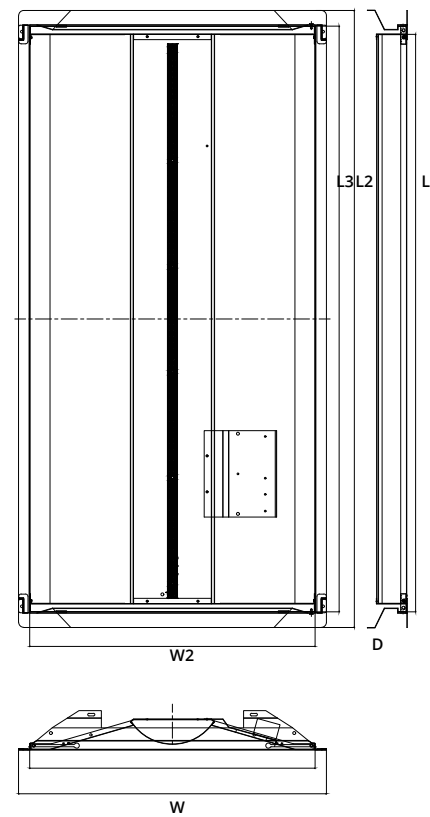| Size	Part Number	Wattage (W)	3500K		4000K		5000K	
			Efficacy (Lm/W)	Lumens (Lm)	Efficacy (Lm/W)	Lumens (Lm)	Efficacy (Lm/W)	Lumens (Lm)
2x2	ECRT22T-30W-01	30W	125	3750	127	3810	126	3780
		25W	132	3300	134	3350	133	3325
		20W	130	2600	132	2640	131	2620
2x4	ECRT24T-34W-01	34W	125	4250	127	4318	126	4284
		30W	132	3960	134	4020	133	3990
		25W	130	3250	132	3300	131	3275

Dimension

30W

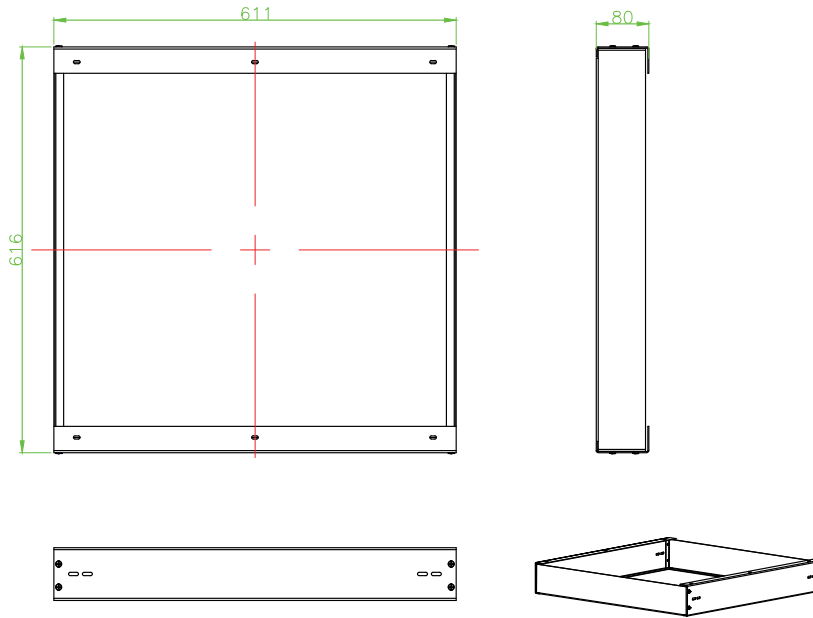| Part No.	Length (L)	Length (L2)	Width (W)	Width (W2)	Depth (D)
ECRT22T	21.37	23.81	23.85	22.13	2.76

Recorded in inches

Dimension

34W

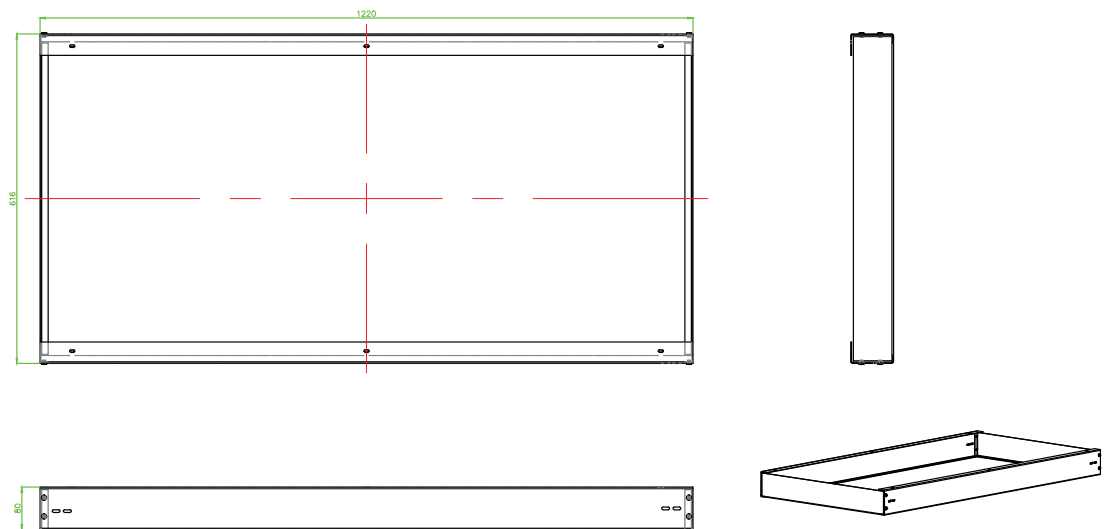| Part No.	Length (L)	Length (L2)	Length (L3)	Width (W)	Width (W2)	Depth (D)
ECRT24T	44.76	47.83	45.39	23.85	22.12	2.76

Recorded in inches

ATG
LED LIGHTING

Accessories

2x2 SMK
CLMB0-0600A0-RS

611

80

616

2x4 SMK
HAC-CLMB0-0612A0-RS

1220

616

80

Electrical Accessories

Descriptions

WP-08U-48-EA
Emergency Driver
online download

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

BRI810-B-F
Bi-level and Daylight Harvest Sensor
online download

*only for factory installation

Motion Sensor

BRl810-B-F is a moving object sensor that can detect range of 360° and it' s working frequency is 5. 8GHz. The advantage of this product is stable working state (stable working temperature: -40°C-+ 70° C), BRl810-B-F adopts a microwave sensor{high-frequency output<0.2mW),so that it is safe and performs better than infrared sensor.

ANT-4
Passive Infrared Occupancy Bi Level Sensor

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

RF
Wireless System
online download

 Includes:
1.Power Pack 0-1 0V 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 .