ELT-AVT

Project Name:	
Type:	

ELT-AVT series offer four designs that emulate popular themes in architectural design trends, allowing the luminaires to complements any environments. With a unique design solution, this luminaire can dynamically transform grid ceiling lighting design in commercial environments.

APPLICATION

These color capable luminaires bring flexibility and open doors to various types of applications. The RGB technology is a combination of three primary colors - red, green, and blue - to form a different array of colors. The RGBW technology is a combination of those three primary colors in addition to white. Additional white LEDs illuminates a much purer white tone and brings flexibility for color mixing through the RGB chips. Playing with different colors of the LEDs can form infinite color hue possibilities to not only just illuminate space, but manipulate for your desired hue and shades. Flexible control solutions from wireless remote, Bluetooth, to DMX512 with a wall mount touch panel can provide an ultimate solution to optimize the needs from residential to commercial, healthcare, education, retails, entertainment, office, and more.

FEATURES:

- Die formed, cold-rolled, heavy gauge steel housing construction provides durability and strength.
- Standard steel door frame allows easy lens replacement without tool. Aluminum door frame is optional. Unique door frame design delivers a premium extrude appearance. Smooth edges for easy handling. Powder-painted, steel door latches provide easy, secure door closure.
- Aluminum door frame is available.
- Painted part finished with high-gloss baked white enamel over rust inhibiting phosphate coating.
- The one piece diffusers are produced from a proprietary blend of acrylic and impact acrylic resins.
- PAF (Painted After Fabrication) finish is standard for corrosion resistance and efficiency.

MOUNTING:

- Recessed ceiling mount. Compatible with most ceiling types.
- Field installed flanged kit is available as option.
- Ceiling surface mount. (optional)

LISTING:

- UL/CUL listed and labeled.
- Listed to UL 1598 and UL 8750.
- Recessed Luminaires, Type IC
- Suitable for damp locations.
- Assembled in USA (optional).
- BAA compliant (optional).
- Warranty:
  Power Supply: 5 years limited warranty.
  LED: 15 years limited warranty.

CONFIGURATIONS

Series	Size	LED	RGB				RGBW					
			Total Watt	RED	GREEN	BLUE	Total Watt	RED	GREEN	BLUE	WHITE 30K	WHITE 42K
ELT-2G-AVT	2' x 2'	DLL	17.6W	80 lm	368 lm	76 lm	16W	44 lm	184 lm	40 lm	672 lm	732 lm
		DLO	35.2W	160 lm	736 lm	152 lm	40W	173.62 lm	800 lm	160 lm	1592 lm	1656 lm
		DHO	52.8W	240 lm	1104 lm	228 lm	80W	346.64 lm	1600 lm	320 lm	3184 lm	3312 lm
	2' x 4'	DLL	-	-	-	-	35.2W	88 lm	368 lm	80 lm	1344 lm	1464 lm
		DLO	35.2W	160 lm	736 lm	152 lm	80W	346.64 lm	1600 lm	320 lm	3184 lm	3312 lm
		DHO	70.4W	320 lm	1472 lm	304 lm	160W	693.28 lm	3200 lm	640 lm	6368 lm	6624 lm

CEILING OPENING

Series	Size	Width	Length
FK	2' x 2'	24-3/16"	24-5/16"
	2' x 4'	24-3/16"	48-1/4"
FTSH	2' x 2'	24-1/8"	24-3/4"
	2' x 4'	24-1/8"	48-1/2"

CR (Curved Ribbed Center)	CB (Curved Body)	FC (Flat Center)	CC (Concave Body)

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ELT-AVT

ORDERING INFORMATION

EXAMPLE: ELT24-2G-AVT-FC-DLO-RGBW-42K-UNV-CV24

MODEL		TYPE		LED		SYSTEM		DOOR FRAME	
ELT22-2G-AVT	2' x 2'	CR	Curved Ribbed Center	DLL	Low Low output	RGBW-30K	RGBW with wireless or Bluetooth solution, 3000K white [5]	(Blank)	Flush Steel, White
ELT24-2G-AVT	2' x 4'	CB	Curved Body	DLO	Low output			SB	Flush Steel, Black
		FC	Flat Center	DHO	High output	RGBW-42K	RGBW with wireless or Bluetooth solution, 4200K white [5]	FB	Flush Aluminum, Black
		CC	Concave Body					FN	Flush Aluminum, Natural
								FW	Flush Aluminum, White
								RB	Regressed Aluminum, Black
								RN	Regressed Aluminum, Natural
								RW	Regressed Aluminum, White
								AMB	Anti-Microbial Coating (Matte Skye White)

| MOUNTING		VOLTAGE		LED DRIVER		CONTROLS [5]	
(Blank)	9/16", 15/16" T-bar recessed	UNV	120-277V	CV24	24VDC Power Supply	WL-MZ-WH	4-Zone RF remote, white
FK	Flange Kit (Field install) for drywall [1]	120	120V			WL-MZ-BK	4-Zone RF remote, black
FTSH	Pre-installed Flanged Trim for drywall [2]	277	277V			BLT	Bluetooth / Smartphone App
S	Surface mount			4DMX	4-Channel DMX512 decoder	(Blank)	No options or controls from below
	Trim type must be ordered for recessed mount					DMXT14	4-zone DMX512 wall mount touch panel, 85~265VAC input only
						DMXT8	4-zone DMX512 wall mount touch panel, 5vdc adapter provided

OPTIONS	
EMG8	1296 LUMEN EM Battery Backup (CEC Compliant EM) [3,4]
EMG15	2430 LUMEN EM Battery Backup (CEC Compliant EM) [3,4]
EMG20	3240 LUMEN EM Battery Backup (CEC Compliant EM) [3,4]
EMG25	4050 LUMEN EM Battery Backup (CEC Compliant EM) [3,4]
ELCU-200	Fail-to-on Emergency lighting, UL924 [6]
GTD	Bodine Generator Transfer Device
GTD10DIM	Bodine Generator Transfer Device (0-10VDC Dimmer Override)
ARRA	Assembled in USA for Buy American Act
BAA	BAA(Buy American Act) and BABA(Build America Buy America) compliant
WT	Wet Location [7]
PW6	Pre-wired 6' Whip Flex
GS1	Single Gasketing
GS2	Double Gasketing
GS3	Triple Gasketing
WL-HLD-WH	Remote holder for WL-MZ, white
WL-HLD-BL	Remote holder for WL-MZ, black

NOTES:
1. Flange kits are supplied in separate boxes, field installed.
2. Flanged trims are supplied with swing gate hanger.
3. Contact factory for other emergency ballast options.
4. Must specify voltage, not available with 347V, 480V.
5. Refer to Table1 and Table 2 to find more information.
6. Shipped separately.
7. Recessed mount only. Closed cell gasket between housing and door frame, and between lens and door frame (additional gasket between housing and ceiling grid available with G3 option). FW door and Grid Ceiling only.

LED RECESSED TROFFER

ELT-AVT

RECESSED MOUNT DIMENSIONS
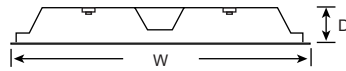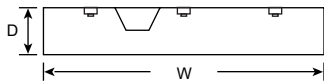

Specifications: 2'x2'
Length: 23-3/4 (603)
Width: 23-15/16 (608)
Depth: 3-1/2 (88.9)
Weight: 13.07 lbs (5.93 kg)

Specifications: 2'x4'
Length: 47-3/4 (1213)
Width: 23-15/16 (608)
Depth: 3-1/2 (88.9)
Weight: 21.01 lbs (9.53 kg)

All dimensions are in inches (millimeters).
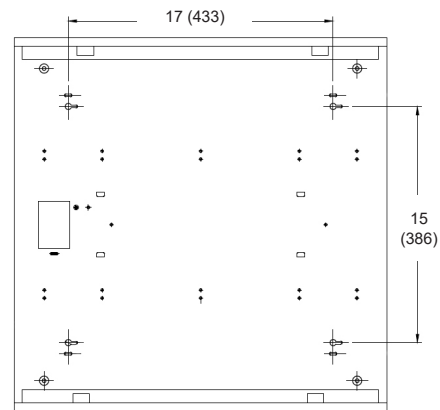
SURFACE MOUNT DIMENSIONS

Specifications: 2'x2'
Length: 24 (608)
Width: 24 (608)
Depth: 3-7/8 (99)
Weight: 16.16 lbs (7.33 kg)
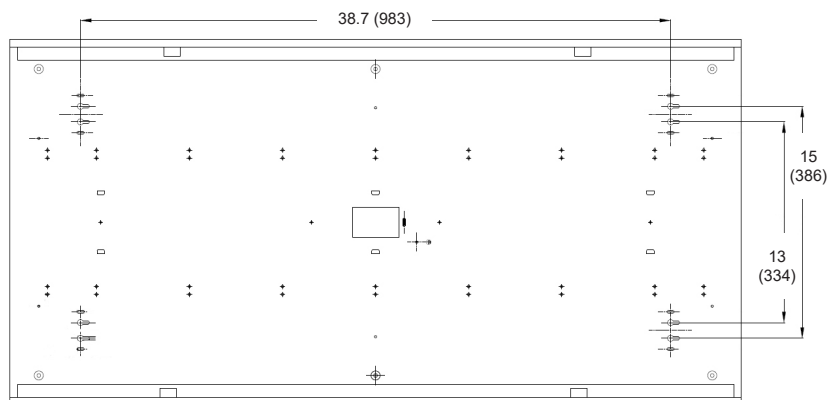
Specifications: 2'x4'
Length: 48 (1218)
Width: 24 (608)
Depth: 3-7/8 (99)
Weight: 26.3 lbs (11.93 kg)

All dimensions are in inches (millimeters).

2X2

2X4

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RGBW CONFIGURATION

Input Voltage	24V		
Watt / foot	9.3 W/ft, 563 lm/W		
Lumen / foot	R: 36.82 lm/ft		
	G: 79.55 lm/ft		
	B: 25.82 lm/ft		
	W: 100.35 lm/ft (30K), 116.8 lm/ft (40K)		
CRI for white LEDs	80		
Color Consistency	3-step MacAdam binning		
Lumen Maintenance	> 50,000 hours		
Control Options	Wireless Easy control remote, Group / Multi Zone wireless remote, Bluetooth (Smartphone / APP)		

CONTROL (TABLE 1)

* Remote holder sold separately

WL-MZ (RF remote control)

Dimensions	W 2" x D 0.825" x H 4.725"
Weight	0.1lbs
Signal Type	RF (Radio Frequency) 2.4GHz
Range	98ft from fixture open air
Zone / Mode	4 zones / 9 modes
Working Temp.	-4ºF to 131ºF (-20ºC to 55ºC)
* Battery	2 x AAA battery

* Not included

WL-HLD-WH   **WL-HLD-BK**

Smart Life   **Tuya Smart**

BLT (Bluetooth / Smartphone App)

	Bluetooth
Software	IOS 8.0 and up, Android 4.4 and up
App	Smart Life or Tuya Smart supported
Features	Group, Scences
Bluetooth Distance	> 49ft in open area
Additional Feature	Home Management / Third party control -> Alexa, Google Assistant (by others)

ELT-AVT

4DMX (TABLE2)

DMX D+ input
DMX D- input -
DMX D+output
DMX D- output

Power input -

Power input+

DMX512 & RDM Decoder

Uin=12-36VDC
Iin =20.5A

Uout4=(12-24)VDC
Iout4=5A
Pout4 =(60-120)W
Temp Range:
-30°C~+65°C

888

0.5~2.5mm²
7mm

M ◄ ►

CE RoHS

Output channel 4
Common +
Output channel 3
Common +
Output channel 2
Common +
Output channel 1
Common +
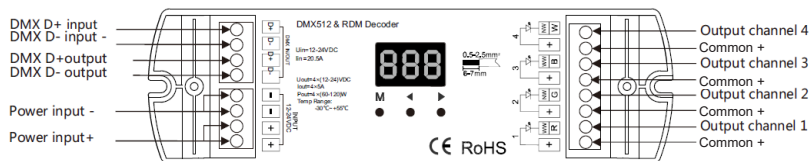
4DMX (4-channel DMX decoder)

Dimensions	L 6.7" x W 2" x D 0.9"
Output Current	5A / channels
Input Voltage	12-24V DC
Output Power	4 x (60-120)W
Frequency	PWM output

DMXT14

Zone	4 zone
Signal	DMX512 protocol
Input Voltage	85-265VAC
Dimensions	L 3.4" x H 3.4" x D 1.45"
Features	10 built-in mode, scene
Operating Temp.	-22ºF ~ 131ºF (-30ºC ~ 55ºC)

DMXT8

Zone	4 zone
Signal	DMX512 protocol
Dimensions	L 7" x H 1.3" x D 1.9"
Features	12 built-in mode, scene
Operating Temp.	-22ºF ~ 131ºF (-30ºC ~ 55ºC)

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