

CATALOG #: \_\_\_\_\_

TYPE: \_\_\_\_\_

PROJECT: \_\_\_\_\_

## FEATURES

- Tunable white from 3000K to 5000K CCT, minimum 80 CRI
- Backlit curved lens provides uniform illumination for visual comfort
- Distinct curved deep center detail creates a highly-aesthetic presence
- Available with decorative inserts to customize center lens
- Maximize energy savings with efficacies as high as 109 lm/w
- Hinged door frame with optical assembly swings down to allow easy access from room side of fixture
- Optional gasketed acrylic lens helps protect against contaminants
- Made Right Here® in the USA

## SPECIFICATIONS

- HOUSING**— Precision die-formed 22-gauge C.R.S.
- DOOR FRAME** – Hinged, flat, extruded aluminum door frame with optical assembly.
- SHIELDING** – Diffuse polycarbonate lens and acrylic center standard.
- FINISH** – 95% reflective white polyester powder coat bonded to phosphate-free, multi-stage pretreated metal. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.
- ELECTRICAL** – High quality mid-power LED boards. L70 >50,000 hours per IES TM-21. Tunable White products use LEDs of multiple shade of white from single-CCT products at the same CCT. All CCTs are within 3 MacAdam ellipses.
- MOUNTING** –Designed for NEMA Type “G” 1” grid ceiling standard. For NEMA Type “NFG” and “SG” 9/16” grid installations, specify EQCLIPS option. NEMA Type “F” available, see options.
- LISTINGS** –
  - cETLus conforms to UL STD 1598 and UL STD 8750.
  - Certified to CAN/CSA STD C22.2 No. 250.0.
  - Suitable for damp locations.
  - IC-rated for direct contact with insulation.
  - City of Chicago Environmental Air approved when specified with CP option.
- WARRANTY** – 5-year limited warranty, see [hew.com/warranty](http://hew.com/warranty).

## ORDERING EXAMPLE: AT2 - 2 4 - L69/8TW - D - OPTIONS - DALI - UNV

### ORDERING INFO

SERIES	WIDTH	LENGTH	LUMENS <sup>[1]</sup>	COLOR	SHIELDING
AT2	2 2'	2 2'	2x2	8TW Tunable white (80 CRI, 3000K-5000K)	D Diffuse matte acrylic center
		4 4'	L20 2,000lm		P Perforated center <sup>[2]</sup>
		L35 3,500lm	<b>DECORATIVE INSERTS <sup>[3]</sup></b>		
		L50 5,000lm	D11 Triple wave		
		2x4	L35 3,500lm		D12 Brushed metal
			L50 5,000lm		D13 Elliptical Perf
		L69 6,900lm		D14 Circles	
				D15 Stripes	
				D16 Tri-Pyramid	

### OPTIONS

- EM/7W** 7-watt emergency LED battery
- EM/10W** 10-watt emergency LED battery
- EM/12W** 12-watt emergency LED battery
- EQCLIPS (L\_\_)** Earthquake clips <sup>[5]</sup>  
Additional lower lumen packages available. <sup>[6]</sup>  
Example: 6,000 nominal lumens = AT2-24-L69/8TW-D-(L60).
- SS** Sani-shield acrylic cover with double gasket. <sup>[7]</sup>
- SS/PC** Sani-shield polycarbonate cover with double gasket. <sup>[8]</sup>
- AMW** Anti-microbial white finish
- NEMA F** NEMA Type “F” flange kit <sup>[9]</sup>
- CP** Chicago Plenum (CCEA)

### CONTROL <sup>[4]</sup>

- DALI** Driver prewired for DALI applications
- DIM** Dimming driver with (1) 0-10V signal to control dimming and (1) 0-10V signal to control CCT
- DMX** Driver prewired for DMX applications
- PSQ** Lutron T-Series 2-channel tunable white 1%.

### VOLTAGE

- 120** 120V
- 277** 277V
- UNV** 120-277V

## NOTES

- Lumen output based on 4000 CCT. Actual lumens may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA. Additional lumen packages available, see options.
- Decreases lumen output by 15%
- Only available with D shielding option. See page 3 for DIFFUSE CENTER DECORATIVE INSERT DETAILS.
- See page 3 for CONTROL DETAILS.

- 4 per fixture. Optional for 1” grid installations. Required for 9/16” grid mounting. Not available with NEMA F Option.
- Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- Reduces lumen output by 10%.
- Reduces lumen output by 10%.
- Factory-installed. See page 2 for NEMA TYPE “F” INSTALLATION.



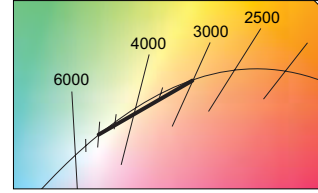
# AT2 tunable WHITE Architectural Troffer – Curved Deep Center

## FIXTURE PERFORMANCE DATA

	LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
2x2	L20	2100	21.1	99.8
	L35	3641	38.0	95.8
	L50	5121	54.7	93.7
2x4	L35	3596	32.8	109.6
	L50	5120	47.0	108.9
	L69	7100	68.4	103.8

### MULTIPLIER TABLE

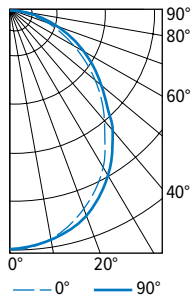
CCT	CONVERSION FACTOR	
	LUMENS	WATTAGE
3000K	0.95	1.04
3500K	0.98	1.02
4000K	1.00	1.00
5000K	0.96	1.04



- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Wattage shown is average for 120V through 277V input.
- Results based on 4000K, 80 CRI, actual lumens may vary +/-5%
- Use multiplier tables to calculate additional options.

## PHOTOMETRY

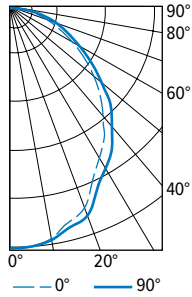
AT2-22-L50/8TW-D-DALI Total Luminaire Output: 5122 lumens; 55 Watts | Efficacy: 94 lm/W | 82 CRI; 4000K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	2094	2094	2094	
	5	2089	2082	2079	197
	15	1960	1982	2002	559
	25	1738	1793	1845	824
	35	1439	1521	1591	944
	45	1102	1182	1264	911
	55	783	845	915	759
	65	491	551	601	547
	75	239	287	324	305
	85	40	60	52	75
	90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1580	31
	0 - 40	2524	49
	0 - 60	4194	82
	0 - 90	5122	100
	0 - 180	5122	100

AT2-24-L69/8TW-D-DALI Total Luminaire Output: 7101 lumens; 68 Watts | Efficacy: 104 lm/W | 82 CRI; 4000K CCT

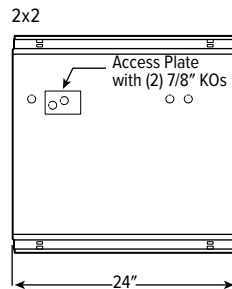
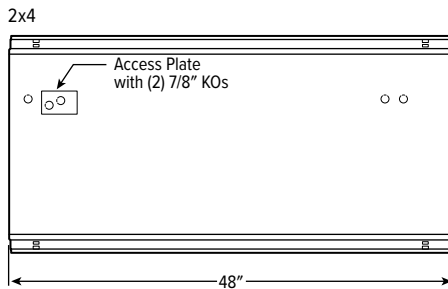


CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	2982	2982	2982	
	5	2982	2982	2987	282
	15	2790	2822	2856	794
	25	2411	2482	2541	1144
	35	2020	2114	2187	1306
	45	1531	1629	1698	1247
	55	1069	1154	1197	1029
	65	686	759	795	744
	75	347	416	436	429
	85	89	112	103	125
	90	0	0	0	

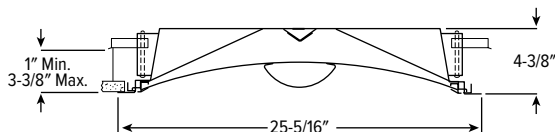
LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	2220	31
	0 - 40	3526	50
	0 - 60	5802	82
	0 - 90	7101	100
	0 - 180	7101	100

## FIXTURE DETAILS

### BACKVIEW



## NEMA TYPE "F" INSTALLATION

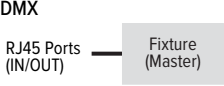
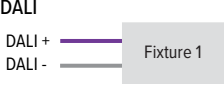
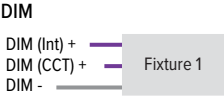


Note: Maximum recommended ceiling opening is 24-3/8" x 24-3/8" for 2'x2' and 24-3/8" x 48-3/8" for 2'x4'. For continuous row mounting, add 49-5/16" for each additional fixture to obtain ceiling opening. 1-5/16" between end plates.



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## CONTROL DETAILS



## DIFFUSE CENTER DECORATIVE INSERT DETAILS

