

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

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

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

## FEATURES

- Support human-centric design with adaptive, individualized lighting using tunable white light
- Backlit curved lens provides uniform illumination for visual comfort
- Distinct straight floating center detail creates a highly-aesthetic presence
- Sleek, extruded center complements MX4 continuous light series
- Maximize energy savings with efficacies as high as 102 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

ORDERING EXAMPLE: AT3 - 2 4 - L69/8TW - D - OPTIONS - DALI - UNV

## ORDERING INFO

SERIES	WIDTH	LENGTH	LUMENS <sup>(1)</sup>	CRI	CCT	SHIELDING
AT3	1 1'	2 2' <sup>(2)</sup>	1x4	8 80	TW Tunable white (3000K-5000K)	D Diffuse matte acrylic center P Perforated center <sup>(4)</sup>
		2 2'	L20 2,000lm L40 4,000lm L54 5,400lm	9 90 <sup>(3)</sup>		
	2x2	2 2'	L20 2,000lm L35 3,500lm L50 5,000lm	TW2 Tunable white (2700K-6500K)		
			2x4			L35 3,500lm L50 5,000lm
						L69 6,900lm

## 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** –
  - cCSAus certified as luminaire suitable for dry or 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).

## OPTIONS

- EM/7W** 7-watt emergency LED battery
- EM/10W** 10-watt emergency LED battery <sup>(6)</sup>
- EM/10WLP** Low-profile 10-watt emergency LED battery <sup>(7)</sup>
- EM/12W** 12-watt emergency LED battery <sup>(8)</sup>
- EQCLIPS (L\_)** Earthquake clips <sup>(9)</sup>  
Additional lower lumen packages available. <sup>(10)</sup>  
Example: 6,000 nominal lumens = AT3-24-L69/8TW-D-(L60).
- SS** Sani-shield acrylic cover with double gasket. <sup>(11)</sup>
- SS/PC** Sani-shield polycarbonate cover with double gasket. <sup>(12)</sup>
- AMW** Anti-microbial white finish
- NEMA F** NEMA Type “F” flange kit <sup>(13)</sup>
- CP** Chicago Plenum (CCEA)

## CONTROL <sup>(5)</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.
- 2' width only.
- Extended lead times may apply. Consult factory for availability.
- Decreases lumen output by 15%
- See page 3 for CONTROL DETAILS.
- 2x2, 2x4 only.
- 1x4 only.
- 2x2, 2x4 only.
- 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 3 for NEMA TYPE “F” INSTALLATION.



# AT3 tunable WHITE Architectural Troffer – Straight Floating Center

## FIXTURE PERFORMANCE DATA

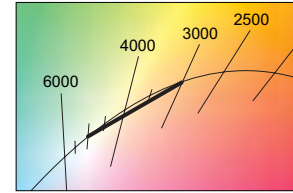
	LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
1x4	L20	1896	21.1	90.1
	L40	3727	43.6	85.5
	L54	5059	55.4	91.3
2x2	L20	1896	21.1	90.1
	L35	3288	38.0	86.5
	L50	4624	54.7	84.6
2x4	L35	3384	32.8	103.1
	L50	4819	47.0	102.5
	L69	6683	68.4	97.7

- 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.

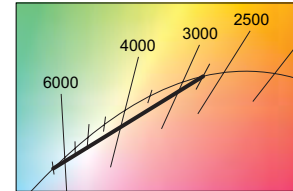
## MULTIPLIER TABLE

		COLOR TEMPERATURE				
		CCT	TW		TW2	
			LUMENS	WATTAGE	LUMENS	WATTAGE
80 CRI	2700K	-	-	0.93	1.02	
	3000K	0.95	1.04	0.95	1.01	
	3500K	0.98	1.02	0.98	1.00	
	4000K	1.00	1.00	1.00	1.00	
	5000K	0.96	1.04	1.02	1.00	
	6500K	-	-	1.01	1.04	
90 CRI	2700K	-	-	0.93	1.02	
	3000K	0.91	1.03	0.95	1.01	
	3500K	0.96	1.01	0.98	1.00	
	4000K	1.00	1.00	1.00	1.00	
	5000K	1.03	1.03	1.03	1.00	
	6500K	-	-	1.02	1.04	

## TW

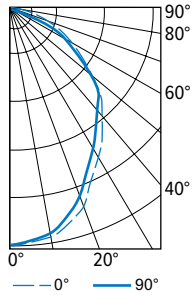


## TW2



## PHOTOMETRY

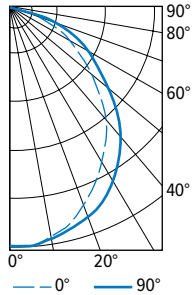
AT3-14-L54/8TW-D-DALI Total Luminaire Output: 5059 lumens; 55 Watts | Efficacy: 91 lm/W | 82 CRI; 4000K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	2307	2307	2307	
	5	2282	2276	2270	216
	15	2161	2131	2104	600
	25	1846	1791	1755	834
	35	1538	1479	1456	930
	45	1248	1205	1194	921
	55	861	841	808	750
	65	564	546	404	501
	75	274	196	179	242
	85	76	52	39	65
	90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1650	33
	0 - 40	2580	51
	0 - 60	4251	84
	0 - 90	5059	100
	0 - 180	5059	100

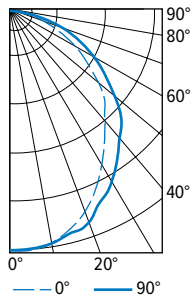
AT3-22-L50/8TW-D-DALI Total Luminaire Output: 4623 lumens; 55 Watts | Efficacy: 85 lm/W | 82 CRI; 4000K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	1801	1801	1801	
	5	1801	1792	1790	170
	15	1690	1706	1733	482
	25	1488	1563	1627	718
	35	1232	1337	1436	838
	45	967	1076	1171	824
	55	684	807	877	704
	65	424	537	603	523
	75	211	308	326	300
	85	48	41	29	63
	90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1370	30
	0 - 40	2208	48
	0 - 60	3736	81
	0 - 90	4623	100
	0 - 180	4623	100

AT3-24-L69/8TW-D-DALI Total Luminaire Output: 6683 lumens; 68 Watts | Efficacy: 98 lm/W | 82 CRI; 4000K CCT



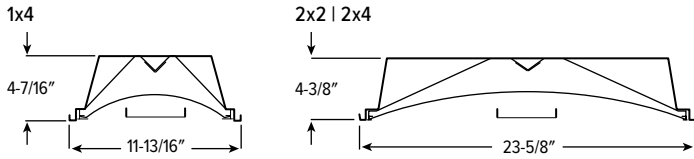
CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	2663	2663	2663	
	5	2649	2650	2651	252
	15	2499	2521	2554	711
	25	2162	2233	2317	1032
	35	1752	1875	1998	1175
	45	1411	1577	1682	1186
	55	976	1130	1203	998
	65	653	797	856	763
	75	340	465	465	455
	85	101	72	68	112
	90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1994	30
	0 - 40	3169	47
	0 - 60	5353	80
	0 - 90	6683	100
	0 - 180	6683	100



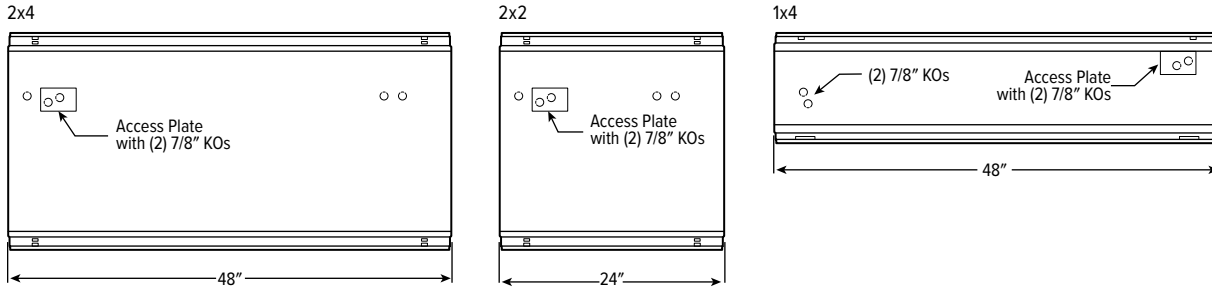
# AT3 tunable WHITE Architectural Troffer – Straight Floating Center

## CROSS SECTIONS

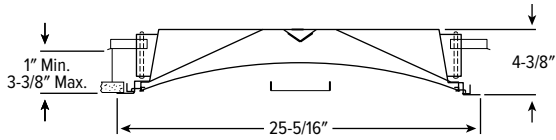


## FIXTURE DETAILS

### 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.

## CONTROL DETAILS

