

CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

- Tunable white from 3000K to 5000K CCT, minimum 80 CRI
- 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 ^[1]	COLOR	SHIELDING
AT3	1 1'	2 2' ^[2]	1x4	8TW Tunable white (80 CRI, 3000K-5000K)	D Diffuse matte acrylic center P Perforated center ^[3]
		2 2'	L20 2,000lm		
		4 4'	L40 4,000lm		
	2x2	2 2'	L54 5,400lm		
			L20 2,000lm		
			L35 3,500lm		
		2x4	L50 5,000lm		
			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** – NEMA Type “G” standard, NEMA Type “F” available.
- 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.

OPTIONS

- EM/7W** 7-watt emergency LED battery
- EM/10W** 10-watt emergency LED battery ^[5]
- EM/10WLP** Low-profile 10-watt emergency LED battery ^[6]
- EM/12W** 12-watt emergency LED battery ^[7]
- EQCLIPS** Earthquake clips ^[8]
- (L__)** Additional lower lumen packages available. ^[9]
Example: 6,000 nominal lumens = AT3-24-L69/8TW-D-(L60).
- SS** Gasketed clear flat acrylic lens
- AMW** Anti-microbial white finish
- NEMA F** NEMA Type “F” flange kit ^[10]
- CP** Chicago Plenum (CCEA)

CONTROL ^[4]

- 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

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
- Decreases lumen output by 15%
- See page 3 for CONTROL DETAILS.
- 2x2, 2x4 only
- 1x4 only

- 2x2, 2x4 only
- NEMA Type “G” only. 4 per fixture
- Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- Factory-installed. See page 3 for NEMA TYPE “F” INSTALLATION.



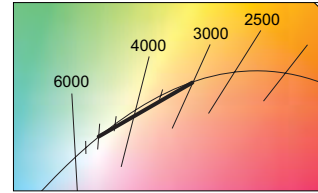
AT3 tunable WHITE Architectural Troffer – Straight Floating Center

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

MULTIPLIER TABLE

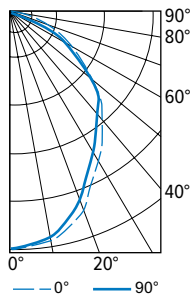
CCT	CONVERSION FACTOR	
	LUMENS	WATTAGE
3000K	0.95	1.04
3500K	0.98	1.02
4000K	1.00	1.00
5000K	0.96	1.04



- 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

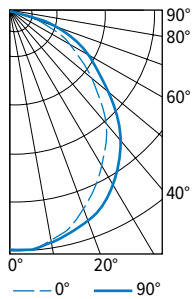
AT3-14-L54/8TW-D-DALI Total Luminaire Output: 5059 lumens; 55 Watts | Efficacy: 91 lm/W | 82 CRI; 4000K CCT



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

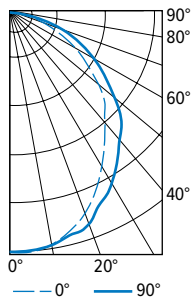
AT3-22-L50/8TW-D-DALI Total Luminaire Output: 4623 lumens; 55 Watts | Efficacy: 85 lm/W | 82 CRI; 4000K CCT



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



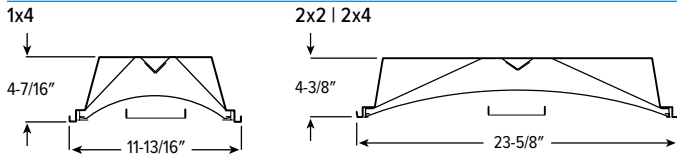
VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	2663	2663	2663	
5	2649	2650	2651	252
15	2499	2521	2554	711
25	2162	2233	2317	1032
35	1752	1875	1998	1175
45	1411	1577	1682	1186
55	976	1130	1203	998
65	653	797	856	763
75	340	465	465	455
85	101	72	68	112
90	0	0	0	

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



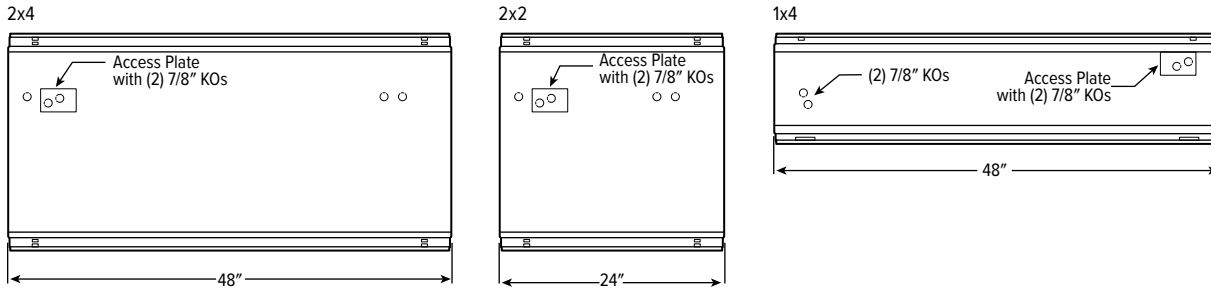
AT3 tunable WHITE Architectural Troffer – Straight Floating Center

CROSS SECTIONS

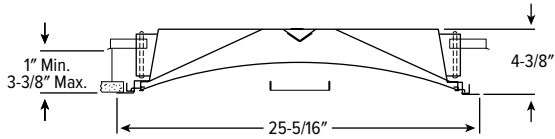


FIXTURE DETAILS

BACKVIEW



NEMA TYPE "F" INSTALLATION



Note: Maximum recommended ceiling opening is 24-3/8" x 24-38" 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

DIM



DALI



DMX

