

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 ^[1]	CRI	CCT	SHIELDING	
AT3	1 1'	2 2' ^[2]	1x4	8 80	TW Tunable white (3000K-5000K)	D Diffuse matte acrylic center P Perforated center ^[4]	
		2 2'	4 4'				L20 2,000lm L40 4,000lm L54 5,400lm
	2x2	L20 2,000lm L35 3,500lm L50 5,000lm	2x4	L35 3,500lm	9 90 ^[3]	TW2 Tunable white (2700K-6500K)	
				L50 5,000lm			
				L69 6,900lm			
		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” 15/16” or 1” grid standard. For NEMA Type “NFG” and “SG” 9/16” grid installations, specify EQCLIPS option. Drywall flange kit 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.
 - Complies with the Buy American Act and other federal regulations. Request certification at hew.com/baa.
- WARRANTY** – 5-year limited warranty, see hew.com/warranty.

OPTIONS

- EM/10W** 10-watt emergency battery^[6]
- EM/10WLP** Low-profile 10-watt emergency battery^[7]
- EM/12W** 12-watt emergency battery^[8]
- EQCLIPS** Earthquake clips^[9]
- (L__)** Additional lower lumen packages available^[10]
Example: 6,000 nominal lumens = AT3-24-L69/8TW-D-(L60).
- SS** Sani-shield acrylic cover with double gasket^[11]
- SS/PC** Sani-shield polycarbonate cover with double gasket^[12]
- AMW** Anti-microbial white finish
- NEMA F** Flange kit, factory installed^[13]
- CP** Chicago Plenum (CCEA)

CONTROL^[5]

- 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 D Shielding, 80 CRI/4000K CCT. Actual performance 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. Not available when CEC regulations are required.
- 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%. See page 3 for FIXTURE DETAILS.
- Reduces lumen output by 10%. See page 3 for FIXTURE DETAILS.
- See page 3 for CROSS SECTIONS.



AT3 tunable WHITE Architectural Troffer – Straight Floating Center

FIXTURE PERFORMANCE DATA

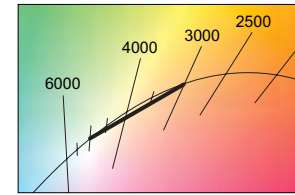
	LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
1x4	L20	1896	21.1	90
	L40	3727	43.6	85
	L54	5059	55.4	91
2x2	L20	1896	21.1	90
	L35	3288	38.0	87
	L50	4624	54.7	85
2x4	L35	3384	32.8	103
	L50	4819	47.0	103
	L69	6683	68.4	98

- Photometrics tested in accordance with IESNA LM-79. Results based on D shielding, 80 CRI/4000K CCT, average wattage for 120V through 277V input, and 25°C ambient temperature. Actual performance may vary +/- 5%
- To calculate lumen output in emergency mode, multiply the battery wattage by the efficacy.
- Use multiplier tables to calculate additional options.

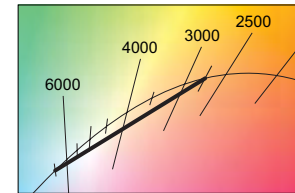
MULTIPLIER TABLE

		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	-	-	0.81	1.02	
	3000K	0.83	1.04	0.83	1.01	
	3500K	0.86	1.02	0.86	1.00	
	4000K	0.88	1.00	0.88	1.00	
	5000K	0.84	1.04	0.89	1.00	
	6500K	-	-	0.88	1.04	

TW

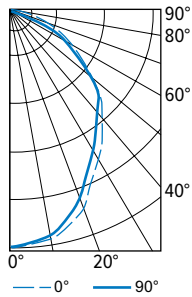


TW2



PHOTOMETRY

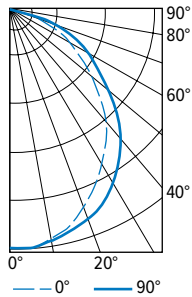
AT3-14-L54/8TW-D-DALI Total Luminaire Output: 5059 lumens; 55 Watts | Efficacy: 91 lm/W | 80 CRI; 4000K CCT



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

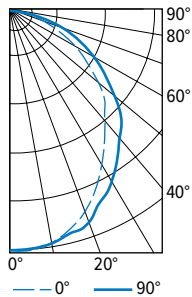
AT3-22-L50/8TW-D-DALI Total Luminaire Output: 4623 lumens; 55 Watts | Efficacy: 85 lm/W | 80 CRI; 4000K CCT



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 | 80 CRI; 4000K CCT



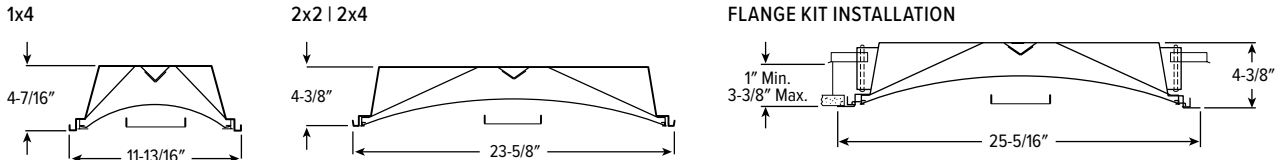
CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	2663	2663	2663	
	5	2649	2650	2651	252
	15	2499	2521	2554	711
	25	2162	2233	2317	1032
	35	1752	1875	1998	1175
	45	1411	1577	1682	1186
	55	976	1130	1203	998
	65	653	797	856	763
	75	340	465	465	455
	85	101	72	68	112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

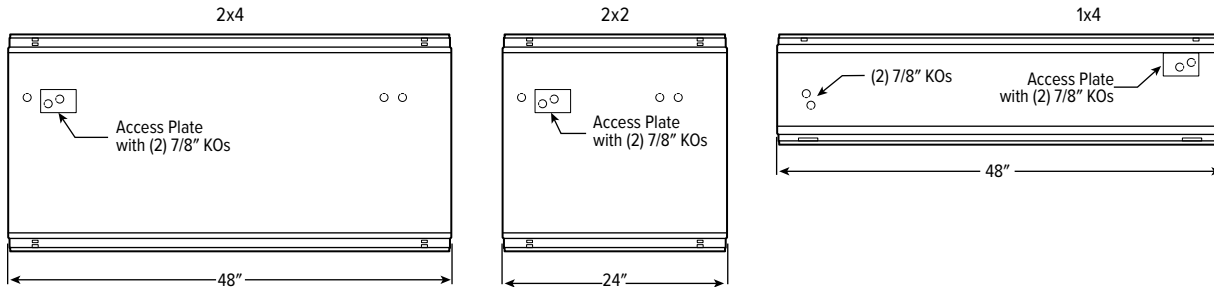
CROSS SECTIONS



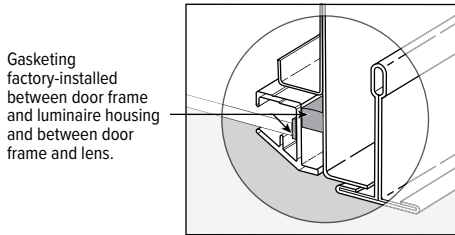
Maximum recommended ceiling opening is 24-3/8" x 24-3/8" for 2'x2' and 24-3/8" x 48-3/8" for 2'x4'. For continuous row mounting, add 49-5/16" for each additional fixture to obtain ceiling opening. 1-5/16" between end plates.

FIXTURE DETAILS

BACKVIEW



SS | SS/PC OPTIONS GASKETING DETAILS



CONTROL DETAILS

