

CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

- Tunable color, including white tuning, from 1650K to 8000K, minimum of 90 CRI
- Backlit curved lens provides uniform illumination for visual comfort
- Distinct curved deep center detail creates a highly-aesthetic presence
- 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** – Five color, mid-power LED modules. On board thermal and optical feedback ensure color consistency of <2 step MacAdam ellipse (SDCM) and reported L70>50,000 hours. In-line spectral capture and storage results in consistent CRI and CCT across all arrays.
- 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.

ORDERING EXAMPLE: AT2 - 2 4 - L80/9TC - D - OPTIONS - DALI - 120

ORDERING INFO

SERIES	WIDTH	LENGTH	LUMENS ^[1]	COLOR	SHIELDING
AT2	2 2'	2 2'	2x2	9TC Tunable color (90 CRI, 1650K-8000K)	D Diffuse matte acrylic center
		4 4'	L38 3,800lm		P Perforated center ^[2]
			2x4		
			L80 8,000lm		DECORATIVE INSERTS ^[3]
					D11 Triple wave
					D12 Brushed metal
					D13 Elliptical Perf
					D14 Circles
					D15 Stripes
					D16 Tri-Pyramid

OPTIONS

- SS** Gasketed clear flat acrylic lens
- AMW** Anti-microbial white finish
- NEMA F** NEMA Type “F” flange kit ^[5]
- CP** Chicago Plenum (CCEA)
- EQCLIPS** Earthquake clips ^[6]

CONTROL ^[4]

- BTL** Bluetooth LE enabled
- DALI** DALI Type 8 enabled
- DIM** (1) 0-10V signal to control dimming (1) 0-10V signal to control CCT ^[7]
- DMX** DMX enabled
- LUT** Lutron Ecosystem enabled
- WS** Wattstopper DLM enabled

VOLTAGE

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

NOTES

- Lumen output based on 4000 CCT. Actual lumens may vary +/-5%. See page 2 for FIXTURE PERFORMANCE DATA.
- 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.

⁵ Factory-installed. See page 3 for NEMA TYPE “F” INSTALLATION.

⁶ NEMA Type “G” only, 4 per fixture

⁷ Will only control white light CCT range, will not have pure color output



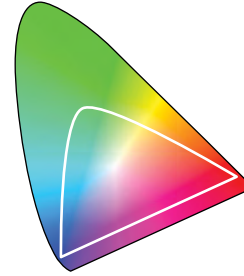
AT2 tunable COLOR Architectural Troffer – Curved Deep Center

FIXTURE PERFORMANCE DATA

	COLOR	DELIVERED LUMENS	POWER (W)	EFFICACY (lm/W)
2x2	4000	3804	55.8	68.2
	Red	582	15.2	38.3
	Blue	353	24.5	14.4
	Green	2835	30.3	93.6
2x4	4000	8101	111.6	72.6
	Red	1241	30.4	40.8
	Blue	752	49	15.3
	Green	6038	60.6	99.6

MULTIPLIER TABLE

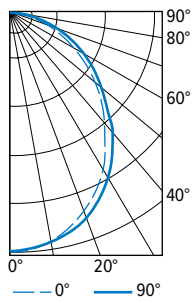
CCT	CONVERSION FACTOR	
	LUMENS	WATTAGE
2000K	0.58	0.58
2700K	0.85	0.83
3000K	0.96	0.94
3500K	0.98	0.97
4000K	1.00	1.00
5000K	0.99	0.99
6000K	0.99	0.99
8000K	0.99	0.99



- 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, 90 CRI, actual lumens may vary +/-5%
- Use multiplier table to calculate additional options.

PHOTOMETRY

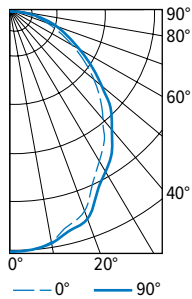
AT2-22-L38/9TC-D-DALI Total Luminaire Output: 3804 lumens; 56 Watts | Efficacy: 68 lm/W | 82 CRI; 4000K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	1556	1556	1556	
5	1552	1546	1545	147
15	1456	1472	1487	415
25	1291	1332	1370	612
35	1069	1130	1182	701
45	819	878	939	677
55	582	628	680	564
65	365	409	446	406
75	178	213	241	227
85	30	44	39	56
90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1173	31
	0 - 40	1875	49
	0 - 60	3115	82
	0 - 90	3804	100
	0 - 180	3804	100

AT2-24-L80/9TC-D-DALI Total Luminaire Output: 8101 lumens; 112 Watts | Efficacy: 73 lm/W | 82 CRI; 4000K CCT

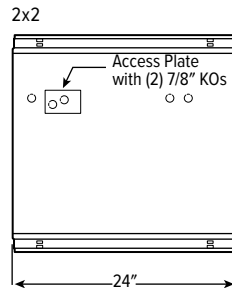
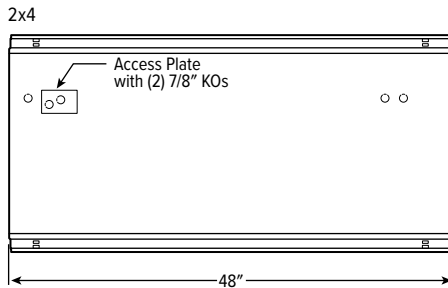


VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	3402	3402	3402	
5	3402	3402	3407	322
15	3183	3220	3259	905
25	2750	2831	2899	1305
35	2305	2411	2495	1490
45	1747	1859	1937	1423
55	1220	1317	1366	1174
65	782	866	907	849
75	396	474	498	490
85	102	128	117	143
90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	2532	31
	0 - 40	4023	50
	0 - 60	6620	82
	0 - 90	8101	100
	0 - 180	8101	100

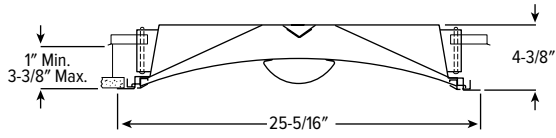
FIXTURE DETAILS

BACKVIEW



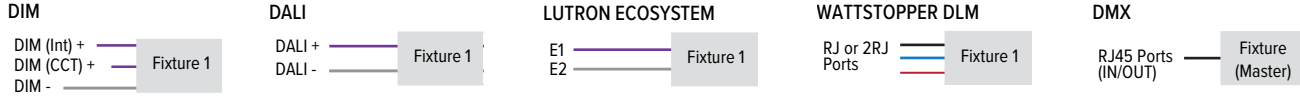
AT2 tunable COLOR Architectural Troffer – Curved Deep Center

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



DIFFUSE CENTER DECORATIVE INSERT DETAILS

