

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
- Curved floating 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: AT1 - 2 4 - L80/9TC - D - OPTIONS - DALI - 120

ORDERING INFO

SERIES	WIDTH	LENGTH	LUMENS ^[1]	COLOR	SHIELDING
AT1	1 1'	2 2' ^[2]	1x4	9TC Tunable color (90 CRI, 1650K-8000K)	D Diffuse matte acrylic center P Perforated center ^[3]
	2 2'	4 4'	L38 3,800lm		
			2x2		
			L38 3,800lm		
			2x4		
			L80 8,000lm		

OPTIONS	CONTROL ^[4]	VOLTAGE
SS Gasketed clear flat acrylic lens	BTL Bluetooth LE enabled	120 120V
AMW Anti-microbial white finish	DALI DALI Type 8 enabled	277 277V
NEMA F NEMA Type "F" flange kit ^[5]	DIM (1) 0-10V signal to control dimming (1) 0-10V signal to control CCT ^[7]	
CP Chicago Plenum (CCEA)	DMX DMX enabled	
EQCLIPS Earthquake clips ^[6]	LUT Lutron Ecosystem enabled	
	WS Wattstopper DLM enabled	

NOTES

- Lumen output based on 4000 CCT. Actual lumens may vary +/-5%, See page 2 for FIXTURE PERFORMANCE DATA.
- 2' width only
- Decreases lumen output by 15%
- See page 3 for CONTROL DETAILS.

- Factory-installed. See page 3 for NEMA TYPE "F" INSTALLATION.

- NEMA Type "G" only, 4 per fixture

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

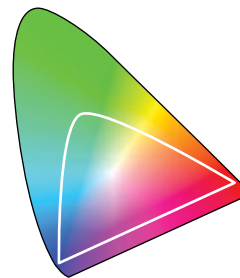


FIXTURE PERFORMANCE DATA

	COLOR	DELIVERED LUMENS	POWER (W)	EFFICACY (lm/W)
1x4	4000	3815	55.8	68.4
	Red	584	15.2	38.4
	Blue	354	24.5	14.5
	Green	2843	30.3	93.8
2x2	4000	3766	55.8	67.5
	Red	577	15.2	38.0
	Blue	350	24.5	14.3
	Green	2807	30.3	92.6
2x4	4000	8021	111.6	71.9
	Red	1228	30.4	40.4
	Blue	745	49.0	15.2
	Green	5978	60.6	98.6

MULTIPLIER TABLE

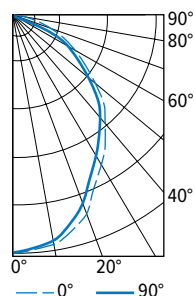
CCT	CONVERSION FACTOR	
	LUMENS	WATTAGE
2000K	0.58	0.58
2700K	0.85	0.83
3000K	0.96	0.94
3500K	0.98	0.97
4000K	1.00	1.00
5000K	0.99	0.99
6000K	0.99	0.99
8000K	0.99	0.99



- 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

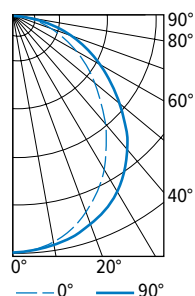
AT1-14-L54/8TW-D-DALI Total Luminaire Output: 5387 lumens; 56 Watts | Efficacy: 97 lm/W | 82 CRI; 4000K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	1731	1731	1731	
5	1745	1743	1742	164
15	1629	1619	1613	457
25	1417	1397	1384	647
35	1176	1157	1140	719
45	900	883	871	681
55	612	611	596	550
65	398	398	319	372
75	192	160	144	182
85	51	32	23	43
90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1268	33
	0 - 40	1987	52
	0 - 60	3218	84
	0 - 90	3815	100
	0 - 180	3815	100

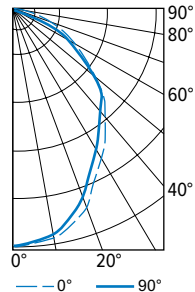
AT1-22-L50/8TW-D-DALI Total Luminaire Output: 5029 lumens; 53 Watts | Efficacy: 96 lm/W | 82 CRI; 4000K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	1426	1426	1426	
5	1421	1416	1417	135
15	1347	1358	1380	384
25	1184	1246	1308	573
35	985	1075	1178	674
45	752	874	967	669
55	541	658	742	581
65	352	447	515	437
75	176	256	296	255
85	34	48	45	59
90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1092	29
	0 - 40	1766	47
	0 - 60	3016	80
	0 - 90	3766	100
	0 - 180	3766	100

AT1-24-L69/8TW-D-DALI Total Luminaire Output: 6945 lumens; 64 Watts | Efficacy: 108 lm/W | 82 CRI; 4000K CCT

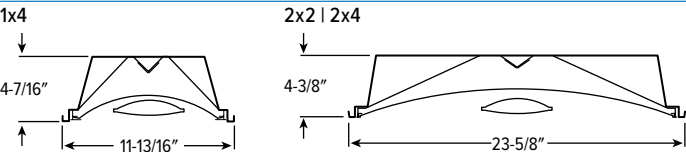


VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	3082	3082	3082	
5	3076	3076	3080	291
15	2899	2947	3001	827
25	2489	2614	2752	1210
35	2091	2302	2495	1426
45	1613	1880	2045	1418
55	1135	1388	1503	1211
65	743	974	1053	926
75	394	579	589	562
85	108	110	117	151
90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	2329	29
	0 - 40	3755	47
	0 - 60	6383	80
	0 - 90	8021	100
	0 - 180	8021	100

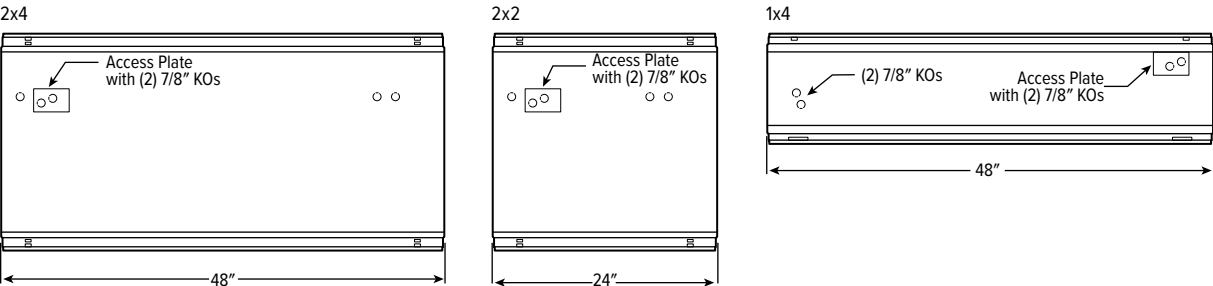


CROSS SECTIONS

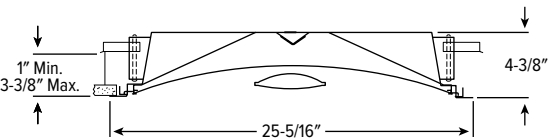


FIXTURE DETAILS

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

