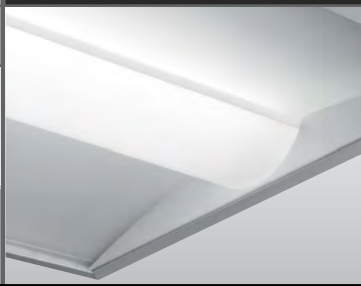


ARCHITECTURAL LED TROFFER – CURVED DEEP CENTER

AT2

tunable **WHITE**

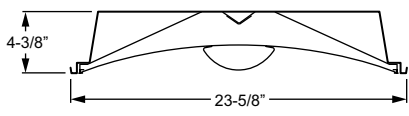


CATALOG #:	TYPE:
PROJECT:	NOTES:

EXAMPLE → **AT2 - 2 4 - L69/8TW - D - OPTIONS - DALI - UNV**

SERIES NOM. NOM. LUMEN CRI & SHIELDING OPTIONS CONTROL VOLTAGE
 W. L. PACKAGE CCT

CROSS SECTION



ORDERING INFORMATION

SERIES
AT2 Architectural LED Troffer – Curved Deep Center – Tunable White

NOMINAL WIDTH
 2 2'

NOMINAL LENGTH
 2 2'
 4 4'

LED PACKAGE

Example: L69/8TW		WATTAGE
LUMEN PACKAGE	NOMINAL LUMENS	
2x2		
L20	2,000	19
L35	3,500	36
L50	5,000	53
2x4		
L35	3,500	31
L50	5,000	45
L69	6,900	64

Nominal lumen output based on 4000 CCT. Actual lumens may vary +/-5%, see fixture performance data. Additional LED lumen packages available, see options.

COLOR
8TW Tunable white (80 CRI, 3000K–5000K)

SHIELDING
D Diffuse matte acrylic center
P Perforated center

DIFFUSE CENTER DECORATIVE INSERTS
 Only available with D shielding option. See page 3 for details
D11 Triple wave
D12 Brushed metal
D13 Elliptical Perf
D14 Circles
D15 Stripes
D16 Tri-Pyramid

OPTIONS
EM/10W EQCLIPS (L__) 10-watt emergency LED battery (120V-277V only) Earthquake clips (4 per fixture) Additional lower lumen packages available. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package. Example: 6,000 nominal lumens = AT2-24-L69/8TW-D-(L60).
SS Gasketed clear flat acrylic lens (not available with OCC option)
AMW NEMA F Anti-microbial white finish NEMA Type "F" flange kit, factory-installed. See page 2 for details.
CP Chicago Plenum (CCEA)

CONTROL
DALI DIM Driver prewired for DALI applications (1) 0-10V signal to control dimming (1) 0-10V signal to control CCT
DMX Driver prewired for DMX applications

VOLTAGE
120 120V
277 277V
UNV 120-277V

FEATURES

- ▶ Tunable white from 3000K to 5000K CCT, minimum 80 CRI.
- ▶ Matte white paint and diffuse lens combination provide pleasing architectural aesthetics with non-glare reflective surfaces
- ▶ Quiet and smooth illumination for visual comfort
- ▶ Hinged door frame with optical assembly swings down to allow easy access from room side of fixture
- ▶ Optional gasketed acrylic lens adds extra layer of protection
- ▶ Available with decorative inserts to customize center lens
- ▶ Rated for 25°C ambient operating temperature.
- ▶ This fixture is proudly made in the USA



tunable **WHITE**

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 >60,000 hours per IES TM-21. Tunable White products use LEDs of multiple CCTs and may produce a perceptibly different 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.

Labels –

- 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.

IMPORTANT:

Electrostatic sensitive unit. Observe precautions when handling.

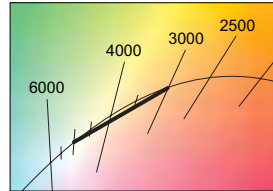
FIXTURE PERFORMANCE DATA

LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (LM/W)
2x2			
L20	2039	19.1	106.8
L35	3624	35.9	100.9
L50	5079	52.6	96.6
2x4			
L35	3593	31.4	114.4
L50	5082	45.2	112.4
L69	7014	64.4	108.9

- 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 table to calculate additional options.

MULTIPLIER TABLE

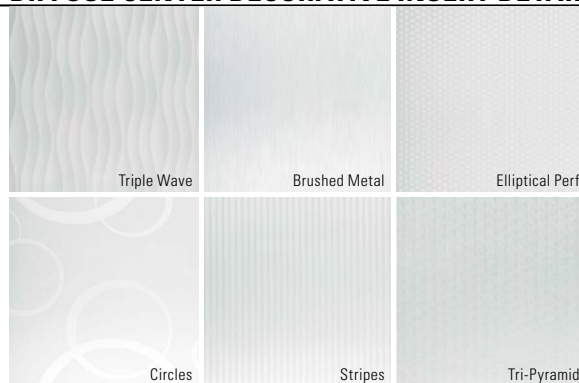
CCT	CONVERSION FACTOR	
	LUMENS	WATTAGE
3000K	0.95	1.04
3500K	0.98	1.02
4000K	1.00	1.00
5000K	0.96	1.04



FIXTURE DETAILS

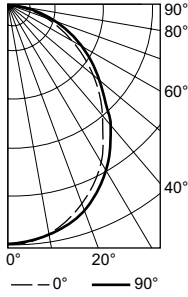
BACK VIEW	NEMA TYPE “F” INSTALLATION
<p>Access Plate with (2) 7/8” KOs</p> <p>24" (2' x 2') or 48" (2' x 4')</p>	<p>1" Min. 3-3/8" Max. 4-3/8" 25-5/16"</p> <p>Note: Maximum recommended ceiling opening is 24-3/8" x 24-38" for 2'x2' and 24-3/8" x 48-3/8" for 2'x4'. For continuous row mounting, add 49-5/16" for each additional fixture to obtain ceiling opening. 1-5/16" between end plates.</p>

DIFFUSE CENTER DECORATIVE INSERT DETAILS



PHOTOMETRY

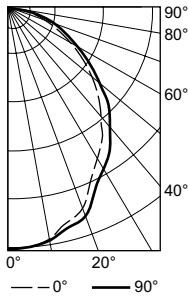
AT2-22-L50/8TW-D-DALI Total Luminaire Output: 5080 lumens; 53 Watts
 Efficacy: 97 lm/W | 82 CRI; 4000K CCT | IES Spacing Criteria: End: 1.2, Across: 1.2, Diagonal: 1.2



CANDLEPOWER DISTRIBUTION	Vertical Angle	Horizontal Angle			Zonal Lumens
		0°	45°	90°	
0	2077	2077	2077		
5	2072	2065	2062	196	
15	1944	1966	1986	554	
25	1723	1778	1830	817	
35	1427	1508	1578	937	
45	1093	1172	1254	904	
55	776	838	907	753	
65	487	546	596	543	
75	237	284	321	303	
85	40	59	52	75	
90	0	0	0		

LUMEN SUMMARY	Zone	Lumens	% Fixture
	0 - 30	1567	31
	0 - 40	2503	49
	0 - 60	4160	82
	0 - 90	5080	100
	0 - 180	5080	100

AT2-24-L69/8TW-D-DALI Total Luminaire Output: 7015 lumens; 64 Watts
 Efficacy: 109 lm/W | 82 CRI; 4000K CCT | IES Spacing Criteria: End: 1.1, Across: 1.2, Diagonal: 1.1



CANDLEPOWER DISTRIBUTION	Vertical Angle	Horizontal Angle			Zonal Lumens
		0°	45°	90°	
0	2946	2946	2946		
5	2946	2946	2951	279	
15	2756	2788	2822	784	
25	2382	2452	2510	1130	
35	1996	2088	2160	1290	
45	1513	1610	1677	1232	
55	1057	1140	1183	1017	
65	677	749	786	735	
75	343	411	431	424	
85	88	111	102	123	
90	0	0	0		

LUMEN SUMMARY	Zone	Lumens	% Fixture
	0 - 30	2193	31
	0 - 40	3483	50
	0 - 60	5732	82
	0 - 90	7015	100
	0 - 180	7015	100

