

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 curved deep center detail creates a highly-aesthetic presence
- Available with decorative inserts to customize center lens
- Maximize energy savings with efficacies as high as 110 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

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.

ORDERING EXAMPLE: AT2 - 2 4 - L69/8TW - D - OPTIONS - DALI - UNV

ORDERING INFO

SERIES	WIDTH	LENGTH	LUMENS ^[1]	CRI	CCT	SHIELDING
AT2	2 2'	2 2'	2x2	8 80	TW Tunable white (3000K-5000K)	D Diffuse matte acrylic center P Perforated center ^[3]
			L20 2,000lm			
			L35 3,500lm			
		4 4'	L50 5,000lm	9 90 ^[2]	TW2 Tunable white (2700K-6500K)	DECORATIVE INSERTS ^[4] D11 Triple wave D12 Brushed metal D15 Stripes D16 Tri-Pyramid
			2x4			
			L35 3,500lm			
			L50 5,000lm			
			L69 6,900lm			

OPTIONS

EM/10W	10-watt emergency battery
EM/12W	12-watt emergency battery ^[6]
EQCLIPS (L__)	Earthquake clips ^[7] Additional lower lumen packages available ^[8] Example: 6,000 nominal lumens = AT2-24-L69/8TW-D-(L60).
SS	Sani-shield acrylic cover with double gasket ^[9]
SS/PC	Sani-shield polycarbonate cover with double gasket ^[10]
AMW	Anti-microbial white finish
NEMA F	Flange kit, factory installed ^[11]
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.
- Extended lead times may apply. Consult factory for availability.
- 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.
- 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 2 for FIXTURE DETAILS.
- Reduces lumen output by 10%. See page 2 for FIXTURE DETAILS.
- See page 3 for FLANGE KIT INSTALLATION.



AT2 tunable WHITE Architectural Troffer – Curved Deep Center

FIXTURE PERFORMANCE DATA

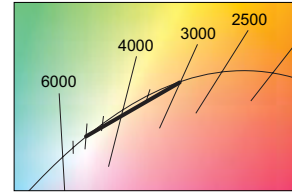
	LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
2x2	L20	2100	21.1	100
	L35	3641	38.0	96
	L50	5122	54.7	94
2x4	L35	3596	32.8	110
	L50	5120	47.0	109
	L69	7101	68.4	104

- 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.

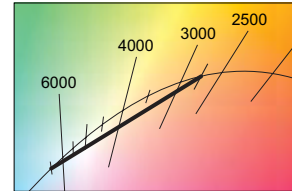
MULTIPLIER TABLE

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

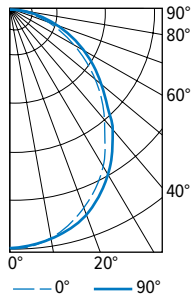


TW2



PHOTOMETRY

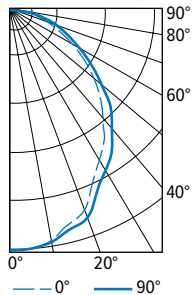
AT2-22-L50/8TW-D-DALI Total Luminaire Output: 5122 lumens; 54.7 Watts | Efficacy: 94 lm/W | 80 CRI; 4000K CCT



	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
CANDLEPOWER DISTRIBUTION	0	2094	2094	2094	
	5	2089	2082	2079	197
	15	1960	1982	2002	559
	25	1738	1793	1845	824
	35	1439	1521	1591	944
	45	1102	1182	1264	911
	55	783	845	915	759
	65	491	551	601	547
	75	239	287	324	305
	85	40	60	52	75
	90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1580	31
	0 - 40	2524	49
	0 - 60	4194	82
	0 - 90	5122	100
	0 - 180	5122	100

AT2-24-L69/8TW-D-DALI Total Luminaire Output: 7101 lumens; 68.4 Watts | Efficacy: 104 lm/W | 80 CRI; 4000K CCT

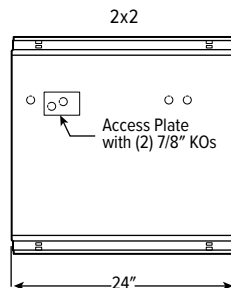
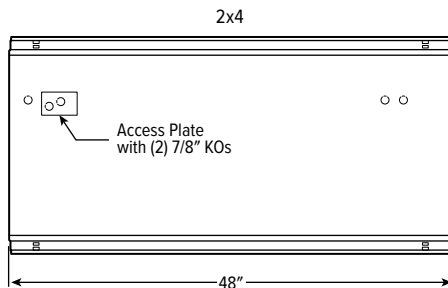


	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
CANDLEPOWER DISTRIBUTION	0	2982	2982	2982	
	5	2982	2982	2987	282
	15	2790	2822	2856	794
	25	2411	2482	2541	1144
	35	2020	2114	2187	1306
	45	1531	1629	1698	1247
	55	1069	1154	1197	1029
	65	686	759	795	744
	75	347	416	436	429
	85	89	112	103	125
	90	0	0	0	

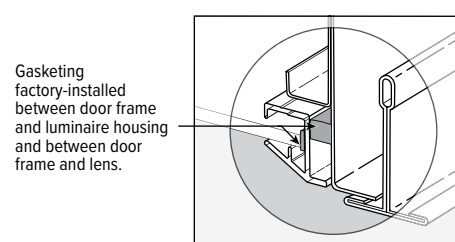
LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	2220	31
	0 - 40	3526	50
	0 - 60	5802	82
	0 - 90	7101	100
	0 - 180	7101	100

FIXTURE DETAILS

BACKVIEW



SS | SS/PC OPTIONS GASKETING DETAILS

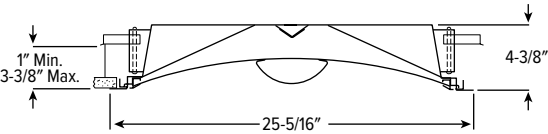


AT2

tunable WHITE

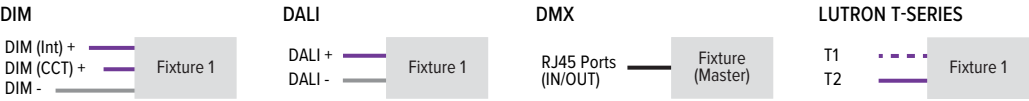
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FLANGE KIT INSTALLATION



Note: 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.

CONTROL DETAILS



DIFFUSE CENTER DECORATIVE INSERT DETAILS

