

CATALOG #: _____

TYPE: _____

PROJECT: _____



FEATURES

- Create rich, vibrant designs with lasting visual impact using the full visible light spectrum
- Backlit curved lens provides uniform illumination for visual comfort
- Available with decorative inserts to customize center lens
- 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** – High-quality mid-power LED boards. L70 >60,000 hours per IES TM-21.
- **CONTROL** – DMX enabled; controllers provided by others.
- **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 - L84/RGB835 - D - OPTIONS - DMX - UNV

ORDERING INFO

SERIES	WIDTH	LENGTH	LUMENS ^[1]	COLOR/CRI	CCT	SHIELDING
AT2	2 2'	2 2'	2x2	RGB8 80	27 2700K	D Diffuse matte acrylic center
		4 4'	L42 4,200lm	RGB9 90	30 3000K	P Perforated center ^[2]
			2x4		35 3500K	DECORATIVE INSERTS ^[3]
			L84 8,400lm		40 4000K	
					50 5000K	
						D11 Triple wave
						D12 Brushed metal
						D15 Stripes
						D16 Tri-Pyramid

OPTIONS

EM/10W	10-watt emergency battery ^[5]
EM/12W	12-watt emergency battery ^[6]
SS	Sani-shield acrylic cover with double gasket ^[7]
SS/PC	Sani-shield polycarbonate cover with double gasket ^[8]
AMW	Anti-microbial white finish
NEMA F	Flange kit, factory installed ^[9]
CP	Chicago Plenum (CCEA)
EQCLIPS	Earthquake clips ^[10]

CONTROL ^[4]

DMX DMX512/RDM

VOLTAGE

UNV 120-277V

NOTES

- ¹ Lumen output based on D shielding, 80 CRI/3500K CCT. Actual performance may vary +/-5%. See page 2 for FIXTURE PERFORMANCE DATA.
- ² Decreases lumen output by 15%
- ³ Only available with D shielding option. See page 3 for DIFFUSE CENTER DECORATIVE INSERT DETAILS.
- ⁴ See page 3 for CONTROL DETAILS.
- ⁵ White output only in emergency mode.
- ⁶ Not available when CEC regulations are required. White output only in emergency mode.
- ⁷ Reduces lumen output by 10%. See page 2 for FIXTURE DETAILS.
- ⁸ Reduces lumen output by 10%. See page 2 for FIXTURE DETAILS.
- ⁹ See page 3 for FLANGE KIT INSTALLATION.
- ¹⁰ 4 per fixture. Optional for 1” grid installations. Required for 9/16” grid mounting. Not available with NEMA F Option.



AT2 tunable **RGBW** Architectural Troffer – Curved Deep Center

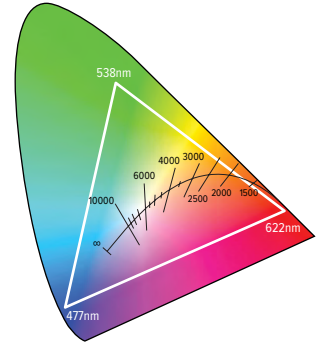
FIXTURE PERFORMANCE DATA

	WHITE ONLY			MAX POWER	MAX COLOR LUMENS		
	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)	WATTAGE	RED	GREEN	BLUE
2x2	4246	44.6	95	117	1013	2579	1030
2x4	8493	89.2	95	117	2027	5157	2060

- Photometrics tested in accordance with IESNA LM-79. Results based on 80 CRI/3500K 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 table to calculate additional options.

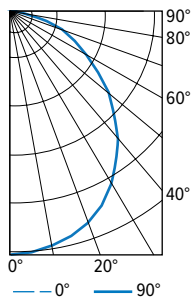
MULTIPLIER TABLE

	COLOR TEMPERATURE	
	CCT	CONVERSION FACTOR
80 CRI	2700K	0.97
	3000K	0.99
	3500K	1.00
	4000K	1.03
	5000K	1.06
90 CRI	2700K	0.80
	3000K	0.82
	3500K	0.83
	4000K	0.86
	5000K	0.89



PHOTOMETRY

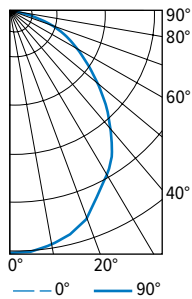
AT2-22-L42/RGB835-D-DMX-UNV White only Total Luminaire Output: 4246 lumens; 44.6 Watts | Efficacy: 95 lm/W | 80 CRI; 3500K CCT



	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
CANDLEPOWER DISTRIBUTION	0	1736	1736	1736	
	5	1732	1726	1724	164
	15	1625	1643	1660	463
	25	1441	1486	1530	683
	35	1193	1261	1319	783
	45	914	980	1048	755
	55	649	701	759	629
	65	407	457	498	454
	75	198	238	269	253
	85	33	50	43	62
	90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1310	31
	0 - 40	2092	49
	0 - 60	3477	82
	0 - 90	4246	100
	0 - 180	4246	100

AT2-24-L84/RGB835-D-DMX-UNV White only Total Luminaire Output: 8493 lumens; 89.2 Watts | Efficacy: 95 lm/W | 80 CRI; 3500K CCT



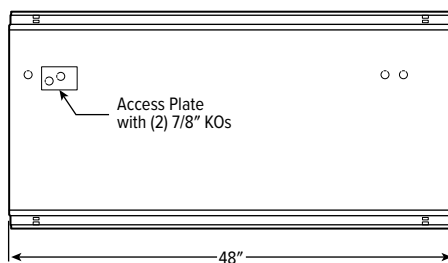
	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
CANDLEPOWER DISTRIBUTION	0	3567	3567	3567	
	5	3567	3567	3572	337
	15	3337	3376	3417	949
	25	2884	2968	3039	1368
	35	2416	2528	2616	1562
	45	1831	1949	2031	1491
	55	1279	1380	1432	1231
	65	820	907	951	890
	75	415	497	522	514
	85	107	134	123	149
	90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	2655	31
	0 - 40	4217	50
	0 - 60	6940	82
	0 - 90	8493	100
	0 - 180	8493	100

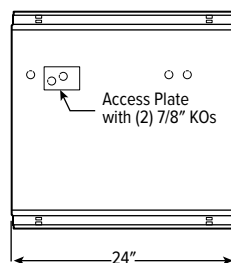
FIXTURE DETAILS

BACKVIEW

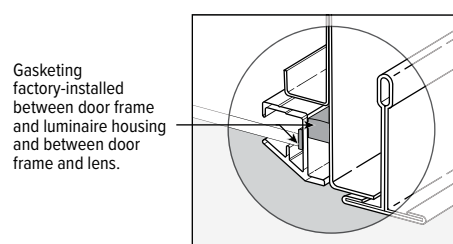
2x4



2x2



SS | SS/PC OPTIONS GASKETING DETAILS

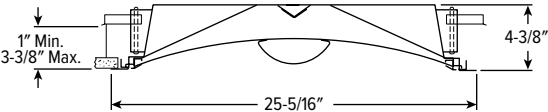


AT2

tunable RGBW

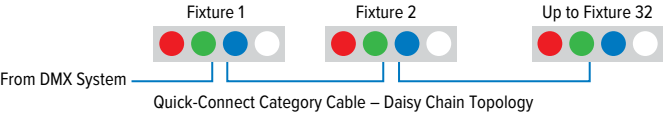
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FLANGE KIT INSTALLATION



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



Note: Fixtures ship with DMX starting address of 1. (Red: 1, Green: 2, Blue: 3, White: 4). Terminator resistor (by others) is recommended at the end of each DMX run.

See DMX/RDM System Architecture Overview for details: hew.com/dmx-rdm

DIFFUSE CENTER DECORATIVE INSERT DETAILS

