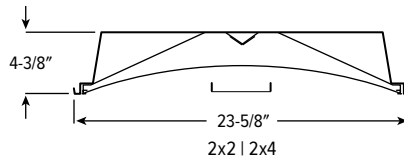


AT3 PoE | tunable WHITE Architectural Troffer – Straight Floating Center



CATALOG #: _____

TYPE: _____

PROJECT: _____



FEATURES

- Deliver scalable, data-driven smart buildings with PoE-enabled fixtures and controls
- Support human-centric design with adaptive, individualized lighting using tunable white light
- Backlit curved lens provides uniform illumination for visual comfort
- Distinct straight floating center detail creates a highly-aesthetic presence
- Sleek, extruded center complements MX4 continuous light series
- 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. Low-voltage DC fixture, to be fed by Class 2 power supply. 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” 15/16” or 1” grid standard. For NEMA Type “NFG” and “SG” 9/16” grid installations, specify EQCLIPS option. Drywall flange type available, see options.
- LISTINGS** –
 - cCSAus certified as luminaire suitable for dry or damp locations.
 - 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.

SYSTEM REQUIREMENTS

- PoE-ready luminaires are connected to building power systems through network integration and require other components for complete PoE lighting system
- For additional PoE info, see hew.com/poe

ORDERING EXAMPLE: AT3 - 2 4 - P58/835 - D - OPTIONS - POE PR

ORDERING INFO

SERIES	WIDTH	LENGTH	LUMENS ^[1]	CRI	CCT	SHIELDING	
AT3	1 1'	2 2' ^[2]	1x4	8 80	27 2700K	D Diffuse matte acrylic center	
		4 4'	P16 1,600lm	9 90 ^[3]	30 3000K	P Perforated center ^[4]	
	2 2'	4 4'	P25 2,500lm	9 90 ^[3]	35 3500K	TW Tunable white (3000K–5000K)	
			P52 5,200lm		40 4000K		
	2x2					50 5000K	TW2 Tunable white (2700K-6500K)
						P16 1,600lm	
						P25 2,500lm	
						P52 5,200lm	
						2x4	
						P27 2,700lm	
	2x4					P58 5,800lm	
						P100 10,000lm	

OPTIONS

- EQCLIPS** Earthquake clips^[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]

CONTROL^[5]

- POE PR** Power over Ethernet-ready

NOTES

- Lumen output based on 80 CRI, 3500K for single CCT and 4000K for TW. Actual performance may vary +/-5%. See page 2 for FIXTURE PERFORMANCE DATA.
- 2' width only.
- Extended lead times may apply. Consult factory for availability.
- Decreases lumen output by 15%
- For additional PoE connection details, consult factory.
- 4 per fixture. Optional for 1" grid installations. Required for 9/16" grid mounting. Not available with NEMA F Option.
- Reduces lumen output by 10%. See page 3 for FIXTURE DETAILS.
- Reduces lumen output by 10%. See page 3 for FIXTURE DETAILS.
- See page 3 for CROSS SECTIONS.



AT3 PoE | tunable WHITE

Architectural Troffer – Straight Floating Center

FIXTURE PERFORMANCE DATA

STATIC WHITE

	LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
1x4	P16	1534	14.4	107
	P25	2331	23.2	100
	P52	4873	46.9	104
2x2	P16	1534	14.4	107
	P25	2331	23.2	100
	P52	4873	46.9	104
2x4	P27	2633	21.7	121
	P58	5570	47.5	117
	P100 ^[1]	9647	81.2	119

TUNABLE WHITE

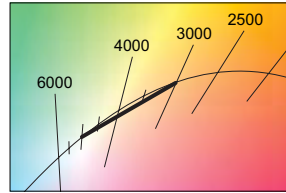
	LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
1x4	P16	1493	15.4	97
	P25	2332	25.1	93
	P52	4858	50.1	97
2x2	P16	1493	15.4	97
	P25	2332	25.1	93
	P52	4858	50.1	97
2x4	P27	2608	24.2	108
	P58	5602	49.8	112
	P100 ^[1]	9667	95.2	102

MULTIPLIER TABLE

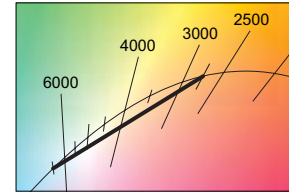
	COLOR TEMPERATURE			
	CCT	STANDARD	TW	TW2
80 CRI	2700K	0.97	-	0.93
	3000K	0.99	0.95	0.95
	3500K	1.00	0.98	0.98
	4000K	1.03	1.00	1.00
	5000K	1.06	0.96	1.02
	6500K	-	-	1.01
90 CRI	2700K	0.80	-	0.93
	3000K	0.82	0.91	0.95
	3500K	0.83	0.96	0.98
	4000K	0.86	1.00	1.00
	5000K	0.89	1.03	1.03
	6500K	-	-	1.02

- Fixtures contain two nodes, one power drop per node required.
- Photometrics tested in accordance with IESNA LM-79. Results based on D shielding, 80 CRI, 3500K CCT static white, 4000K CCT tunable white, and 25°C ambient temperature. Actual performance may vary +/-5%.
- Use multiplier table to calculate additional options.

TW

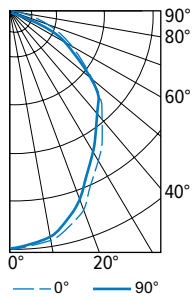


TW2



PHOTOMETRY

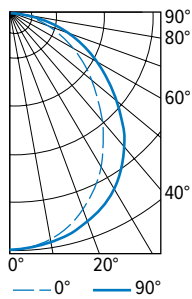
AT3-14-P52/835-D Total Luminaire Output: 4873 lumens; 47 Watts | Efficacy: 104 lm/W | 80 CRI; 3500K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	2222	2222	2222	
5	2198	2192	2187	208
15	2081	2052	2027	578
25	1778	1725	1690	803
35	1481	1424	1402	896
45	1202	1161	1150	887
55	829	810	778	722
65	543	526	389	482
75	264	189	173	233
85	73	50	37	62
90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1589	33
	0 - 40	2486	51
	0 - 60	4095	84
	0 - 90	4873	100
	0 - 180	4873	100

AT3-22-P52/835-D Total Luminaire Output: 4873 lumens; 47 Watts | Efficacy: 104 lm/W | 80 CRI; 3500K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	1918	1918	1918	
5	1914	1907	1904	181
15	1807	1812	1845	513
25	1591	1653	1729	763
35	1334	1424	1521	890
45	1028	1119	1209	865
55	734	828	890	735
65	478	559	614	547
75	243	308	356	313
85	44	39	37	66
90	0	0	0	

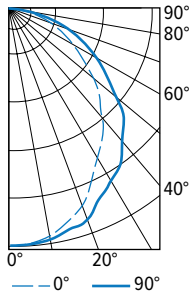
LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1457	30
	0 - 40	2347	48
	0 - 60	3947	81
	0 - 90	4873	100
	0 - 180	4873	100

PHOTOMETRY CONTINUED ON NEXT PAGE.



AT3 PoE | tunable **WHITE** Architectural Troffer – Straight Floating Center

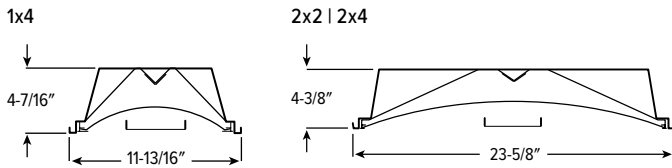
AT3-24-P58/835-D Total Luminaire Output: 5570 lumens; 48 Watts | Efficacy: 117 lm/W | 80 CRI; 3500K CCT



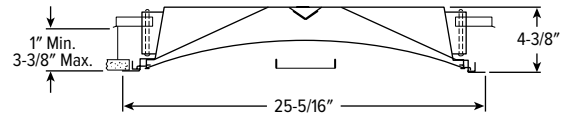
CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	2219	2219	2219	
	5	2207	2208	2210	210
	15	2083	2101	2128	592
	25	1802	1861	1931	860
	35	1460	1563	1665	980
	45	1176	1315	1402	988
	55	813	942	1002	832
	65	544	664	714	636
	75	283	387	387	379
	85	85	60	56	93
	90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1662	30
	0 - 40	2641	47
	0 - 60	4461	80
	0 - 90	5570	100
	0 - 180	5570	100

CROSS SECTIONS



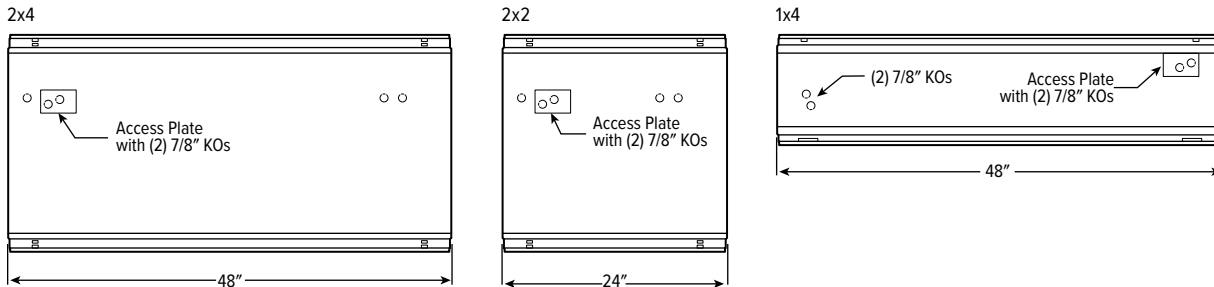
FLANGE KIT INSTALLATION



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.

FIXTURE DETAILS

BACKVIEW



SS | SS/PC OPTIONS GASKETING DETAILS

