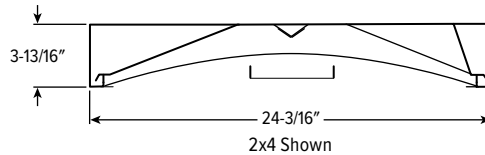


ATS3 LED Architectural Surface – Straight Floating Center



CATALOG #: _____

TYPE: _____

PROJECT: _____



FEATURES

- 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
- HE option delivers superior efficacies up to 146 lm/W
- Optional gasketed acrylic lens helps protect against contaminants
- Optional anti-microbial finish suppresses the spread of dangerous micro-organisms, mold, and bacterial growth
- Diffuse or perforated lens options enhance the space
- Support human-centric design with adaptive, individualized lighting using tunable white light
- Wireless in-fixture control solutions available
- Made Right Here® in the USA

SPECIFICATIONS

- HOUSING** – 20-gauge die-formed, welded C.R.S.
- DOOR FRAME** – Hinged, flat, extruded aluminum door frame with optical assembly.
- SHIELDING** – Diffuse molded acrylic lens with center detail.
- 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. L80 > 102,000 hours with HE option. 50/60 Hz constant current driver. Tunable White products use LEDs of multiple shades of white from single-CCT products at the same CCT. All CCTs are within 3 MacAdam ellipses.
- MOUNTING** – Surface or suspended
- 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.
 - Build America, Buy America (BABA) and Buy American Act (BAA) compliant. Request certification at hew.com/buy-american
- WARRANTY** – 5-year limited warranty, see hew.com/warranty

ORDERING EXAMPLE: ATS3 - 2 4 - L70/835 - D - OPTIONS - CONTROL/DIM - UNV

SERIES	WIDTH	LENGTH	LUMENS ^[1]	CRI	CCT	SHIELDING
ATS3	1 1' ^[2]	2 2'	1x4	8 80	27 2700K	D Diffuse matte acrylic center
	2 2'	4 4'	L30 3,000lm	9 90	30 3000K	P Perforated center ^[5]
			L50 5,000lm		35 3500K	
			L63 6,300lm ^[3]		40 4000K	
			2x2		50 5000K	
			L30 3,000lm		TW Tunable white (3000K–5000K)	
			L40 4,000lm		TW2 Tunable white (2700K-6500K)	
			L50 5,000lm			
			2x4			
			L40 4,000lm			
			L55 5,500lm			
			L70 7,000lm			
			L100 10,000lm ^[4]			

OPTIONS

See page 3 for **SUSPENDED MOUNTING OPTIONS**.
See page 3 for **FINISH OPTIONS**.

- EM/10W** 10-watt emergency battery ^[7]
- EM/10WLP** Low-profile 10-watt emergency driver ^[8]
- EM/12W** 12-watt emergency battery ^[9]
- (L__)** Additional lower lumen packages available. ^[10]
Example: 5,000 nominal lumens =
ATS3-24-L55/835-D-(L50)
- HE** High efficacy lumen package ^[11]
- SS** Sani-shield acrylic cover with double gasket ^[12]
- SS/PC** Sani-shield polycarbonate cover with double gasket ^[13]
- AMW** Anti-microbial white finish

CONTROL ^[6]

Click [HERE](#) for control and sensor options.

- None

DRIVER

See page 4 for **ADDITIONAL DRIVER OPTIONS**.

- DIM** Driver with external 0-10V dimming wires
- DIM1** 1% Driver with external 0-10V dimming wires
- DRV** Driver without external dimming wires ^[15]

VOLTAGE

- 120 120V
- 277 277V
- UNV 120-277V
- 347 347V ^[14]

NOTES

- Lumen output based on D Shielding, 80 CRI/3500K for static white and 4000K for tunable white. Actual performance may vary +/-5%, see page 2 for **FIXTURE PERFORMANCE DATA**. Additional lumen package available, see Options.
- 4' length only.
- Static white CCT only.
- Static white CCT only.
- Decreases lumen output by 15%
- See page 4 for **SENSOR & NODE PLACEMENT DETAILS**.
- 2x2, 2x4 only.
- 1x4 only.
- 2x2, 2x4 only. Not available when CEC regulations are required.
- Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- Not available with tunable white or 90 CRI or 2x4 L40 lumen package. See page 2 for **FIXTURE PERFORMANCE DATA**.
- Reduces lumen output by 10%. Not available with integral control sensors.
- Reduces lumen output by 10%. Not available with integral control sensors.
- Not available with tunable white or EM batteries.
- Not available with tunable white.



ATS3 LED Architectural Surface – Straight Floating Center

FIXTURE PERFORMANCE DATA

	LED PACKAGE	DELIVERED LUMENS	STANDARD		HE OPTION ^[1]	
			WATTAGE	EFFICACY (lm/W)	WATTAGE	EFFICACY (lm/W)
1x4	L30	2816	29.5	95	20.6	137
	L50	4702	48.3	97	35.8	131
	L63	5876	62.4	94	42.9	137
2x2	L30	2816	29.5	95	22.0	128
	L40	3831	37.2	103	29.5	130
	L50	4701	48.3	97	39.4	119
2x4	L40	3874	34.2	113	-	-
	L55	5302	48.0	110	36.7	145
	L70	6722	63.3	106	46.8	144
	L100	9720	86.9	112	66.7	146

¹ Not available with 90 CRI.

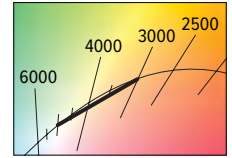
- Photometrics tested in accordance with IESNA LM-79. Results based on D shielding, 80 CRI, 3500K for single CCT and 4000K for tunable white, average wattage for 120V through 277V input, and 25°C ambient temperature. Actual performance may vary +/-5%.
- To calculate lumen output in emergency mode, multiply the battery wattage by the efficacy.
- Use multiplier table to calculate additional options.
- HE Option is recommended for POE PR fixtures. Fixture efficacy is typically 10-12% higher than above at same lumen level. Consult factory during project design phase for details.

MULTIPLIER TABLE

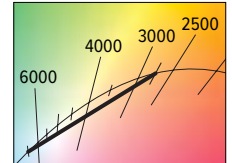
	COLOR TEMPERATURE			
	CCT	STANDARD	TW	TW2
80 CRI	2700K	0.97	-	0.93
	3000K	0.99	0.95	0.95
	3500K	1.00	0.98	0.98
	4000K	1.03	1.00	1.00
	5000K	1.06	0.96	1.02
	6500K	-	-	1.01

	COLOR TEMPERATURE			
	CCT	STANDARD	TW	TW2
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

TW

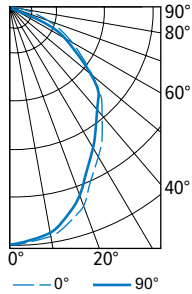


TW2



PHOTOMETRY

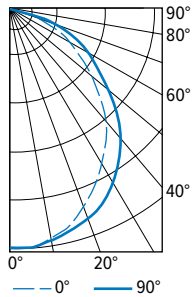
ATS3-14-L63/835-D-DIM-UNV Total Luminaire Output: 5876 lumens; 62.4 Watts | Efficacy: 94.0 lm/W | 80 CRI; 3500K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	2679	2679	2679	
	5	2651	2643	2637	251
	15	2510	2475	2444	697
	25	2144	2081	2038	968
	35	1786	1718	1691	1081
	45	1450	1400	1387	1070
	55	1000	976	939	871
	65	655	635	469	582
	75	319	227	208	281
	85	88	61	45	75
	90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1916	33
	0 - 40	2997	51
	0 - 60	4938	84
	0 - 90	5876	100
	0 - 180	5876	100

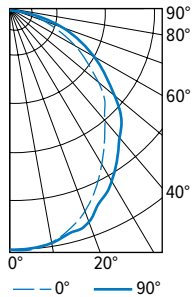
ATS3-22-L50/835-D-DIM-UNV Total Luminaire Output: 4701 lumens; 48.3 Watts | Efficacy: 97 lm/W | 80 CRI; 3500K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	1831	1831	1831	
	5	1831	1822	1820	173
	15	1719	1735	1762	490
	25	1514	1590	1654	730
	35	1253	1359	1461	852
	45	984	1094	1191	838
	55	696	820	892	716
	65	431	546	613	532
	75	214	313	332	305
	85	48	41	30	64
	90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1393	30
	0 - 40	2246	48
	0 - 60	3800	81
	0 - 90	4701	100
	0 - 180	4701	100

ATS3-24-L70/835-D-DIM-UNV Total Luminaire Output: 6722 lumens; 63 Watts | Efficacy: 106 lm/W | 82 CRI; 3500K CCT



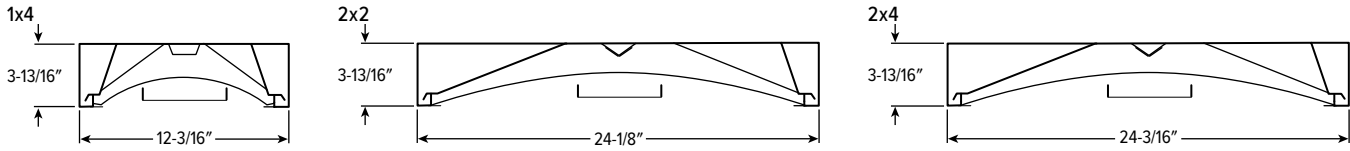
CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	2678	2678	2678	
	5	2664	2665	2667	253
	15	2514	2536	2569	715
	25	2175	2246	2331	1038
	35	1762	1886	2010	1182
	45	1419	1587	1692	1192
	55	981	1137	1210	1004
	65	656	802	861	768
	75	342	467	467	457
	85	102	73	68	112
	90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	2006	30
	0 - 40	3188	47
	0 - 60	5384	80
	0 - 90	6722	100
	0 - 180	6722	100



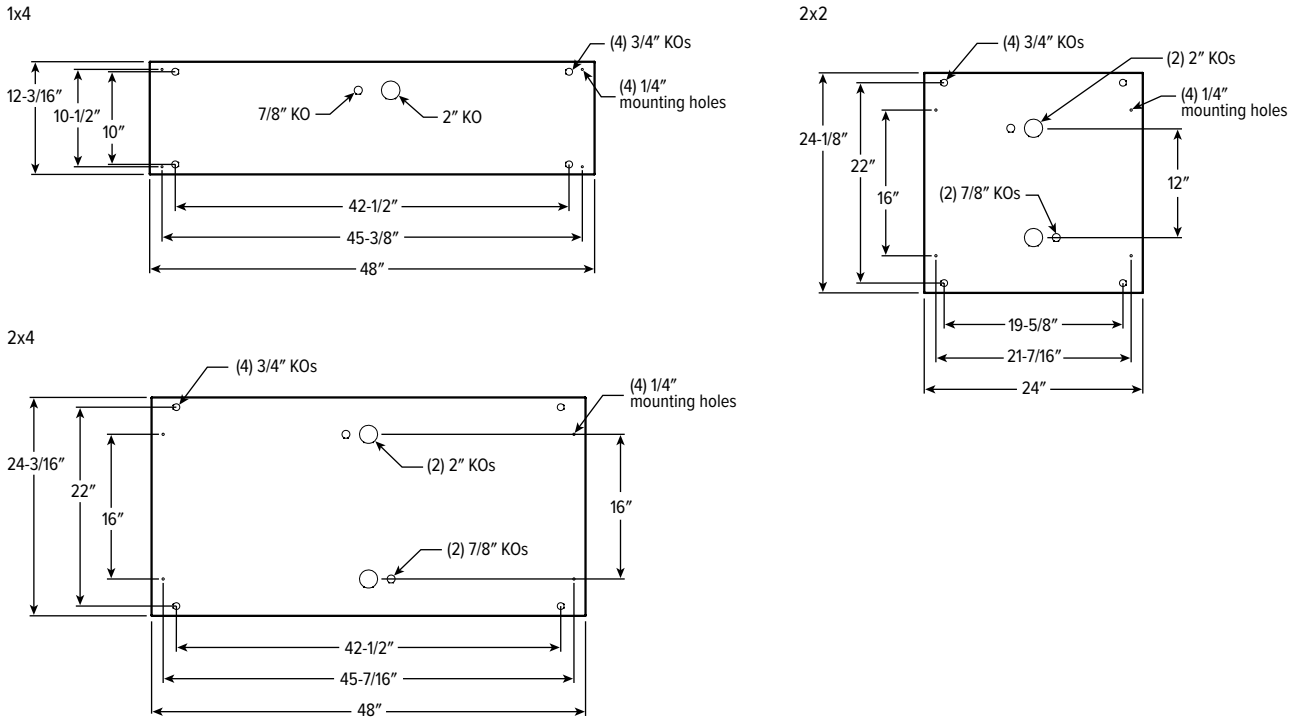
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CROSS SECTIONS

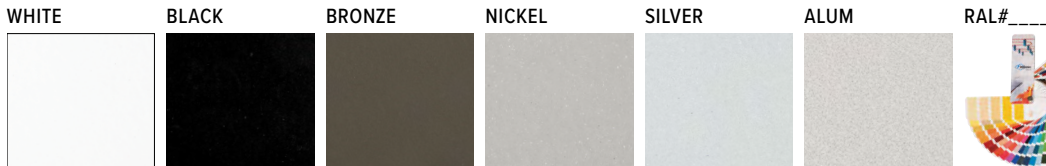


FIXTURE DETAILS

BACKVIEW



FINISH OPTIONS



For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require four sample swatches, minimum 1" square.

SUSPENDED MOUNTING OPTIONS

AIRCRAFT CABLE

ORDERING EXAMPLE: ACF*4P/D48		
PREFIX	TYPE	LENGTH
ACF*4P/	D 1" grid & hardpan	24 24"
	N 9/16" grid	48 48"
	S Slot grid	96 96"
		144 144"
		192 192"
		240 240"
		300 300"

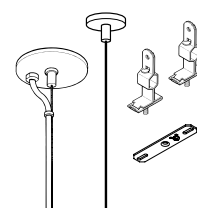
CORD OPTIONS

Units specified with aircraft cable require cord. Please specify cord type using ordering information below. Long fixture rows may require multiple feed points based on 18ga conductor size.

EXAMPLE: S2438D/W				
CORD TYPE	LENGTH	# OF COND. ^[1]	WIRE SIZE	COLOR
S	24 24"	3	8D 18ga	/W White /B Black
	48 48"	4		
	96 96"	6		

¹ Includes (2) 22ga purple & pink dimming conductors

STANDARD HARDWARE (Grid & Hardpan)

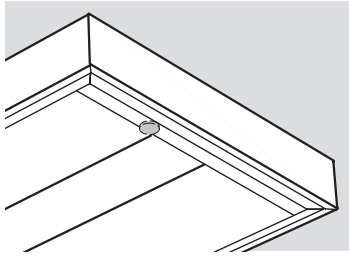


- Fixtures are provided with adjustable length aircraft cables and mounting hardware, must specify.
- One 5" canopy used at power feed location to cover the junction box. Three other suspension points use 2" canopy at the non-feed point. No J-box is required at non-feed points.



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SENSOR & NODE PLACEMENT DETAILS



ADDITIONAL DRIVER OPTIONS

Note: Restrictions may apply, consult product builder at hew.com/product-builder

CATALOG NUMBER	DESCRIPTION
DRV ⁽¹⁾	Driver without external dimming wires prewired for non-dimming applications
DIM	Driver with external dimming wires prewired for 0-10V low voltage applications (tunable white: (1) 0-10V signal controls dimming and (1) 0-10V signal controls CCT)
DIM1	1% driver with external dimming wires prewired for 0-10V low voltage applications
DIM LINE ⁽¹⁾	Line voltage dimming driver (TRIAC and ELV compatible, 120V only)
DIM TRC ⁽¹⁾	Line voltage dimming driver (TRIAC compatible, 120V only)
DA	Driver with 12V auxiliary power, without external dimming wires (not available with 347V)
DSR	DALI-2 sensor-ready driver without external dimming wires (Not available with 347V. Static CCTs use D4i DALI-2 driver)
DALI	DALI dimming driver
DMX	Driver prewired for DMX applications
SD40 ⁽¹⁾	40% step-dimming driver
SD50 ⁽¹⁾	50% step-dimming driver
LDE1 ⁽¹⁾	Lutron Hi-lume 1% EcoSystem dimming driver
LD2	Lutron DALI-2 digital driver, 1%
PoE PR	Power over Ethernet-ready, fixture powered and controlled by remote UL- or CSA-listed PoE driver

¹ Single CCT only.

TUNABLE WHITE DRIVER DETAILS

