

CATALOG #: \_\_\_\_\_

TYPE: \_\_\_\_\_

PROJECT: \_\_\_\_\_

## FEATURES

- Tunable white from 3000K to 5000K CCT, minimum 80 CRI
- Ideal for schools, hallways, stairwells, dormitories, locker rooms, or vandal prone areas
- Heavy-duty marine grade aluminum housing, die-cast end caps, and extremely durable impact-resistant polycarbonate lens add strength and durability
- Tamper-resistant #8 snake eye screws provided to protect against vandals
- Optional occupancy sensor available for use in stairwells and low traffic areas
- Designed for surface, wall, pendant, or vandal-resistant corner mount
- ADA compliant in wall mount applications
- Features easy row mount capability with integral alignment pieces
- Made Right Here® in the USA

## SPECIFICATIONS

- HOUSING** – Marine grade aluminum. Extruded housing with die-cast end caps.
- SHIELDING** – UV stabilized polycarbonate lens, .150" thick with .040" matte white acrylic underlay to minimize pixelation.
- REFLECTIVE SURFACES** – 92% minimum average reflective white powder coat on interior components.
- FINISH** – Textured matte white polyester TGIC 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 board. L70 > 50,000 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** – Surface (ceiling or wall) or suspended (hanging hardware required).
- LABELS** – cETLus conforms to UL STD 1598. Certified to CAN/CSA STD C22.2 No. 250.0. Suitable for damp locations.
- WARRANTY** – 5-year limited warranty, see [hew.com/warranty](http://hew.com/warranty).

## ORDERING EXAMPLE: AVX - 4 - L62/8TW - CPC - OPTIONS - DALI - UNV

SERIES	LENGTH	LUMENS <sup>[1]</sup>	CRI & CCT	SHIELDING
AVX	2 2'	2'	8TW Tunable white (80 CRI, 3000K-5000K)	CPC Clear, UV stabilized polycarbonate, .150" thick
	4 4'	L31 3,100lm		WPC White, UV stabilized polycarbonate, .150" thick
	8 8' <sup>[2]</sup>	4'		
		L30 3,000lm		
		L62 6,200lm		
		8'		
		L60 6,000lm		
		L125 12,500lm		

### OPTIONS <sup>[3]</sup>

EM/10WRM	Remote mount 10-watt emergency battery <sup>[5]</sup>
EM/10WLP	Low profile 10-watt emergency battery <sup>[6]</sup>
(L___)	Additional lower lumen packages available. <sup>[7]</sup> Example: 5,500 nominal lumens = AVX-4-L62/8TW-(L55).
TPSN-8	#8, tamper-resistant (snake eyes) tool <sup>[8]</sup>
AVX-4 CMB	4', vandal-resistant corner mount

### OCCUPANCY SENSORS <sup>[9]</sup>

OCCLV OSF10-10W-___	Passive Infrared (PIR) sensor
OCCWS FS-505-PP-___	Ultrasonic low voltage sensor with power pack

### MOUNTING (EXAMPLE: AC(Y12)/D48) <sup>[10]</sup>

#### ADJUSTABLE AIRCRAFT CABLE <sup>[11]</sup>

Prefix	Type	Length
AC(Y12)/	D 1" grid & hardpan	24 24"
	N 9/16" grid	48 48"
	S Slot grid	96 96"

#### PENDANT MOUNT <sup>[12]</sup>

SWS(AV)12	Pendant swivel stem mount with 12" stem
SS(AV)12	Pendant stem mount with 12" stem

### CONTROL <sup>[4]</sup>

DALI	Driver prewired for DALI applications	120 120V
DIM	(1) 0-10V signal to control dimming (1) 0-10V signal to control CCT	277 277V
DMX	Driver prewired for DMX applications	UNV 120-277V
PSQ	Lutron T-Series 2-channel tunable white 1%.	

## NOTES

- Nominal lumen output based on 4000 CCT and CPC shielding. Actual lumens may vary +/-5%. See page 2 for FIXTURE PERFORMANCE DATA. Additional lumen packages available, see options.
- Two 4' units end-to-end.
- See page 4 for FINISH OPTIONS.
- See page 3 for CONTROL DETAILS.
- 2' only.
- 4' and 8' only.
- Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.

- Tamper resistant (TPSN-8) tool must be ordered separately. Please specify quantity required per project.
- Must specify 120V or 277V. Factory-installed. Not available with EM battery in 2' units. See page 3 for OCCUPANCY SENSOR DETAILS.
- Required with suspended mount fixtures.
- Units specified with ACF(Y12)\_\_\_ require cord. See page 2 for CORD FOR SUSPENDED PRODUCT.
- Two stem sets required for 2' and 4' fixtures; three stem sets required for 8'. One additional stem set required for each 4' length when row mounted.



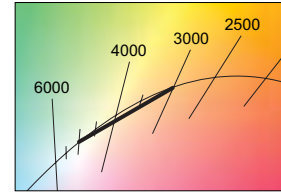
## FIXTURE PERFORMANCE DATA

	LED PACKAGE	DELIVERED LUMENS		WATTAGE	EFFICACY (lm/W)	
		CLEAR (CPC)	WHITE (WPC)		CLEAR (CPC)	WHITE (WPC)
2'	L31	3190	2201	30	106	73
4'	L30	3043	2100	29	107	74
	L62	6261	4320	59	107	74
8'	L60	6085	4199	57	107	74
	L125	12522	8640	118	107	74

- 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 F shielding, 4000K, 80 CRI, actual lumens may vary +/-5%
- Use multiplier table to calculate additional options.

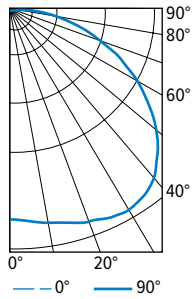
## MULTIPLIER TABLE

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



## PHOTOMETRY

AVX-4-L62/8TW-CPC-DALI Total Luminaire Output: 6261 lumens; 59 Watts | Efficacy: 106 lm/W | 82.8 CRI; 4060K CCT

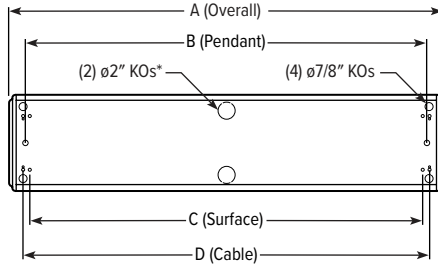


VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	1897	1897	1897	
5	1902	1898	1915	182
15	1772	1906	2005	536
25	1547	1857	2083	845
35	1267	1726	2081	1062
45	978	1502	1888	1125
55	704	1202	1541	1026
65	430	861	1100	788
75	145	488	656	466
85	13	187	294	187
90	0	86	162	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1562	25
	0 - 40	2624	42
	0 - 60	4775	76
	0 - 90	6217	99
	0 - 180	6261	100

## FIXTURE DETAILS

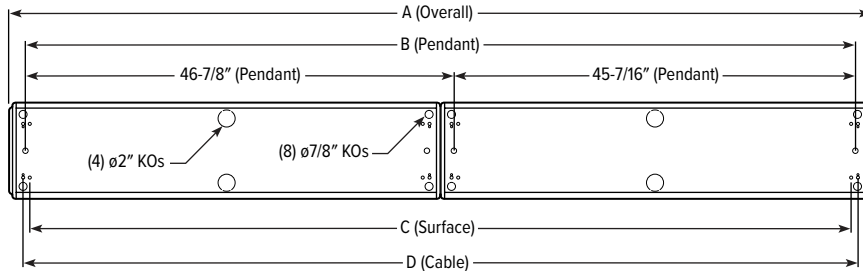
### BACK VIEW – 2' AND 4' UNITS



DIMENSION TYPES	ACTUAL LENGTHS		
	2' UNIT	4' UNIT	8' UNIT
A (Overall)	25-3/4"	48-1/16"	95-9/16"
B (Pendant)	23-1/4"	45-7/16"	92-5/16"
C (Surface)	21-1/2"	44"	91-1/2"
D (Cable)	23"	46"	93-1/2"

\* 2" KOs not available in 2' fixture length with EM option.

### BACK VIEW – 8' UNITS



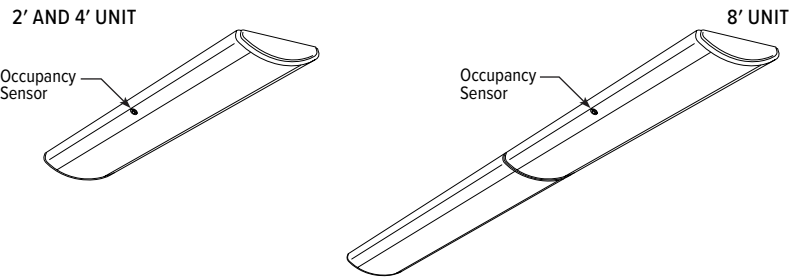
## CORD FOR SUSPENDED PRODUCT

Units specified with ACF(Y12)\_\_\_ require cord. Please specify cord type using ordering information below.

EXAMPLE: S 24 3 8 / W				
CORD TYPE	LENGTH	# OF COND.	WIRE SIZE	COLOR
S	24 24"	3		
	48 48"	4	8	/W White
	96 96"	5		/B Black

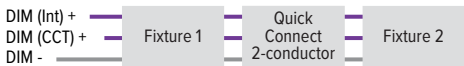


OCCUPANCY SENSOR DETAILS



CONTROL DETAILS

DIM



DALI



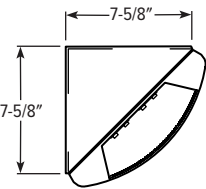
DMX



LUTRON T-SERIES

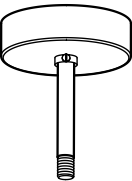


CORNER MOUNT BRACKET



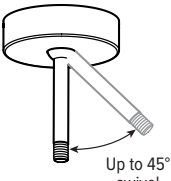
STEM DETAILS

SINGLE STEM AND CANOPY



**SS(AV)12** Pendant stem mount with 12" stem. Two stem sets required for 4' fixture; three stem sets for 8'. One additional stem set required for each 4' length when row mounted.

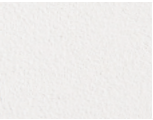

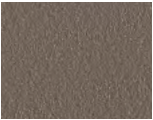



STEM AND SWIVEL CANOPY



**SWS(AV)12** Pendant swivel stem mount with 12" stem. Two stem sets required for 4' fixture; three stem sets for 8'. One additional stem set required



FINISH OPTIONS

WHITE	BLACK	BRONZE	NICKEL	SILVER	ALUMINUM
					

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

