

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

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

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

**FEATURES**

- Support human-centric design with adaptive, individualized lighting using tunable white light
- 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** –
  - cCSAus certified as luminaire suitable for dry or damp locations.
  - Suitable for wet location under covered ceiling when specified with WET/CC option.
- 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'	8 80	TW	Tunable white (3000K-5000K)
	4 4'	L31 3,100lm	9 90 <sup>[3]</sup>	TW2	Tunable white (2700K-6500K)
	8 8' <sup>[2]</sup>	4'			
		L30 3,000lm			
		L62 6,200lm			
		8'			
		L60 6,000lm			
		L125 12,500lm			

**OPTIONS <sup>[4]</sup>**

- EM/10WRM** Remote mount 10-watt emergency battery <sup>[6]</sup>
- EM/10WLP** Low profile 10-watt emergency battery <sup>[7]</sup>
- (L\_\_)** Additional lower lumen packages available. <sup>[8]</sup>  
Example: 5,500 nominal lumens = AVX-4-L62/8TW-(L55).

- AVX-4 CMB** 4', vandal-resistant corner mount
- WET/CC** Wet location under covered ceiling <sup>[9]</sup>

**OCCUPANCY SENSORS <sup>[10]</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>[11]</sup>**

**ADJUSTABLE AIRCRAFT CABLE <sup>[12]</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>[13]</sup>**

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

**ACCESSORIES**

- TPSN-8 TOOL #8**, tamper-resistant snake eyes tool. <sup>[14]</sup>

**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.
- Extended lead times may apply. Consult factory for availability.
- See page 3 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.
- Not available with AVX-4 CMB corner mount, occupancy sensors, or suspended mounting hardware.
- 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 3 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.
- Tamper-resistant tool must be ordered separately. Please specify quantity required per project.



## FIXTURE PERFORMANCE DATA

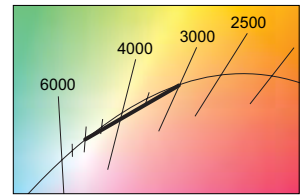
	LED PACKAGE	DELIVERED LUMENS		WATTAGE	EFFICACY (lm/W)	
		CLEAR (CPC)	WHITE (WPC)		CLEAR (CPC)	WHITE (WPC)
2'	L31	3190	2201	30	106	73
4'	L30	3043	2100	29	107	74
	L62	6261	4320	59	107	74
8'	L60	6085	4199	57	107	74
	L125	12522	8640	118	107	74

- 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.

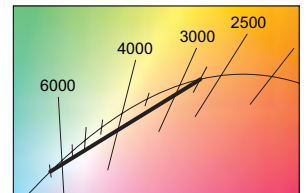
## MULTIPLIER TABLE

	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	-	-	0.93	1.02
	3000K	0.91	1.03	0.95	1.01
	3500K	0.96	1.01	0.98	1.00
	4000K	1.00	1.00	1.00	1.00
	5000K	1.03	1.03	1.03	1.00
	6500K	-	-	1.02	1.04

## TW

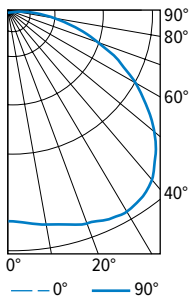


## TW2



## PHOTOMETRY

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

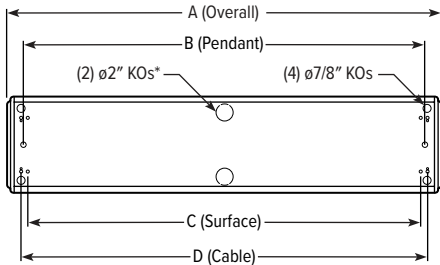


VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	1897	1897	1897	
5	1902	1898	1915	182
15	1772	1906	2005	536
25	1547	1857	2083	845
35	1267	1726	2081	1062
45	978	1502	1888	1125
55	704	1202	1541	1026
65	430	861	1100	788
75	145	488	656	466
85	13	187	294	187
90	0	86	162	

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

## FIXTURE DETAILS

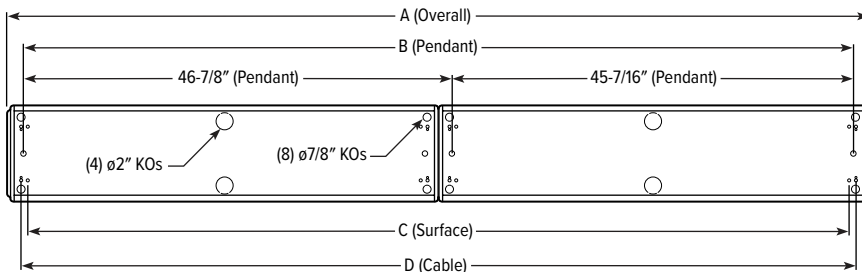
### BACK VIEW - 2' AND 4' UNITS



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" KO's not available in 2' fixture length with EM option.

### BACK VIEW - 8' UNITS

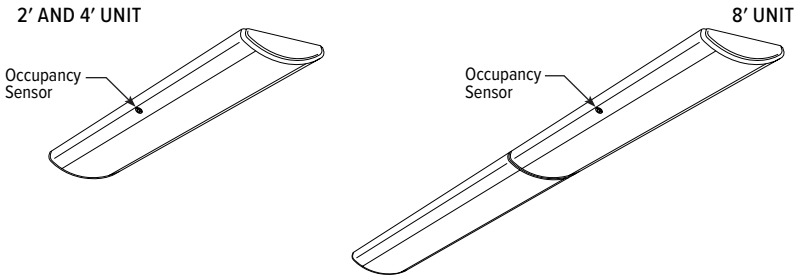


## CORD FOR SUSPENDED PRODUCT

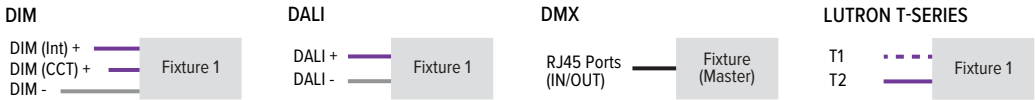
Units specified with ACF(Y12)\_\_\_ require cord. Please specify cord type using ordering information below.

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

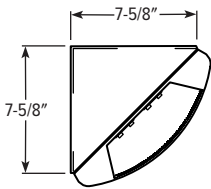
## OCCUPANCY SENSOR DETAILS



## CONTROL DETAILS

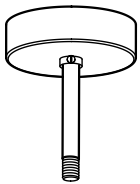


## CORNER MOUNT BRACKET



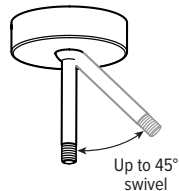
## STEM DETAILS

### SINGLE STEM AND CANOPY



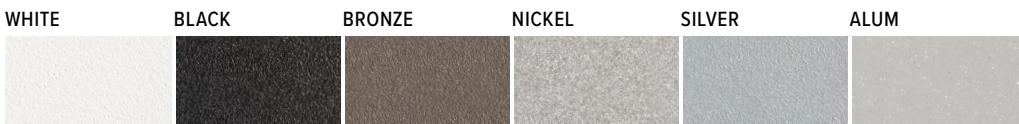
**SS(AV)12** Pendant stem mount with 12" stem. Two stem sets required for 4' fixture; three stem sets for 8'. One additional stem set required for each 4' length when row mounted.

### 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



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.

