

CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

- 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
- Multiple dimming protocols available
- Made Right Here® in the USA

ORDERING EXAMPLE: AVX - 4 - L100/835 - CPC - OPTIONS - DIM - UNV

ORDERING INFO

SERIES	LENGTH	LUMENS ^[1]	CRI	CCT	SHIELDING	
AVX	2 2'	2'	8 80	27 2700K	CPC Clear, UV stabilized polycarbonate, .150" thick	
	4 4'	L25 2,500lm	9 90 ^[3]	30 3000K	WPC White, UV stabilized polycarbonate, .150" thick	
	8 8' ^[2]	L42 4,200lm		35 3500K		
		4'	L36 3,600lm		40 4000K	
			L62 6,200lm		50 5000K	
			L82 8,200lm			
			L100 10,000lm			
		8'	L72 7,200lm			
			L124 12,400lm			
			L164 16,400lm			
			L200 20,000lm			

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. Rated for 50,000 hours at 70% lumen maintenance (L70). Listed for 25°C ambient operating temperature.
- MOUNTING – Surface (ceiling or wall) or suspended (hanging hardware required).
- LISTINGS –
 - 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.

OPTIONS ^[4]

- EM/10WRM Remote mount 10-watt emergency battery ^[6]
- EM/10WLP Low profile 10-watt emergency battery ^[7]
- C2_ Two circuit quick-connect wiring harness ^[8]
- (L__) Additional lower lumen packages available. ^[9]
Example: 9,000 nominal lumens = AVX-4-L100/835-(L90).

CONTROL ^[5]

- DRV Non-dimming driver
- DIM Dimming driver

VOLTAGE

- 120 120V
- 277 277V
- UNV 120-277V
- 347 347V ^[16]

AVX-4 CMB

- 4', vandal-resistant corner mount ^[10]

WET/CC

- Wet location under covered ceiling ^[11]

OCCUPANCY SENSORS ^[12]

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

MOUNTING (EXAMPLE: AC(Y12)/D48) ^[13]

ADJUSTABLE AIRCRAFT CABLE ^[14]

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

PENDANT MOUNT ^[15]

- 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. ^[17]

NOTES

- ¹ Nominal lumen output based on 3500 CCT and CPC shielding. Actual lumens may vary +/-5%. See page 2 for FIXTURE PERFORMANCE DATA. Additional lumen packages available, see options.
- ² Two 4' units end-to-end.
- ³ Extended lead times may apply. Consult factory for availability.
- ⁴ See page 3 for FINISH OPTIONS.
- ⁵ See page 2 for ADDITIONAL CONTROL OPTIONS.
- ⁶ 2' only.
- ⁷ 4' and 8' only.
- ⁸ See page 3 for QUICK-CONNECT OPTIONS.
- ⁹ Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- ¹⁰ See page 3 for CORNER MOUNT DETAILS.
- ¹¹ Not available with AVX-4 CMB corner mount, occupancy sensors, or suspended mounting hardware.
- ¹² Must specify 120V or 277V. Factory-installed. Not available with EM battery in 2' units. See page 2 for OCCUPANCY SENSOR DETAILS.
- ¹³ Required with suspended mount fixtures.
- ¹⁴ Units specified with ACF(Y12)___ require cord. See page 3 for CORD FOR SUSPENDED PRODUCT.
- ¹⁵ 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.
- ¹⁶ Not available with EM drivers.
- ¹⁷ 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'	L25	2420	1670	21	113	78
	L42	4279	2953	37	114	79
	L36	3677	2537	31	118	81
4'	L62	6253	4315	57	109	75
	L82	8302	5728	71	117	81
	L100	9893	6750	88	112	77
	L72	7221	4982	61	119	82
8'	L124	12507	8630	115	109	75
	L164	16603	11456	141	117	81
	L200	20153	13906	177	114	79

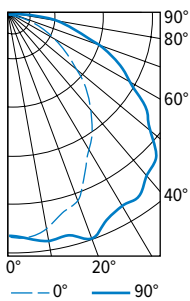
MULTIPLIER TABLE

	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

- 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 CPC shielding, 3500K, 80 CRI, actual lumens may vary +/-5%
- Use multiplier table to calculate additional options.

PHOTOMETRY

AVX-4-L62/835-CPC Total Luminaire Output: 6253 lumens; 110 Watts | Efficacy: 57 lm/W | 80 CRI; 3500K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	2043	2043	2043	
	5	2055	2067	2083	196
	15	1887	2003	2110	569
	25	1616	1862	2105	861
	35	1326	1721	2053	1048
	45	985	1516	1882	1104
	55	663	1185	1508	987
	65	395	855	1110	765
	75	149	480	662	464
	85	24	199	337	205
	90	6	94	189	

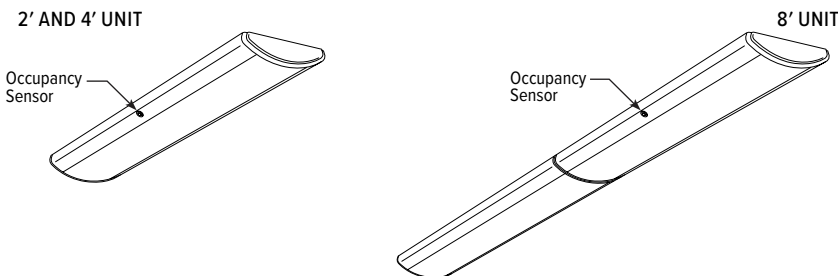
LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
0 - 40	2676	43	
0 - 60	4766	76	
0 - 90	6201	99	
0 - 180	6253	100	

ADDITIONAL CONTROL OPTIONS

Note: Lumen restrictions apply, consult product builder at hew.com/product-builder.

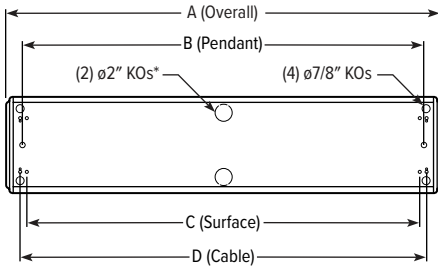
CATALOG NUMBER	DESCRIPTION
DRV	Driver prewired for non-dimming applications
DIM	Dimming driver prewired for 0-10V low voltage applications
DIM1	1% dimming driver prewired for 0-10V low voltage applications
DIM LINE	Line voltage dimming driver (TRIAC and ELV compatible, 120V only)
DIM TRC	Line voltage dimming driver (TRIAC compatible, 120V only)
SD40	40% step-dimming driver
SD50	50% step-dimming driver
DALI	DALI dimming driver
LTE LINE	Lutron Hi-lume 1% 2-wire dimming driver forward phase line voltage controls (120V only)
LDE1	Lutron Hi-lume 1% EcoSystem dimming LED driver
ELDO SOLOB	EldoLED Solodrive, 0.1% dimming driver for 0-10V controls
ELDO SOLOB DALI	EldoLED Solodrive, 0.1% dimming driver for DALI controls
ELDO ECO1	EldoLED Ecodrive, 1% dimming driver for 0-10V controls
ELDO ECO1 DALI	EldoLED Ecodrive, 1% dimming driver for DALI controls

OCCUPANCY SENSOR DETAILS



FIXTURE DETAILS

BACK VIEW – 2' AND 4' UNITS

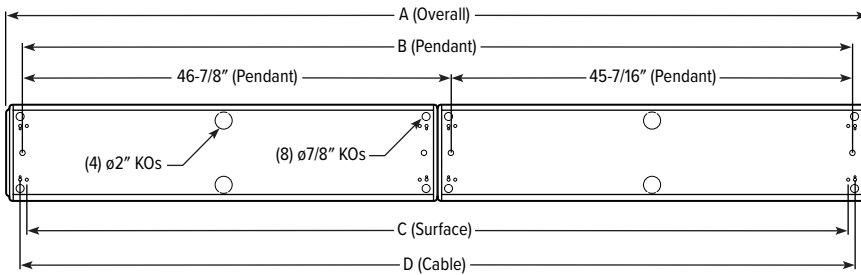


DIMENSION TYPES	ACTUAL LENGTHS		
	2' UNIT	4' UNIT	8' UNIT
A (Overall)	25-3/4"	48-1/16"	95-9/16"
B (Pendant)	23-1/4"	45-7/16"	92-5/16"
C (Surface)	21-1/2"	44"	91-1/2"
D (Cable)	23"	46"	93-1/2"

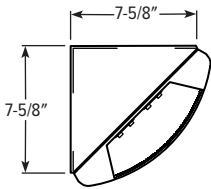
For continuous row applications, subtract 7/8" from dimension "A" for every additional fixture per row.

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

BACK VIEW – 8' UNITS



CORNER MOUNT DETAILS

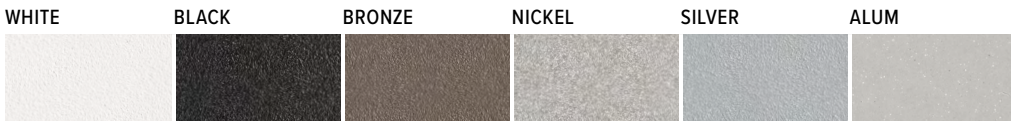


CORD FOR SUSPENDED PRODUCT

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		

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.

QUICK-CONNECT OPTIONS

Note: Quick connect wiring required for row mounting. Length restrictions may apply, consult product builder at hew.com/product-builder.

DESIGNATION	NUMBER OF WIRES (EXCLUDING GROUND)	WIRE COLORS	WIRE COLOR/POWER SUPPLY FACTORY CONNECTIONS	TYPICAL USE
C2B	3	White, Black, Red	White, Black	Alternating Circuits
C2BR	3	White, Black, Red	White, Black, Red	ON/OFF Switching (DRV) or Line Voltage dimming (DIM LINE) when equipped w/EM Power Supply (EM/10W)
C2R	3	White, Black, Red	White, Red	Alternating Circuits
C2BW/R	5	White, Black, Red, Gray, Green	White, Black/Red, Gray	0-10V 4-wire Low Voltage Dimming (DIM)