

ARCHITECTURAL VANDAL WRAP

AVX

LED

CATALOG #:

TYPE:

PROJECT:

NOTES:

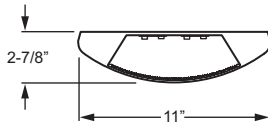
EXAMPLE

AVX - 4 - L100/840 - CPC - OPTIONS - DIM - UNV

SERIES NOMINAL LENGTH LUMEN PACKAGE CRI & CCT SHIELDING OPTIONS DRIVER VOLTAGE



CROSS SECTION



ORDERING INFORMATION

SERIES

AVX Architectural Vandal Wrap

NOMINAL LENGTH

4 4'
8 8' (two 4' units end-to-end)

LED PACKAGE

NOTE: Nominal lumens are based on CPC shielding and 3500 CCT, actual lumens may vary.

EXAMPLE: L100/840				MINIMUM CRI & CCT	AVERAGE SYSTEM WATTAGE
LUMEN PACKAGE	NOMINAL LUMENS				
	CLEAR LENS	WHITE LENS			
4'					
L36	3,600	2,600	827 = 82 CRI, 2700K 830 = 80 CRI, 3000K 835 = 80 CRI, 3500K 840 = 80 CRI, 4000K 850 = 80 CRI, 5000K	42	
L62	6,200	4,400		73	
L82	8,200	5,900		106	
L100	10,000	7,100		121	
8'					
L72	7,200	5,200		84	
L124	12,400	8,900		146	
L164	16,400	11,800		213	
L200	20,000	14,200		264	

SHIELDING

CPC Clear, UV stabilized polycarbonate, .150" thick
WPC White, UV stabilized polycarbonate, .150" thick

OPTIONS

For color options, visit the AVX online at hew.com.

EM/10WLP Low profile 10-watt emergency battery (120V or 277V only).

C2_ Two circuit quick-connect wiring harness (price per foot, see Information section for complete quick-connect offering)

OCC Factory-installed occupancy sensor (120V or 277V only).

Passive Infrared (PIR): OCCLV OSF10-I0W Ultrasonic (with power pack, must specify voltage): OCCWS FS-505-PP-____

(L__) Additional lower lumen packages available. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.

Example: 8,500 nominal lumens = AVX-4-L87/850-**(L85)**.

ACCESSORIES (Must be ordered separately)

See Technical Info for [mounting accessories](#) details.

TPSN-8 #8, tamper-resistant (snake eyes) tool. (Tamper resistant (TPSN-8) tool must be ordered separately. Please specify quantity required per project.)

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 for each 4' length when row mounted.)

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.)

AVX-4 CMB 4', vandal-resistant corner mount

Units specified with ACF(Y12)___ options (below) require cord. Please specify cord type using ordering example on page 21C.

ACF(Y12)24 24" adjustable Y aircraft cable with canopies

ACF(Y12)48 48" adjustable Y aircraft cable with canopies

ACF(Y12)96 96" adjustable Y aircraft cable with canopies

DRIVER

Additional dimming drivers available, see [Technical Info](#).

DRV Driver prewired for non-dimming applications

DIM Driver prewired for 0-10V low voltage dimming applications

VOLTAGE

120 120V

277 277V

UNV 120-277V

347 347V (not available with EM drivers)

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.
- ▶ This fixture is proudly made in the USA.



LED

Catalog #: **AVX-4-L100/840-CPC**

SPECIFICATIONS

Housing – Marine grade aluminum. Extruded housing with die-cast end caps.

Shielding – UV stabilized polycarbonate lens, .150" thick.

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). 25°C maximum ambient operating temperature.

Mounting – Surface (ceiling or wall). Suspended (hanging hardware required).

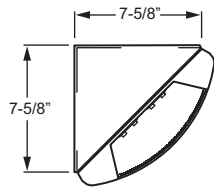
Labels – cETLus conforms to UL STD 1598. Certified to CAN/CSA STD C22.2 No. 250.0. Suitable for damp locations.

Warranty – 5-year limited warranty, see hew.com/warranty.

IMPORTANT:

Electrostatic sensitive unit. Observe precautions when handling.

CORNER MOUNT BRACKET



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 L. COND. SIZE # OF WIRE COLOR

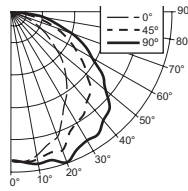
Select cord option from list below. All cords are available in white (W) or black (B).

24" CORD	48" CORD
S2438/_	S4838/_
S2448/_	S4848/_
S2458/_	S4858/_
96" CORD	
S9638/_	
S9648/_	
S9658/_	

PHOTOMETRY

TEST REPORT INFORMATION

- ▶ Test Report #: 18151.0
- ▶ Date: 05/13/14
- ▶ Lamp Type: LED
- ▶ **Rated Lumens: 10130**
- ▶ **Watts: 121.1**
- ▶ **Lumens Per Watt: 83.6**
- ▶ **CRI: 82.8**
- ▶ **CCT: 4060K**



CANDLEPOWER DISTRIBUTION

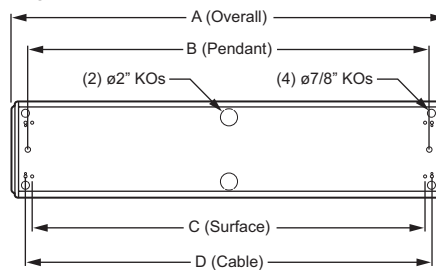
Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0°	3285.	3285.	3285.	
5°	3293.	3312.	3337.	316.3
15°	3023.	3212.	3372.	908.0
25°	2586.	2975.	3357.	1374.8
35°	2125.	2754.	3295.	1705.5
45°	1590.	2452.	3056.	1816.0
55°	1073.	1913.	2444.	1607.2
65°	640.	1380.	1808.	1252.7
75°	242.	774.	1089.	739.5
85°	42.	325.	560.	331.7
90°	12.	156.	318.	

LUMEN SUMMARY

Zone	Lumens	% Fixture
0° - 30°	2599.	25.7
0° - 40°	4305.	42.5
0° - 60°	7728.	76.3
0° - 90°	10052.	99.2
TOTAL LUMINAIRE:		
0° - 180°	10130.	100.0
IES Spacing Criteria: End = 1.1 Diagonal = 1.3 Across = 1.5		

FIXTURE DETAILS

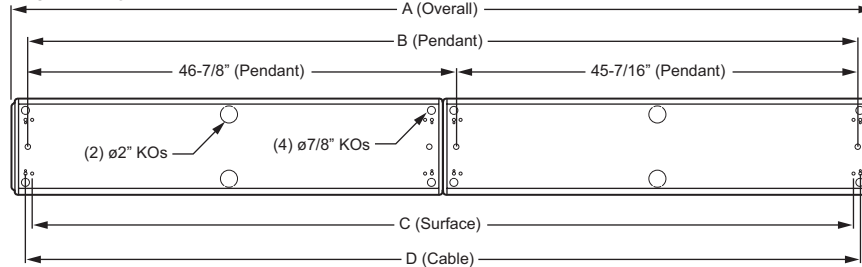
BACK VIEW-4'



Dimension Types	Actual Lengths	
	4' Unit	8' Unit
A (Overall)	48-1/16"	95-9/16"
B (Pendant)	45-7/16"	92-5/16"
C (Surface)	44"	91-1/2"
D (Cable)	46"	93-1/2"

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

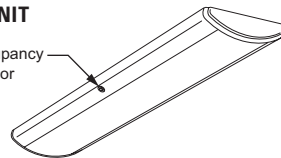
BACK VIEW-8'



OCCUPANCY SENSOR DETAILS

4' UNIT

Occupancy Sensor



8' UNIT

Occupancy Sensor

