



WALL MOUNT

L70
 25°C 147,000 Hours



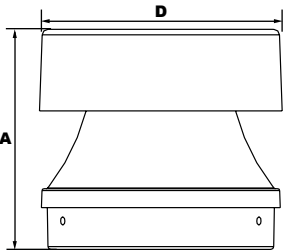
CAV15-D
 Shown with 180°
 Shield



CAV15-D
 Shown Mounted



CAV15-D
 Side View



Dimensions	
Diameter (D)	4 3/4" (120mm)
Height (A)	4 3/8" (117mm)

Pemco's CAV15-D Deck/Wall mount luminaries provide full cutoff lighting for outdoor path, walkways and landscape areas using wide spread optics designed to replace outdated Halogen and Compact Fluorescent lighting systems. When mounted on walls between 8 to 20 feet the CAV15-D fixture provides accent wall wash pattern illumination. These fixtures are ideal for landscaped areas at retail centers, restaurants, hotels, schools and universities, office buildings and medical facilities.

Specifications and Features:

Housing:

Die Cast Aluminum Housing with 1/2" NPS Coin Plug on Bottom, Sealed Driver Compartment. 360° Distribution, or 120° or 180° Shield.

Listing & Ratings:

CSA: Listed for Wet Locations, ANSI/UL 1598, 8750; IP66 Sealed LED Compartment.

Finish:

Textured Architectural Bronze or Black Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

Lens:

Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens

Mounting Options:

Mount Over a 4" Recessed Outlet Box.

EasyLED LED:

Aluminum Boards

Wattage:

360° Arrays: 12w & 16.6w, System: 12.9w & 18.9w
 180° & 120° Arrays: 10w & 15.5w, System: 11.2w & 17w; (70w HID Equivalent)

Driver:

Electronic Driver, 120-277V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 2kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

Warranty:

5-Year Warranty for -40°C to +50°C Environment.

See Page 2 for Projected Lumen Maintenance Table.

Quick Ship option for
 Standard heights &
 colors only

Order Information Example:

CAV15DOQF1X17U4KCZ

Model	U	CCT	C	Color
CAV15DOQF1X12 =Deck/Wall Mount - 360°, 12w CAV15DOQF1X17 =Deck/Wall Mount - 360°, 17w CAV15DTQF1X10 =Deck/Wall Mount with 120° Shield, 10w CAV15DTQF1X16 =Deck/Wall Mount with 120° Shield, 16w CAV15DHQF1X10 =Deck/Wall Mount with 180° Shield, 10w CAV15DHQF1X16 =Deck/Wall Mount with 180° Shield, 16w	U =120-277V	3K =3000K 4K =4000K 5K =5000K	C =Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens	Z =Bronze B =Black C =Custom (Consult Factory)

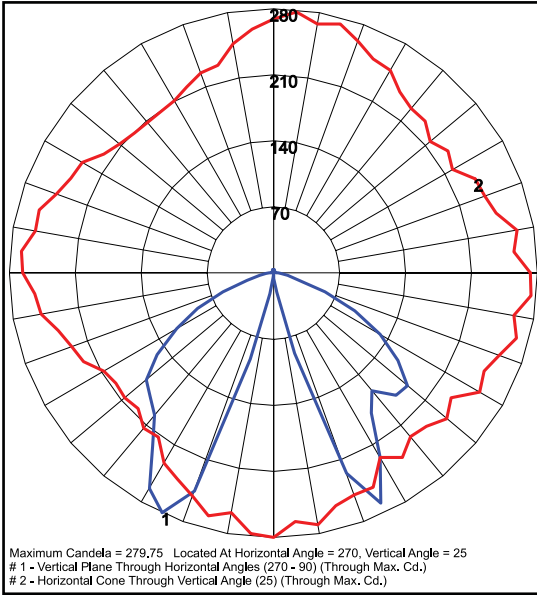




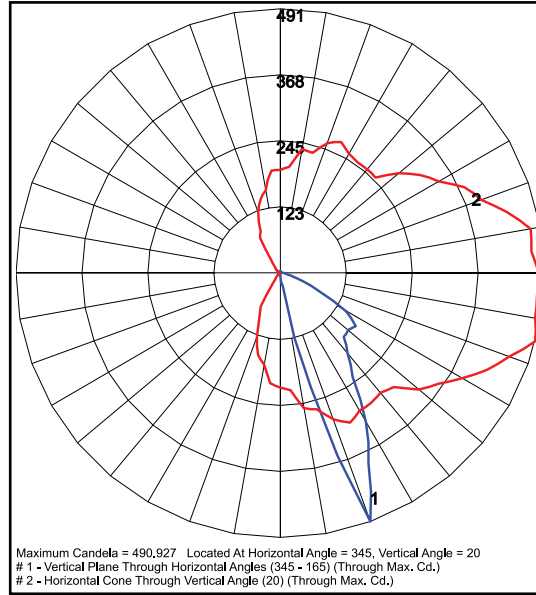
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Photometric Data



CAV15DOQF1X17U4KC
Clear Lens, Type V



CAV15DHQF1X16U4KC
Clear Lens, Type I

Photometric Performance

Optic	CCT	Wattage (Catalog Logic)	
		12W (1X12)	17W (1X17)
		Input Watts	12.9W 18.1W
360° CAV15D Models F=Type V Optic	3000K	Delivered Lumens	479 671
	4000K		520 728
	5000K		541 758
	BUG Rating		B0-U1-G0 B1-U2-G0

Optic	CCT	Wattage (Catalog Logic)	
		10W (1X10)	16W (1X16)
		Input Watts	11.2W 17W
180° CAV15D Models F=Type V Optic	3000K	Delivered Lumens	338 508
	4000K		352 528
	5000K		366 549
	BUG Rating		B0-U1-G0 B0-U1-G0

Projected Lumen Maintenance

Data shown for 4000 CCT		Compare to MH				
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated LED Life
L70 Lumen Maintenance @ 25°C / 77°F	All wattages up to and including 19w	1.00	0.95	0.90	0.80	147,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.89	0.78	0.55	67,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.92	0.85	0.70	66,000

NOTES:

- Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 525mA base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
- Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.