

AVALON

Wall Mounted Luminaire

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DESCRIPTION

The Avalon wall mount series is available in two sizes to satisfy a variety of building requirements. The cast aluminum housing with integrated slipfitter anchors stainless steel rods to support the flat spun aluminum shade and cast top cap, creating a classic appearance. The cylindrical clear acrylic lens extends through the shade forming an aperture to subtly highlight the luminaire night form. External louvers mimic the shade profile, while functioning to reduce brightness. Optional internal louvers for symmetrical or asymmetrical distributions provide added light control. Steel mounting brackets are cleanly detailed and hot-dip galvanized prior to being finished in high quality paint. All hardware is stainless steel.



PROTECTED BY
PRIMAR®



Date: _____ Type: _____ Catalog Number: _____

Project Name: _____

ORDERING INFORMATION

LUMINAIRE					
MODEL	CCT	CONTROL	VOLTAGE	FINISH (Primar®)	OPTION
AV650W Avalon 650	30K 3000K	ON-OFF On-Off	UNV 120-277V	DG Dark Grey	HSS House Side Shield
AV800W Avalon 800	40K 4000K	DIM 0-10v Dimming		GG Graphite Grey	TVSS20 20KV Surge Suppressor
				SG Silver Grey	
				BL Black	
				DB Dark Bronze	
				CC Custom RAL Color	

Custom options are available; consult factory via phone at (864) 487-3535 ext. 258 or via email at DesignServices@EXP-Brands.com.

SPECIFICATIONS

HOUSING

Cylindrical post top luminaire consists of roof, shade, and external louvers with matching profiles. Four stainless steel upper support rods separate the heavy-duty cast aluminum roof and spun aluminum shade, forming an aperture at the top of the luminaire. Machined lower rods support the shade and retain three spun aluminum external louvers midway along its length. Shade and louvers shall be free from burrs and sharp edges. Heavy-duty cast aluminum base with integral slip fitter anchors the support rods, and is machined to include groove for gasketing and mounting surface for the lens and ballast enclosure. Roof and base are gasketed to provide a weather-tight seal to the clear acrylic cylindrical lens. Luminaire slip fits 3" O.D. tenon, and has built-in stop to limit insertion depth to 3" (650W Model) or 3.5" (800W Model). Two offset rows of three 10mm recessed setscrews secure the luminaire to the pole. All hardware is stainless steel.

OPTICS

LED light engine consists of a vertically oriented optical quality acrylic rod capped with a reflective element to redirect light outward. The acrylic rod channels light from the single CoB LED and redirects it outward to provide effective horizontal and vertical illumination. Light shaping diffusing film on the inside of the main luminaire lens controls and shapes light distribution for optimal performance while minimizing brightness. Thermal management is provided via heat sinking and convective cooling within the sealed system.

ELECTRICAL

Electrical components are mounted in a white conical enclosure at the base of the luminaire. Electronic LED driver supplies 700mA drive current to the LED. The driver has a universal input voltage range from 120v to 277v at 50/60Hz. Driver is high power factor with performance greater than 90%. Power consumption is 24 watts (Avalon 650W) or 36 watts (Avalon 800W). Optional 0-10v dimming available on request.

LED DELIVERED LUMENS / WATTS / BUG RATING

Avalon 650W

3000K: 4202 Lumens / 24 Watts / B1-U4-G3

4000K: 4311 Lumens / 24 Watts / B2-U4-G3

Avalon 800W

3000K: 5603 Lumens / 36 Watts / B1-U3-G2

4000K: 5748 Lumens / 36 Watts / B1-U3-G2

NOTE : Due to rapid and continuous advances in LED technology, LED luminaire data is subject to change without notice and at the discretion of HessAmerica. Consult factory for current technical data.

MOUNTING

Fabricated steel bracket assembly mounts over junction box and is secured to the wall in four places by customer-supplied hardware. Two parallel square tubes with 3" O.D. tenon are welded to the 0.24" thick mounting plate. Mounting bracket is hot-dip galvanized with coating inside and out, then lightly sanded prior to painting. Bracket assembly ships prewired with fishtape.

FINISH

Housing is cleaned ultrasonically prior to painting. Standard Primar® finishes are finely textured dark grey, graphite grey, silver grey, black, and dark bronze. Special RAL colors available on request.

WEIGHT

29 Pounds

EPA

1.9 Square Feet

INGRESS PROTECTION

IP54

CERTIFICATION

UL Listed for Wet Locations

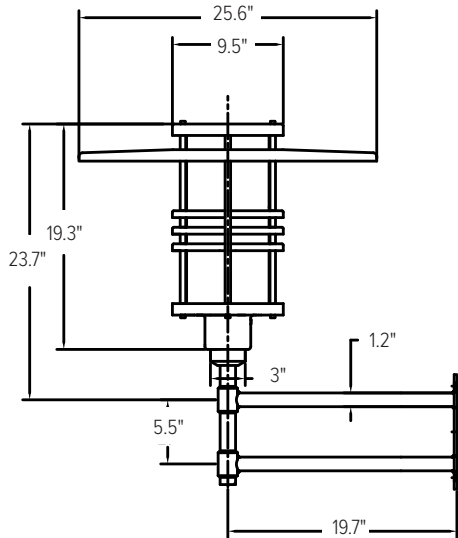
WARRANTY

Limited product warranty period including the LEDs is five years. Driver shall carry the manufacturer's limited warranty.

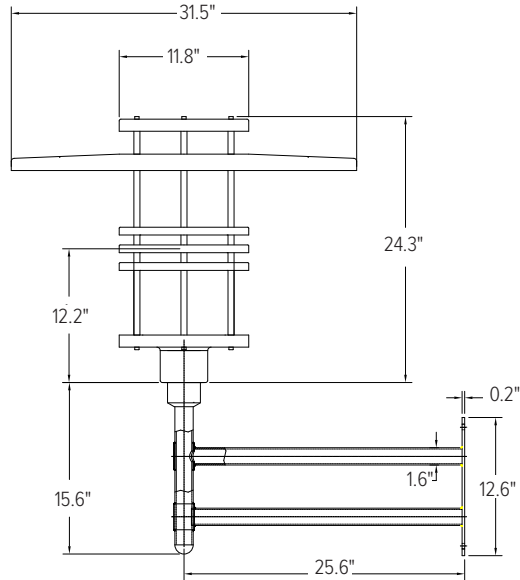
DIMENSIONS

All dimensions are shown in inches unless otherwise noted.

AV650W

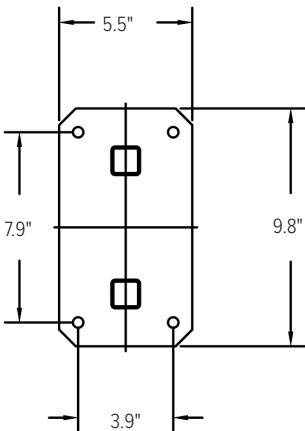


AV800W

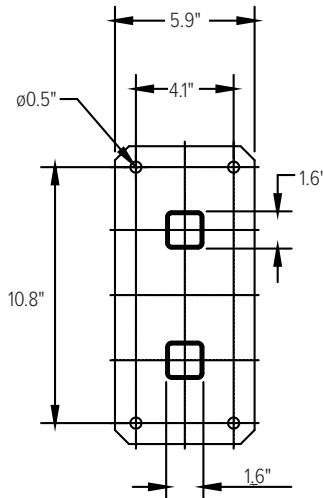


MOUNTING DETAILS

AV650W



AV800W



CUSTOMIZE YOUR EXPERIENCE.

At Experience Brands, we believe every space deserves unique lighting elements. We proudly specialize in crafting solutions that reflect your personal vision. Our expert team is here to collaborate with you to design and implement customized features that elevate your environment.

Ready to Get Started? Email us at: DesignServices@exp-brands.com