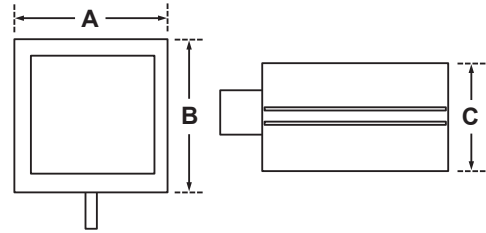


# American eHID

Project Name	Type
Catalog Number	

## Dimensional Drawings



Fixture	A	B	C	Stripe	Max. Watts	Lbs
AME-1	14"	14"	10"	2"	90 W	20
AME-2	19"	19"	12"	2"	315 W	30

The **American eHID** features our patented Vision™ Reflector System – the most advanced in the market. This flat lens, vertical lamp, IES full cutoff luminaire is Dark-Sky certified to restrict light trespass, glare and light pollution for neighborhood-friendly lighting. Convex glass lens available, when required.

Computerized precision machinery and quality materials ensure manufacturing to the highest industry standards. The clean, compact housing style features a decorative reveal in complementary or contrasting colors.

**American eHID** is offered in two sizes, and four distribution patterns. Our patented reflectors distribute light so effectively

that fixtures and poles can be spaced farther apart – reducing the number of luminaires required, and resulting in substantial installation, equipment and energy cost savings.

Available in 60 through 315 watts, the **American eHID** features CosmoPolis™ or MasterColor CDM Elite pulse start lamps. Their small lamp sizes increase placement options within the reflector; minimizing the need for light shields. They also offer increased efficiency, lumen maintenance, lamp life and CRI (90). Both systems feature dedicated electronic ballasts for quiet performance and lower wattage requirements than magnetic ballasts.

**American eHID** is a proven performer for shopping centers, parking lots and general area lighting.

Model	Optics	Wattage	Source	Kelvin	Voltage	Mounting	Finish/Stripe	Options	
AME-1 Flat Glass Only	Type II (T2)	60 (60) 90 (90)	CosmoPolis™ (CPO)	2800 (28K)	120 (1)	Bolt-On Arm 6" (BOA6)	Bronze (BZ)	Photocell & Receptacle *Specify voltage (PCR120) (PCR208) (PCR240) (PCR277) Photo Receptacle *With shorting cap (PER) Button Type Photocell *Specify voltage (PC120) (PC208) (PC240) (PC277)	
	Type III (T3)	347* (8) 480* (5)			208-277 (UNV)				Black (BK) White (WH) Forest Green (FG) Grey (GY) Silver Metallic (SL) Custom Color (CC)
	Type IV (T4)	140 (140)			347* (8) 480* (5)				
Type V (T5)	210 (210) 315 (315)	120 (1)	Bolt-On Arm 10" (BOA10) *Supplied for all AME sizes with D90, T90 & Quad Mounting Spider Mount (SM) *Fits 2 3/4" O.D. Wall Mount (WM) *Cast Wall Plate (BAWP) to be ordered separately. Standard length for WM bolt-on arm is 6".	Grey (GY) Silver Metallic (SL) Custom Color (CC)	Fusing *Specify voltage Single in-line fuse (SF120) (SF277) House Side Light Shield (LS) Internal Light Shield *AME-2 only (ILS) Convex Glass Lens *AME-2 only (VLCG) Round Pole Plate Adaptor (RPP) Cast Wall Plate (BAWP)				
AME-2 Flat Glass (Convex Glass Optional)	Type IV (T4) Type V (T5)	60 (60) 90 (90) 140 (140) 210 (210) 315 (315)	CosmoPolis™ (CPO) Elite (CDM)	2800 (28K) 3000 (3K) 4200 (42K)	120 (1) 200-277 (UNV) 347* (8) 480* (5)	Bolt-On Arm 6" (BOA6) Bolt-On Arm 10" (BOA10) *Supplied for all AME sizes with D90, T90 & Quad Mounting Spider Mount (SM) *Fits 2 3/4" O.D. Wall Mount (WM) *Cast Wall Plate (BAWP) to be ordered separately. Standard length for WM bolt-on arm is 6".	Forest Green (FG) Grey (GY) Silver Metallic (SL) Custom Color (CC)  Stripe Color Blue Metallic (94) Red Opaque (188) Silver Metallic (58) Gold Metallic (41) White Opaque (50) Black Metallic (60) Charcoal Metallic (20)	House Side Light Shield (LS) Internal Light Shield *AME-2 only (ILS) Convex Glass Lens *AME-2 only (VLCG) Round Pole Plate Adaptor (RPP) Cast Wall Plate (BAWP)	
			CPO - CosmoPolis™ Pulse Start CDM - MasterColor CDM Elite Pulse Start		*Includes step-down transformer.	AME-1 uses 4" tall arm. Round Pole Plate Adaptors (RPP) are to be ordered separately.			

For more detailed information on mounting, wiring or installation instructions, please consult factory. If poles are not ordered with fixtures, please specify mounting requirements. This document contains proprietary information of Visionaire Lighting, LLC. Any use of this information requires the written approval of Visionaire Lighting, LLC. In keeping with our TQM policy of continuous improvement, Visionaire reserves the right to change any specifications contained herein without prior notice.



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## Housing

- All housings are manufactured using technologically advanced computerized numerical control (CNC) machinery. Precision sheared and formed from one-piece, corrosion-resistant aluminum, with tooled external reveal.
- The computerized CNC machinery enables all American housings to be constructed quickly, efficiently and adhering to exacting ISO 9002 standards. All external hardware is stainless steel.

## Lens and Door Assembly

- Removable hinged door assembly is CNC precision, sheared and formed from one-piece, corrosion-resistant aluminum with captive stainless steel fasteners.
- The standard lens is a clear, tempered flat glass, secured by galvanized lens retainers, and sealed with silicone gasketing to provide complete weather and insect protection.
- Optional convex glass lens available for **AME-2**, when required.

## Vision™ Optical System

- Reflector is precision CNC cut and bent, multifaceted, segmented, highly efficient, 95% reflective aluminum. Available in four distribution patterns.
- Tool-less reflector entry.

## Quali-Guard® Finish

- The finish is Quali-Guard® textured, chemically pretreated through a multiple-stage washer, electrostatically applied, thermoset polyester powder coat finish, with a minimum of 3-5 millimeter thickness. Finish is oven-baked at 400 °F to promote maximum adherence and finish hardness. All finishes are available in standard and custom colors.
- Finish is guaranteed for two (2) years.

## Mounting

- A rounded extruded aluminum, Bolt-On Arm (BOA), with an in-pole nut plate, securing (2) ½-inch zinc running bolts with stainless steel hardware is standard. A Round Pole Plate Adaptor (RPP) is required for mounting to 3" - 5" round poles.

## Electrical Assembly



- Both systems feature dedicated electronic ballasts for quiet performance and more lumens per watt than standard magnetic ballasts.

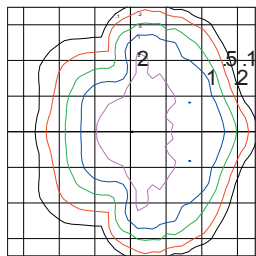
## Options

- Photocell & receptacle
- Photo receptacle
- Button type photocell
- Fusing
- House side light shield
- Internal light shield
- Convex glass lens
- Round pole plate adaptor
- Cast wall plate
- Color stripe

Please consult factory for custom options.

## Listings

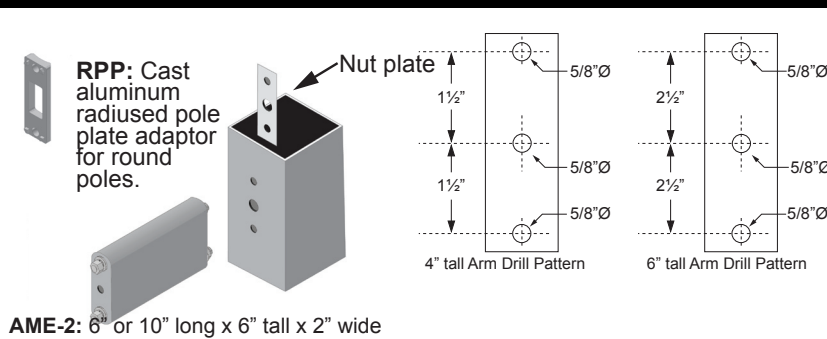
- **American eHID** is  listed, suitable for wet locations.
- Dark-Sky Friendly®, full cutoff certified by the International Dark-Sky Association (*flat lens models only*).
-  compliant.
- Vision™ Reflector System (U.S. Patent No. 7,213,948).



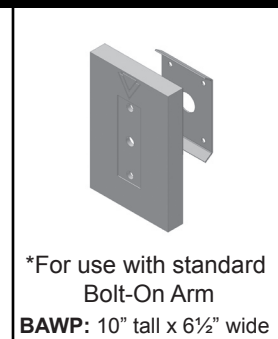
**AMERICAN-2 eHID ISOLUX CURVE**  
TYPE III  
ELITE OPTICS  
315 WATTS

Scale: 1 Square = 25 ft  
Light Loss Factor = 1.00  
Mounting Height = 25 ft  
Arrangement: Single

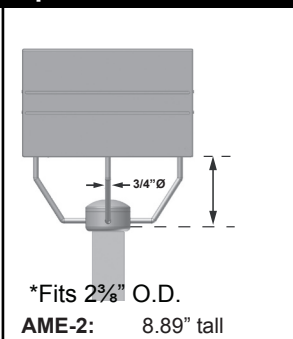
## Bolt-On Arm Detail










## Cast Wall Plate



## Spider Mount Detail



## EPA Data

Fixture with Arm							
							Spider Mount
AME-1	1.4	2.6	2.8	3.8	3.3	4.5	1.7
AME-2	2.2	4.0	4.4	6.0	5.1	7.1	2.6