
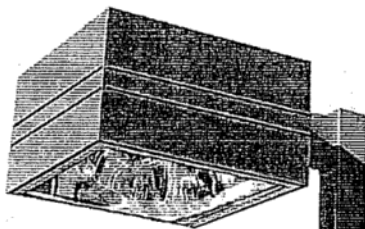


Submitting Agency:  Lighting Trends 865-523-8745	Description: AME-2-T5-250-P-6-BOA10-BZ-VLCG-DF Project: DEPT OF VETERAN AFFAIRS SITE LIGHTING 2009-865.3.0 Notes:	Type: SA
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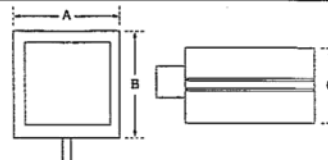
Project Name:	Type:
Catalog Number:	

American

AREA



Dimensional Drawings



Fixture	A	B	C	Stripe	Max. Watts	Lbs
AME-1	14"	14"	10"	2"	175w Flat Glass Only	35
AME-2	19"	19"	12"	2"	400w Flat Glass Only (Convex Optional)	50
AME-3	23"	23"	13"	2"	1000w Convex Glass Only	70
AME-4	23"	23"	15"	2"	1000w Flat Glass Only	75

The American series features the most advanced lighting reflector system available today. Vision™ is a patented, revolutionary reflector system unlike any other. The flat lens, vertical lamp, IES full cutoff luminaire is Dark Sky certified to restrict light trespass, glare and light pollution for neighborhood-friendly outdoor lighting. Convex glass lens is available when required.

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

American is offered in four enclosure sizes and five distribution patterns, including a special forward throw T4A reflector for auto dealership front line lighting. Vision™ Reflector System allows the use of fewer fixtures and poles with wider spacings, providing substantial equipment, installation and energy cost savings.

American is a proven performer for auto dealerships, shopping centers, parking lots, and general area lighting. A wide selection of light sources from 100 through 1000 watts are offered in Metal Halide, High Pressure Sodium and Pulse Start Metal Halide lamp which provides excellent efficiency, lumen maintenance and color.

Model	Optics	Wattage	Source	Voltage	Mounting	Finish/Stripe	Options
AME-1 Flat Glass	Type II (T2)	100 (100) 150 (150) 175 (175)	PS, HPS PS, HPS (P) (S)	120 (1) 208 (2)	Bolt-On Arm 6" (BOA6)	Bronze (BZ) Black (BK)	Photocell & Receptacle Specify voltage (PCR120) (PCR208) (PCR240) (PCR277) (PCR480)
AME-2 Flat Glass (Convex Glass Optional)	Type III (T3)	250 (250) 320 (320) 400 (400)	PS, HPS PS (P) (S)	240 (3) 277 (4)	Bolt-On Arm 10" (BOA10) *Supplied for all AME sizes with D90, T50 & Quad Mounting	White (WH) Forest Green (GN) Grey (GY)	Photo Receptacle (PER) With shunting cap Button Type Photocell Specify voltage (PC120) (PC208) (PC240) (PC277)
AME-3 Convex Glass	Type IV (T4)	400 (400) 750 (750) 1000 (1000)	PS, HPS PS (M) (P) (S)	480 (5) M-Tap (6) *High trip ballast wired at 277v unless specified	Spider Mount (SM) *Fits 2 1/4" x 3" O.D.	Silver Metallic (SL) Custom Color (CC)	Quartz Restrike (QR) DF → Fusing *Specify voltage Single in-line fuse (SF120) (SF277) Double in-line fuse (DF208) (DF240)
AME-4 Flat Glass	Type IV-A (T4A) *Not available for AME-1 & 2	750 (750) 1000 (1000)	MH, PS (M) (P) (S)	347 (8)	Wall Mount (WM) *Cast Wall Plate (BAWP) to be ordered separately. Standard length for Wall bolt-on arm is 6".	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) Light Trespass Eliminator *Internal light shield; AME-2 & AME-4 only (LTE) Convex Glass Lens *Option available on AME-2 only (VLCG) Round Pole Plate Adaptor (RPP) Cast Wall Plate (BAWP)
	Type V (T5)		PS (M) (P) (S) *Consult factory for induction		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. Note that if poles are not covered what follows, please specify the 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.



19645 Rancho Way • Rancho Dominguez, CA • 90220
Tel: (310) 512-6480 • Fax: (310) 512-6485
www.visionairelighting.com

Submitting Agency:



Lighting Trends
865-523-8745

Description: **AME-2-T5-250-P-6-BOA10-BZ-VLCG-DF**
Project: DEPT OF VETERAN AFFAIRS SITE LIGHTING 2009-865.3.0
Notes:

Type:

SA

American

AREA

usi

- All housings are manufactured using technologically advanced computerized numerical control (CNC) machinery. Precision sheared and formed from one piece, corrosion resistant aluminum, with tooling 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.

Le s a r Asse b

- 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.
- An optional convex glass lens is available when required for AME-2; convex lens is standard on AME-3.

isi pti a S ste

- Reflector is precision CNC cut and bent, multi-faceted, segmented, highly efficient, 95% reflective aluminum. Available in five distribution patterns.
- T4A automotive reflector is field rotatable.
- Tool-less reflector entry.

ua i- uar Fi is

- 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 degrees Fahrenheit to promote maximum adherence and finish hardness. All finishes are available in standard and custom colors.
- Finish is guaranteed for two (2) years.

M u li

- A rounded extruded aluminum, bolt-on-arm (BOA), with an in-pole nut plate, securing (2) 1/2 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.

E e tri a Asse b

- All ballasts are premium grade CWA or HPF regulating auto transformers. Ballast is capable of providing consistent lamp starting down to -20 degrees Fahrenheit. Available in:

- Metal Halide (MH)
- Pulse Start Metal Halide (PS)
- High Pressure Sodium (HPS)
- Induction (IND)

- Socket is glazed porcelain medium or mogul base with nickel plated contacts, rated at 4KV (5KV for 1000 watt) and 600V.

pti s

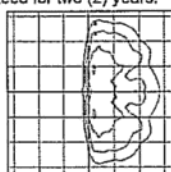
- Twistlock photocell & receptacle
- Buttontype photocell
- Convex glass lens
- Round pole plate adaptor
- Internal light trespass eliminator
- Fusing
- House side light shield
- Quartz restrike
- Color stripe

Please consult factory for custom options.

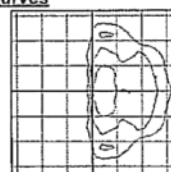
Listi s

- American is listed, suitable for wet locations.
- Dark Sky Friendly certified by the International Dark Sky Association (flat lens models only).

Isolux Curves



Size Two
Type III 400w
PS VLFG
with LTE
33ft Mounting Height
1 Block=33ft

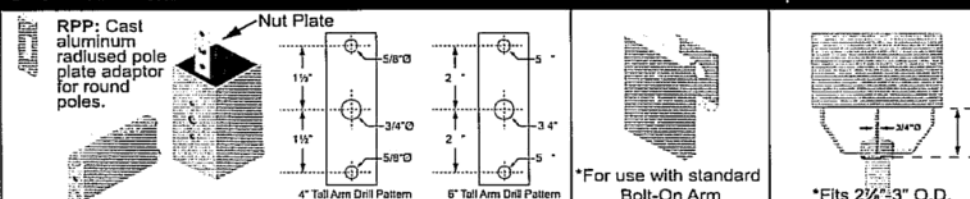


Size Two
Type IV 400w
PS VLFG
with LTE
33ft Mounting Height
1 Block=33ft

B t- -Ar etal

Cast Wa ate

Spi er M u t etal



AME-1: 6" or 10" Long x 4" Tall x 2" Wide
AME-2, 3, & 4: 6" or 10" Long x 6" Tall x 2" Wide

BAWP:
10" Tall x 6 1/2" Wide


AME-1 & 2: 8.89" Tall
AME-3 & 4: 11.5" Tall

EPA Data

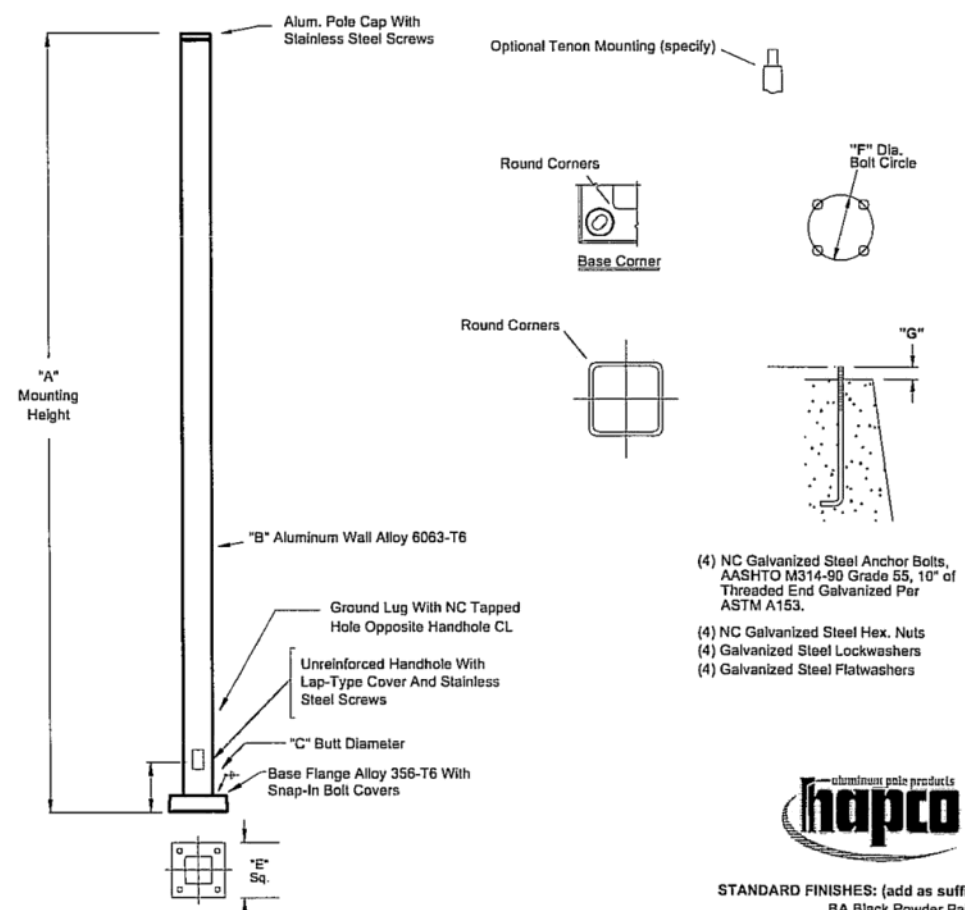
Fixture with Arm	1	2	3	4	5	6	Spider Mount
AME-1	1.4	2.6	2.8	3.8	3.3	4.5	1.7
AME-2	2.2	4.0	4.4	6.0	5.1	7.1	2.6
AME-3	3.2	5.8	6.4	8.7	7.4	10.2	3.7
AME-4	3.4	6.2	6.8	9.2	7.8	10.9	3.9

VISIONAIRE LIGHTING
Performance In A Whole New Light

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Tel: (310) 612-6480 • Fax: (310) 612-6480
www.visionairelighting.com

Submitting Agency:  Lighting Trends 865-523-8745	Description: SSA20D5--DRILLED FOR 1 FIXTURE--DARK BRONZE--DBL NUTS & WASHERS Project: DEPT OF VETERAN AFFAIRS SITE LIGHTING 2009-865.3.0 Notes:	Type: SA
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SSA20D5-4--**



Note:

1. Anchor bolt projection must be increased when leveling nuts are used.
2. Pole Cap, handhole cover, & associated hardware included in hardware pack ordered separately.
3. Anchor bolts ordered separately.
4. Full base cover is optional, order separately.
5. Do not install pole without luminaire.

Materials:

- (4) NC Galvanized Steel Anchor Bolts, AASHTO M314-90 Grade 55, 10" of Threaded End Galvanized Per ASTM A153.
- (4) NC Galvanized Steel Hex. Nuts
- (4) Galvanized Steel Lockwashers
- (4) Galvanized Steel Flatwashers


Standard Finishes: (add as suffix)

- BA Black Powder Paint
- BH White Powder Paint
- BM Bronze Powder Paint
- BV Dark Green Powder Paint
- 01 Satin

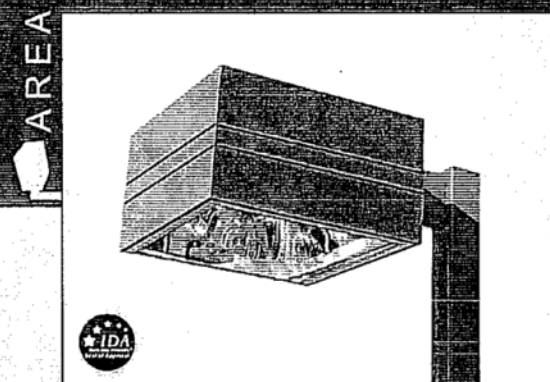
General Shaft Assembly	A Mtg Hgt	B Gauge	C Butt Dia.	D Top Dia.	E Base Dia.	F Bolt Circle	G Bolt Project	Net Weight	Lum Weight	Anchor Bolts	H Arm Length	Maximum EPA				
												70	80	90	100	110
SSA	20	.188	5	5	11.25	10.5 - 11.5	2	100	100	.75 x 30 x 3		15.1	10.2	6.9	4.5	2.8

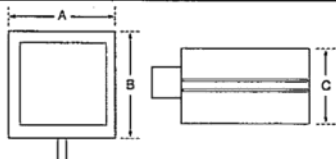
26252 Hillman Highway, Abingdon, VA 24210 Phone: 1-800-368-7171 Fax: 1-276-628-7707 Web: <http://www.hapco.com>

Your Name: <input style="width: 150px;" type="text"/>	Customer P.O. #: <input style="width: 150px;" type="text"/>	Date: <input style="width: 150px;" type="text" value="September 30, 2008"/>
Project Name: <input style="width: 150px;" type="text"/>	Finish: <input style="width: 150px;" type="text" value="**"/>	Quantity: <input style="width: 150px;" type="text"/>

Submitting Agency:  Lighting Trends 865-523-8745	Description: AME-2-T5-250-P-6-BOA10-BZ-VLCG-DF Project: DEPT OF VETERAN AFFAIRS SITE LIGHTING 2009-865.3.0 Notes:	Type: SB
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Project Name	Type
Catalog Number	



Dimensional Drawings						
						
Fixture	A	B	C	Stripe	Max. Watts	Lbs
AME-1	14"	14"	10"	2"	175w Flat Glass Only	35
AME-2	19"	19"	12"	2"	400w Flat Glass Only (Convex Optional)	50
AME-3	23"	23"	13"	2"	1000w Convex Glass Only	70
AME-4	23"	23"	15"	2"	1000w Flat Glass Only	75

The American series features the most advanced lighting reflector system available today. Vision™ is a patented, revolutionary reflector system unlike any other. The flat lens, vertical lamp, IES full cutoff luminaire is Dark Sky certified to restrict light trespass, glare and light pollution for neighborhood-friendly outdoor lighting. Convex glass lens is available when required.

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

American is offered in four enclosure sizes and five distribution patterns, including a special forward throw T4A reflector for auto dealership front line lighting. Vision™ Reflector System allows the use of fewer fixtures and poles with wider spacings, providing substantial equipment, installation and energy cost savings.

American is a proven performer for auto dealerships, shopping centers, parking lots, and general area lighting. A wide selection of light sources from 100 through 1000 watts are offered in Metal Halide, High Pressure Sodium and Pulse Start Metal Halide lamp which provides excellent efficiency, lumen maintenance and color.

Model	Optics	Wattage	Source	Voltage	Mounting	Finish/Stripe	Options
AME-1 Flat Glass	Type II (T2)	100 (100) 150 (150) 175 (175)	PS, HPS PS, HPS PS, HPS (P) (S)	120 (1) 208 (2)	Bolt-On Arm 6" (BOA6)	Bronze (BZ) Black (BK)	Photocell & Receptacle *Specify voltage (PCR120) (PCR208) (PCR240) (PCR277) (PCR480)
AME-2 Flat Glass (Convex Glass Optional)	Type III (T3)	250 (250) 320 (320) 400 (400)	PS, HPS PS PS (P) (S)	240 (3) 277 (4)	Bolt-On Arm 10" (BOA10) *Supply for AME sizes with D80, T80 & Quad Mounting	White (WH) Forest Green (GN) Grey (GY)	Photo Receptacle (PER) *With shunting cap Button Type Photocell *Specify voltage (PC120) (PC208) (PC240) (PC277)
AME-3 Convex Glass	Type IV (T4)	400 (400) 750 (750) 1000 (1000)	PS, HPS PS MH, PS (M) (P) (S)	480 (5) M-Tap (6)	Spider Mount (SM) *Fits 2 1/2"-3" O.D.	Silver Metallic (SL) Custom Color (CC)	Quartz Restrike (QR) Fusing *Specify voltage Single in-line fuse (SF120) (SF277) Double in-line fuse (DF208) (DF480)
AME-4 Flat Glass	Type IV-A (T4A) *Not available for AME-1 & 2	750 (750) 1000 (1000)	PS MH, PS, HPS (M) (P) (S)	347 (8)	Wall Mount (WM) *Cast Wall Plate (BAWP) to be ordered separately. Standard length for WM bolt-on arm is 5".	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) Light Trespass Eliminator *Internal light shield; AME-2 & AME-4 only (LTE) Convex Glass Lens *Option available on AME-2 only (VLCG) Round Pole Plate Adaptor (RPP) Cast Wall Plate (BAWP)
	Type V (T5)		MH - Metal Halide PS - Pulse Start Metal Halide HPS - High Pressure Sodium *Consult factory for Induction		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. Note that if poles are not ordered with fixtures, please specify the 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.

VISIONAIRE LIGHTING Performance In A Whole New Light	19645 Rancho Way • Rancho Dominguez, CA • 90220 Tel: (310) 512-6480 • Fax: (310) 512-6486 www.visionairelighting.com
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Submitting Agency:



Lighting Trends
865-523-8745

Description: AME-2-T5-250-P-6-BOA10-BZ-VLCG-DF
Project: DEPT OF VETERAN AFFAIRS SITE LIGHTING 2009-865.3.0
Notes:

Type:

SB

American

AREA

usi

- All housings are manufactured using technologically advanced computerized numerical control (CNC) machinery. Precision sheared and formed from one piece, corrosion resistant aluminum, with tool 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.

Le s a r Asse b

- 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.
- An optional convex glass lens is available when required for AME-2; convex lens is standard on AME-3.

isi pti a S ste

- Reflector is precision CNC cut and bent, multi-faceted, segmented, highly efficient, 95% reflective aluminum. Available in five distribution patterns.
- T4A automotive reflector is field rotatable.
- Tool-less reflector entry.

ua i- uar Fi is

- The finish is Quall-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 degrees Fahrenheit to promote maximum adherence and finish hardness. All finishes are available in standard and custom colors.
- Finish is guaranteed for two (2) years.

M u li

- A rounded extruded aluminum, bolt-on-arm (BOA), with an in-pole nut plate, securing (2) 1/2 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.

E e tri a Asse b

- All ballasts are premium grade CWA or HPF regulating auto transformers. Ballast is capable of providing consistent lamp starting down to -20 degrees Fahrenheit. Available in:

- Metal Halide (MH)
- Pulse Start Metal Halide (PS)
- High Pressure Sodium (HPS)
- Induction (IND)

- Socket is glazed porcelain medium or mogul base with nickel plated contacts, rated at 4KV (5KV for 1000 watt) and 600V.

pti s

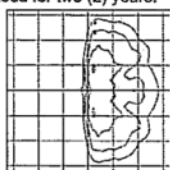
- Twistlock photocell & receptacle
- Buttontype photocell
- Convex glass lens
- Round pole plate adaptor
- Internal light trespass eliminator
- Fusing
- House side light shield
- Quartz restrike
- Color stripe

Please consult factory for custom options.

Listi s

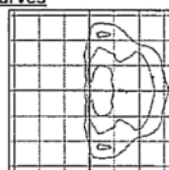
- American is listed, suitable for wet locations.
- Dark Sky Friendly certified by the International Dark Sky Association (flat lens models only).

Isolux Curves



Size Two

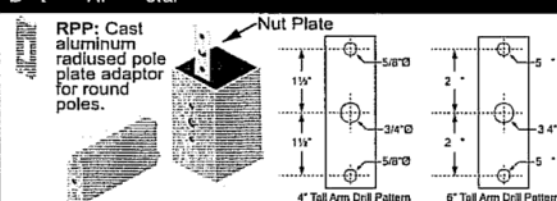
Type III 400w
PS VLFG
with LTE
33ft Mounting Height
1 Block=33ft



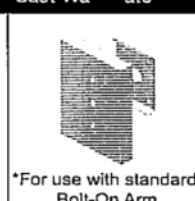
Size Two

Type IV 400w
PS VLFG
with LTE
33ft Mounting Height
1 Block=33ft

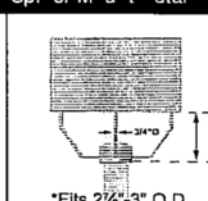
B t- -Ar etal



Cast Wa ate



Spier M u t etal



AME-1: 6" or 10" Long x 4" Tall x 2" Wide
AME-2, 3, & 4: 6" or 10" Long x 6" Tall x 2" Wide

BAWP:
10" Tall x 6 1/2" Wide


AME-1 & 2: 8.89" Tall
AME-3 & 4: 11.5" Tall

EPA Data

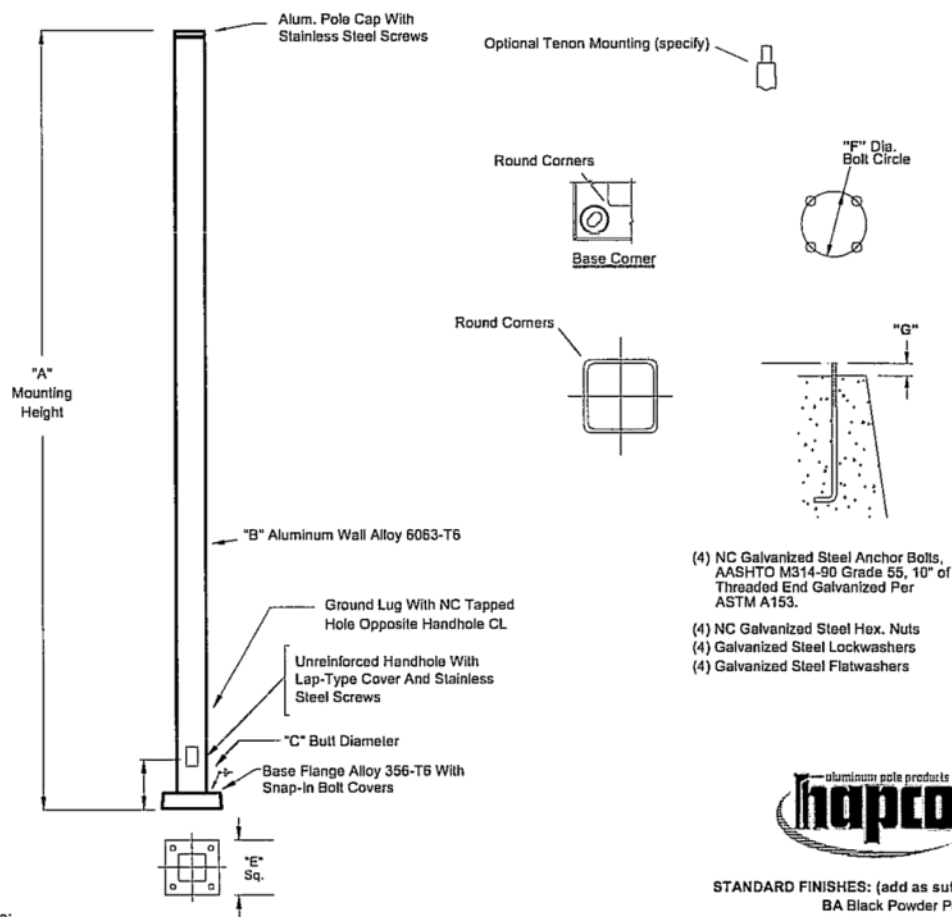
Fixture with Arm	AME-1	AME-2	AME-3	AME-4	AME-1 & 2	AME-3 & 4	Spider Mount
AME-1	1.4	2.6	2.8	3.8	3.3	4.5	1.7
AME-2	2.2	4.0	4.4	6.0	5.1	7.1	2.6
AME-3	3.2	5.8	6.4	8.7	7.4	10.2	3.7
AME-4	3.4	6.2	6.8	9.2	7.8	10.9	3.9

VISIONAIRE LIGHTING
Performance in A Whole New Light

19645 Rancho Way • Rancho Dominguez, CA 90220
Tel: (310) 612-0480 • Fax: (310) 612-0486
www.visionairelighting.com

Submitting Agency:  Lighting Trends 865-523-8745	Description: SSA20D5--DRILLED FOR 2 FIXTURES @ 180--DARK BRONZE--DBL NUTS & WASHERS Project: DEPT OF VETERAN AFFAIRS SITE LIGHTING 2009-865.3.0 Notes:	Type: SB
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SSA20D5-4--**



- Note:
1. Anchor bolt projection must be increased when leveling nuts are used.
 2. Pole Cap, handhole cover, & associated hardware included in hardware pack ordered separately.
 3. Anchor bolts ordered separately.
 4. Full base cover is optional, order separately.
 5. Do not install pole without luminaire.



STANDARD FINISHES: (add as suffix)
 BA Black Powder Paint
 BH White Powder Paint
 BM Bronze Powder Paint
 BV Dark Green Powder Paint
 01 Satin

General Shaft Assembly	A Mtg Hgt	B Gauge	C Bolt Dia.	D Top Dia.	E Base Dia.	F Bolt Circle	G Bolt Project	Net Weight	Lum Weight	Anchor Bolts	H Arm Length	Maximum EPA				
												70	80	90	100	110
SSA	20	.188	5	5	11.25	10.5 - 11.5	2	100	100	.75 x 30 x 3		15.1	10.2	6.9	4.5	2.8

26252 Hillman Highway, Abingdon, VA 24210 Phone: 1-800-368-7171 Fax: 1-276-628-7707 Web: <http://www.hapco.com>

Your Name:	<input type="text"/>	Customer P.O. #:	<input type="text"/>	Date:	<input type="text" value="September 30, 2008"/>
Project Name:	<input type="text"/>	Finish:	<input type="text" value="**"/>	Quantity:	<input type="text"/>