

Arm Mount Colonial

AMC LED Decorative Series



Timeless Design for Today

Combining timeless heritage styling with today's modern performance, the Arm Mount Colonial Series by LEOTEK captures a familiar look and feel in a design solution with the modern performance and quality you demand.

The first 4-sided colonial style gas lanterns became widely popular across many local municipalities in the early 1800s and remain widely popular still to this day. LEOTEK's AMC Series captures the timeless elegance of these traditional colonial lanterns, reimagined for the demands of the modern era.

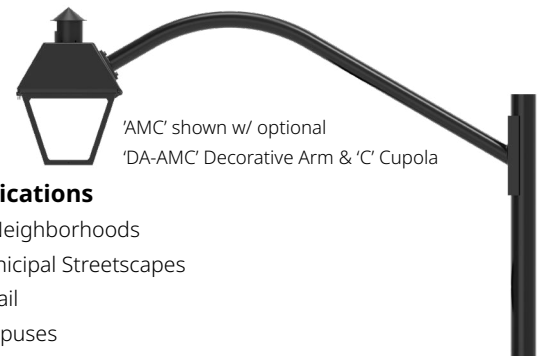
Its familiar look and feel seamlessly fit within today's evolving urban and residential environments, while delivering premium performance and exceptional reliability. The result is years of near maintenance-free operation, helping ensure streets and neighborhoods are beautifully and safely illuminated for all.

We've come a long way from lighting each lantern by hand every night. Our LEOLink ILS™ Intelligent Lighting System represents the next evolution in urban lighting, integrating AI and IoT to transform traditional infrastructure into a smart, adaptive network. It empowers cities, municipalities and neighborhoods with real-time control, predictive maintenance, and rapid scalability...all with unmatched simplicity.

The AMC is the perfect marriage of 'old-world' charm with 'new-world' engineering.

Key Features, Details & Specs

- 3,037 to 13,256 lumens w/ efficacies up to 156+ LPW
- True 70-175W+ watt HID replacement (70%+ energy savings)
- Tool-free electrical access for ease of installation & maintenance
- Five-foot long decorative arm options available (with or without decorative scroll)
- Performance Selector option for field adjustment of wattage & lumens
- LEOLink ILS™ Intelligent Lighting System & wireless 'NB01P' smart controller options
- 2700K, 3000K, 4000K & 5000K CCT options (70CRI & 80CRI available)
- LED optical assembly is rated IP66
- 10kV integral surge standard, 20kV extreme surge option available
- 50°C (122°F) high-ambient rating is standard
- 5,000-hour salt spray finish standard (coastal finish available)
- 3G vibration rated suitable for high winds, overpasses, bridges, etc.
- Tested before & after rigorous 2-hour burn-in cycle
- Assembled in the USA at LEOTEK's San Jose, CA facility



Typical Applications

- Residential Neighborhoods
- Urban & Municipal Streetscapes
- Outdoor Retail
- Parks & Campuses

Integral Tool-Free Access Design

Tool-free electrical access w/ fixed open door prop & integral kickstand design for hassle free ease of installation or maintenance (compatible w/ most lineman safety gloves)



LEOLink ILS™ Intelligent Lighting System & Performance Selector 'PS' Control Options Available

'NB01P' wireless 7-PIN Smart Controller and RenAI CMS empowers end users w/ real-time control, predictive maintenance & unmatched simplicity (please refer to our website for complete LEOLink ILS™ system details)

'PS' allows for quick & easy field adjustment of wattage and lumen output (fixed position dial ensures correct output setting)



Decorative Arm Options Available

Two 5' decorative arm options are available to choose from, with or without decorative 'scroll' detail (please confirm installation/retrofit compatibility if arms are provided 'by others')



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Ordering Information

Sample Catalog No. AMC-36A-MV-30K7-TA-T5-BK-P7-SAM-PCR7CR-PS-C-SP2-WL1

* 'AMC' shown w/ additional product options

Product	LED Code	Voltage	Color Temp CRI	Side Panels	Optical Distribution	Finish*	Performance Code	Mounting Configuration
AMC Arm Mount Colonial	36A 36 LEDs Gen-A	MV 120-277V HV 347-480V	27K7 2700K, 70CRI 30K7 3000K, 70CRI 40K7 4000K, 70CRI 50K7 5000K, 70CRI 30K8¹ 3000K, 80CRI 40K8¹ 4000K, 80CRI 50K8¹ 5000K, 80CRI	N No Panels T Textured Poly TA Textured Acrylic SPL Single-Piece 4-sided Textured Acrylic Lens	NR Narrow Roadway MR Medium Roadway WR Wide Roadway T2R Type-2 (regular) T2F Type-2 (forward) T3R Type-3 (regular) T3F Type-3 (forward) T4R Type-4 (regular) T4F Type-4 (forward) T5 Type-5 ORR Optics Rotated Right ORL Optics Rotated Left	BK Black DB1 Dark Bronze (RAL8019) WH White GY Gray CF Coastal Finish *Consult factory for custom finish options, pricing & leadtimes.	P1 P2 P3 P4 P5 P6 P7 P8 P9 P10	SAM Side Arm Mount

Driver* & Control Options (*0-10V drivers are standard)			General Options		General Accessories*	
D4i^{2,5} TLR4^{2,3,5}	DALI D4i Driver DALI 4-PIN Twist Lock Receptacle		C⁸	Cupola (twistlock photocontrol compatible) (4.25" dia. x 5.3" H, 108mm x 135mm)	C-AMC⁸	Cupola (twistlock photocontrol compatible) (4.25" dia. x 5.3" H, 108mm x 135mm)
NB01P^{2,4,8} PCR7CR² SC LLPC⁵ PC	LEOLink 7-PIN Smart Controller (120-277V) ANSI 7-wire Control Ready Receptacle Shorting Cap (factory installed) Long Life NEMA Twist Lock Photocontrol Button-type Photocell		SP2⁹ LSSP2	20kV/10kA Extreme Surge, Fail-to-On 20kV/10kA Extreme Surge, Fail-to-Off	DSA-AMC¹⁰ DA-AMC¹⁰	Decorative Scroll Arm (5-foot) Decorative Arm Without Scroll (5-foot)
PS⁶ PND1⁷ PND2⁷ PND3⁷	Field Adjustable Performance Selector Part Night Dimming V1 Part Night Dimming V2 Part Night Dimming V3		WL WL1	Wattage Label, ANSI C136.15-2015 compliant Wattage Label, ANSI C136.15-2020 compliant	BLS-AMC FSS-AMC CSS-AMC	Enhanced Backlight Shield Front Side Shield Cul-de-sac Shield
			BLS FSS CSS	Enhanced Back Light Shield (factory installed) Front Side Shield (factory installed) Cul-de-sac Shield (factory installed)	Controls Accessories	
					NB01PSS¹¹ LLPCM¹¹ LLPCHV	NB01P Ships Separately Long Life Photocontrol MV Long Life Photocontrol HV

- 80CRI option only available in 3000K, 4000K & 5000K CCTs and may have longer leadtimes (contact factory for details).
- For full 100% D4i DALI functionality a 'PCR7CR', 'TLR4U' or 'TLR4L' must be selected w/ 'D4i' DALI driver option. DALI compatible node or sensor (by others).
- 'TLR4' twist lock receptacle option requires 'D4i' driver option to be selected.
- 'NB01P' requires 'PCR7CR' option, only available in 'MV' 120-277V (contact factory for 'HV' 347-480V availability). 'NB01P' is a cellular based NEMA 7-PIN Smart Controller, 10-YR data (200MB), RenAI subscription included.
- 'LLPC' requires 'PCR7CR' option to be selected (does not ship installed, included w/ luminaire).
- 'PS' Performance Selector enables field adjustable light output dimming control from the specified Performance Code, not compatible with DALI driver option (complete 'AMC' spec sheet for complete details).
- 'PND' options only available w/ 'MV' 120-277V (contact factory for 'HV' 347-480V availability).
- Contact factory if 'C' Cupola option is required for use with 'NB01P' LEOLink 7-PIN Smart Controller.
- 10kV/5kA surge, fail-to-on is included standard ('SP1').
- 'DSA-AMC' Decorative Scroll Arm standard finish is black (must contact factory for additional colors).
- Denotes 'NB01P' Smart Controllers will ship bulk or master pack and ships separately from the luminaire.

Nominal Performance Data 4000K & 5000K

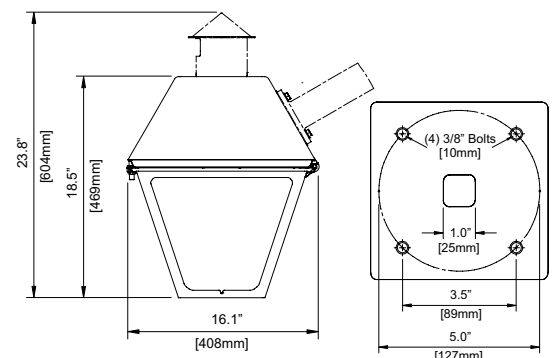
(IES Type-2R optic, No Panels, 70CRI, 25°C ambient)

Performance Code	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10
Lumens¹	3,511	4,517	5,508	6,490	7,746	8,861	10,090	10,991	12,166	13,025
System Wattage (W)	23	29	36	43	52	58	67	75	84	91
Efficacy (Lm/W)	153	156	153	151	149	153	151	147	145	143
HID Replacement	70W			100-150W			175W+			

1. Normal tolerance ± 10% due to factors including distribution type, LED bin variance, driver variance and ambient temperatures.

'AMC' Arm Mount Colonial Dimensions

Can install to our 'DSA-AMC' & 'DA-AMC' 5-foot long decorative arms
(or compatible decorative arms provided by others)



* Please refer to Arm Mount Colonial product specification sheets for additional ordering information & product details *