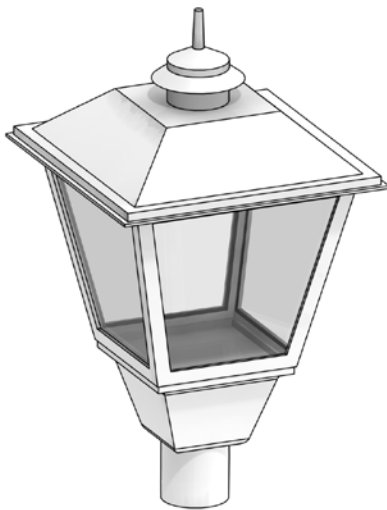


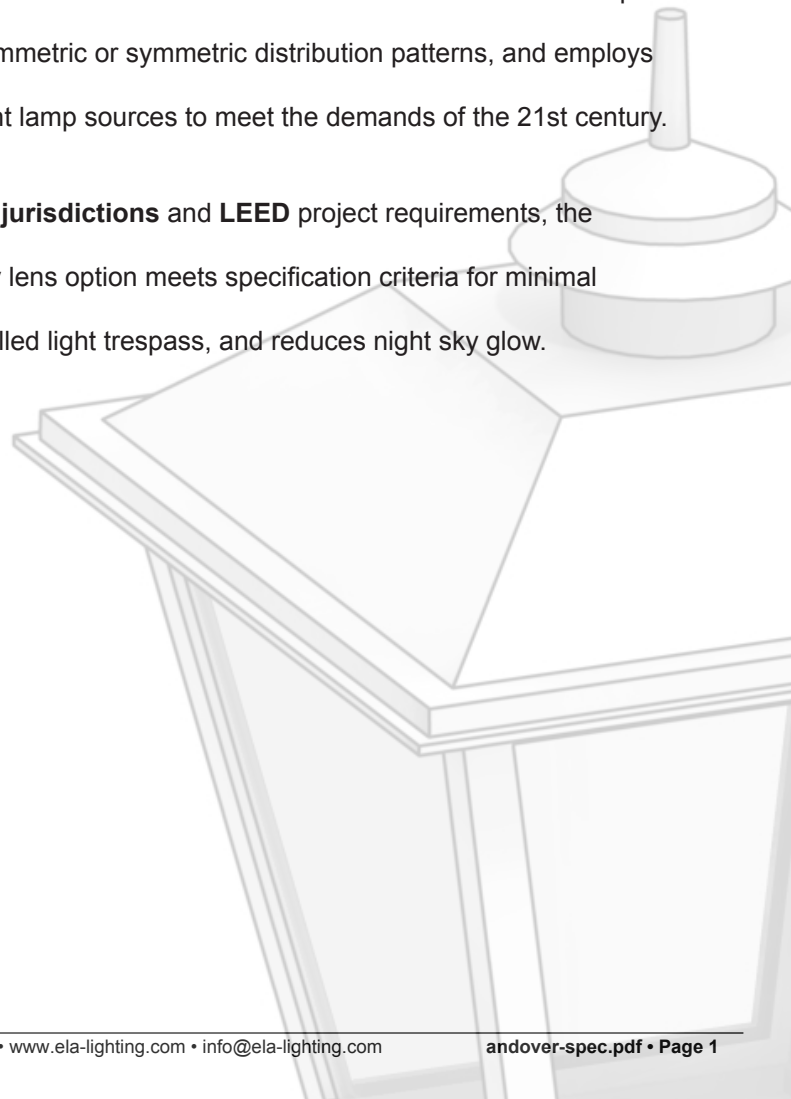
ANDOVER

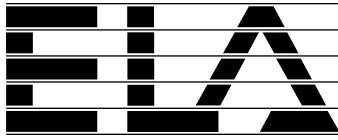


The **Colony Series** is an elegantly proportioned 4-sided traditional lantern that takes one's imagination back to the early days of the original 13 Colonies. The Series features a choice between four distinctive hood styles (**Andover, Bridgeport, Columbia or Delaware**), and three cage/mounting options for post top and multi-arm, pendant, and wall mount configurations.

ELA's Colony Series accommodates either a refractor or reflector optical system in asymmetric or symmetric distribution patterns, and employs energy efficient lamp sources to meet the demands of the 21st century.

For **Dark-Sky jurisdictions** and **LEED** project requirements, the **NEW** dark-sky lens option meets specification criteria for minimal uplight, controlled light trespass, and reduces night sky glow.

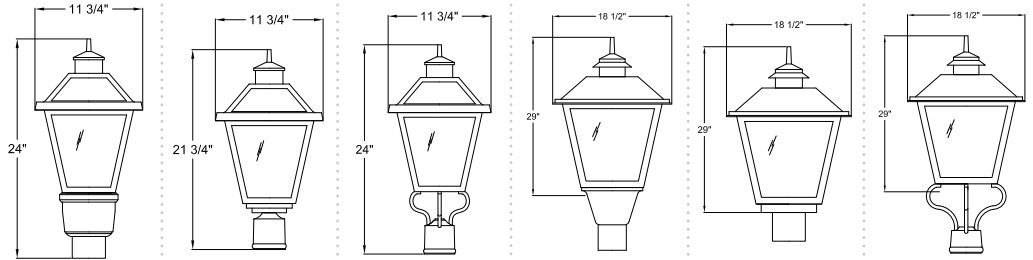




1	2	3	4	5	6	7	8	9
Fixture /	Size /	Mounting /	Optics /	Ballast /	Voltage /	Lens /	Color /	Option
AND /	18BH /	PT /	V5 /	100MH /	120 /	FG /	CL /	--

1. Fixture: AND

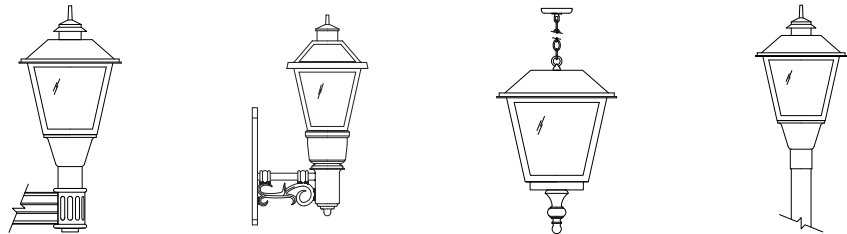
2. Size



Matrix #: 12BH	12ST	12CF	18BH	18ST	18CF
Description: Ballast Housing	Step Housing	Convex Fork	Ballast Housing	Step Housing	Convex Fork
Notes:	Max Wattage 150W			Max Wattage 250W	
EPA:	0.9			1.9	
Weight:	22lbs			32lbs	

NOTE: For Dark Sky options, consult factory.

3. Mounting

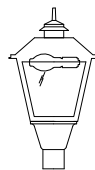


Matrix #: CA	WB	CP	PT
Description: Cross Arm	Wall Bracket	Chain Pendant	Post Top

NOTE:
1) For Poles, Wall Brackets and other mounting options, please consult factory.
2) When ordering Post Top and Convex, please specify fitter size.

4. Optics

Horizontal



Matrix #: H3
Description: TYPE 3



Matrix #: H5
Description: TYPE 5

Horizontal (Dark Skies)

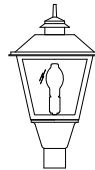


Matrix #: DS3
Description: TYPE 3



Matrix #: DS5
Description: TYPE 5

Vertical

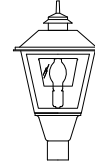


Matrix #: V3
Description: TYPE 3



Matrix #: V5
Description: TYPE 5

Vertical (Refractor)



Matrix #: VR3
Description: TYPE 3

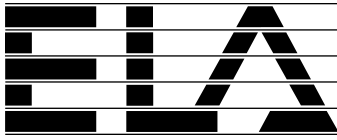


Matrix #: VR5
Description: TYPE 5

5. Ballast

Description: Metal Halide	Pulse Start Metal Halide	Incandescent	Compact Fluorescent	Induction Lamp	High Pressure Sodium
(Watts / Type)	(Watts / Type / Position)	(Watts / Type)	(Watts / Type)	(Watts / Type)	(Watts / Type)
Matrix #: T6 39MH	50PSMH (Universal)	INC	18CFL**	55IFL*	50HPS
T6 70MH	70PSMH (Universal)		26CFL**	85IFL*	70HPS
T6 150MH	100PSMH (Universal)		32CFL**	165IFL*	100HPS
	150PSMH (Universal)		42CFL**		150HPS
	175PSMH (Base Up) *		57CFL*		250HPS*
	200PSMH (ED17 Base Up, ED28 Vertical) *		60CFL*		310HPS*
	250PSMH (ED28 Universal) *				

Note:
1) Electronic ballast available for 50, 70, 100, 150, 200, and 250 watt MH lamps.
2) Other wattages available. Consult factory.
3) * For 18 Model only.
4) ** Fits 12 Model vertical only, fits 18 Model horizontal and vertical.

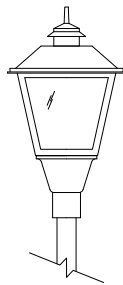


6. Voltage	Matrix #:	120	208	240	277	347	480		
	Description:	120V	208V	240V	277V	347V	480V		
7. Lens									
	Matrix #:	CG	CA	FG	FA	SG	SA	DSCG	DSFG
Note: For other lens options, consult factory.		Description: Clear Glass / Clear Acrylic		Description: Frosted Glass / Frosted Acrylic		Description: Seedy Glass / Seedy Acrylic		Description: Flat Tempered Clear Glass / Flat Tempered Frosted Glass	

8. Color	Powder Coat Finish				Hand-Applied Finish			
	Matrix #	Description	Matrix #	Description	Matrix #	Description	Matrix #	Description
AG Augustine Green		PW Pewter		CH Cracked Hide				
CL Clay		SS Sand Storm		LV Light Verde				
DB Dark Bronze		SB Statuary Bronze		OR Old Iron				
HP Hammered Pewter		VL Village Green		R Rust				
MG Malaga Green		W White		V Verde				
MN Midnight		CC Charcoal						
Note: For custom colors, consult factory.								

9. Options							
	Matrix #:	BBU	PCB	PCR	TB	HSS	CH
Description:		Battery Backup	Photocell Button	Photocell receptacle Twist Lock by others	Terminal Block	House Side Shield	Chimney
Note: 1) BBU option is available for fluorescent lamp only. 2) Test button location shall have visibility for testing on site. Consult factory of placement. Photocell Options: Photocell is available in 120 thru 480 volts. Photocell receptacle only fits some cross arms. Consult factory. Specify when ordering.							

Fixture Ordering Example:



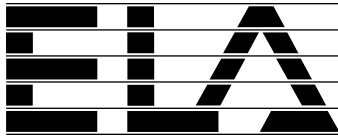
AND/18BH/PT/V5/100MH/120/FG/CL

1	2	3	4	5	6	7	8	9
Fixture	Size	Mounting	Optics	Ballast	Voltage	Lens	Color	Option
AND	18BH	PT	V5	100MH	120	FG	CL	-
Andover Fixture	18 Ballast housing	Post Top	Vertical Type 5	100 Watt Metal Halide	120 Volts	Frosted Glass	Clay	-

Fixture Ordering Form:

1	2	3	4	5	6	7	8	9	9	9
Fixture	Size	Mounting	Optics	Lamp	Voltage	Lens	Color	Option	Option	Option

1. AND / _____ / _____ / _____ / _____ / _____ / _____ / _____ / _____ / _____ / _____



Specifications

Fixture Housing: One-piece sand-cast. Housing shall be corrosion resistant cast aluminum alloy #A356. The housing shall be free of any foreign materials or cosmetic fillers. Standard fitters shall slip over 3" and 4" poles, for other options please consult factory. For wall and arm mounts, consult factory for installation.

Optics: Units shall be hydroformed or segmented sharp cut-off optics. Specular Alzak® optical segments are rigidly mounted within a sand-cast, low copper (<0.6% Cu) aluminum alloy enclosure. All sockets are factory prewired; an optional quick-disconnect plug for the ballast module is available when specified. The optical segments are positioned so that reflected light does not pass through the lamp arc tube to achieve maximum lamp output.

Electrical Module: All electrical components are UL and CSA recognized, mounted on a single plate and factory prewired.
Reference pages 6 and 7 for lamp characteristics, ballast types and voltage technical data.

Lens: Four side panels with stainless steel clips provided for attachment to the fixture. Glass shall be sealed in field by others. The Dark-Sky lens options shall be tempered glass, factory installed.

Finish/Color: Finish is Super TGIC thermoset polyester powder coat paint, 2.5 mil nominal thickness, applied over a titanated zirconium conversion coating; A.S.T.M. 2500 hour salt spray test endurance rating. ELA offers twelve standard colors. Custom powder coat and hand-applied colors are available.

Certification: Fixtures shall be listed for outdoor, wet location. UL1598. IP rating 66.

CAUTION: Fixtures must be grounded in accordance with national, state, and/or local codes. Failure to do so may result in serious personal injury.

ELA RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.

Elevated Scale

Suggested Poles and Arms
for the Andover Fixture



Fixture :	AND12	AND12	AND18	AND18	AND18		AND18	AND12	AND18
Arm :	BR26	--	--	CR4B	CR2A		--	--	BR7
Pole:		P3009A-8'	P3016A-10'	P3025D-16'	P3042B-16'		P3012A-12'	PM607	
Options :									

Note: Modifications to the fixture and additional pole heights are available