



Project Name:
Type:

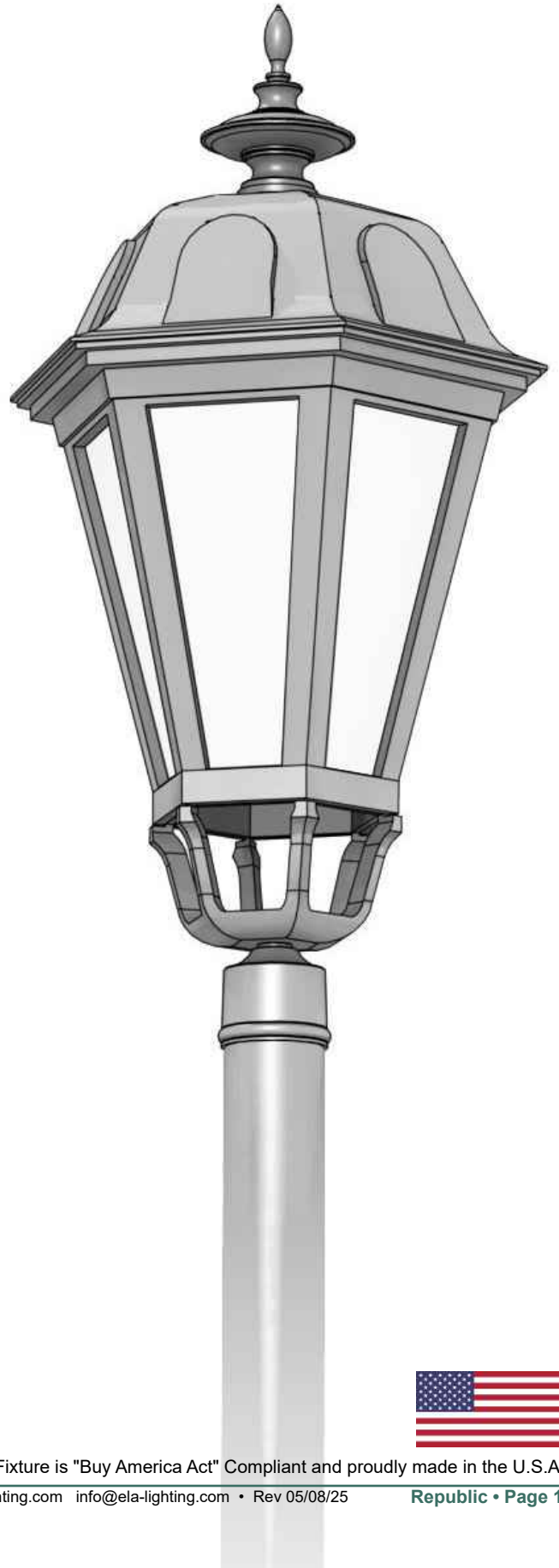
Environmental Lighting for Architecture, Inc.

Republic - REP

LED Ordering Matrix

Republic

The Republic is a traditional six-sided lantern that comes in a multitude of mounting styles and options. A legacy in ELA's line for years, this timeless design is suitable for pole, pier mount, cross arm, wall or ceiling mounted applications. The Republic is a perfect specification for shopping mall, decorative street lighting, parking lots, government buildings, site and walkway lighting, schools, libraries, high-end residential applications, and much more. Constructed of high grade cast aluminum with a powder coat finish, the Republic is built to endure the toughest of outdoor conditions. The Republic can also meet the performance standards of today's lighting demands. It's available with an assortment of refractors or reflectors for all light distributions and is also available with a full cut-off to meet local lighting requirements. Available with a maximum 80 watts in LED while still maintaining excellent light output. With it's classic traditional style, superior durability, and high performance standards, the Republic is the perfect solution to a full array of lighting applications.



Fixture is "Buy America Act" Compliant and proudly made in the U.S.A.



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Republic - REP

LED Ordering Matrix

Environmental Lighting for Architecture, Inc.

1 **REP** / 2 / 3 / 4 / 5 / 6 / 7 / 8 / 9 / 10

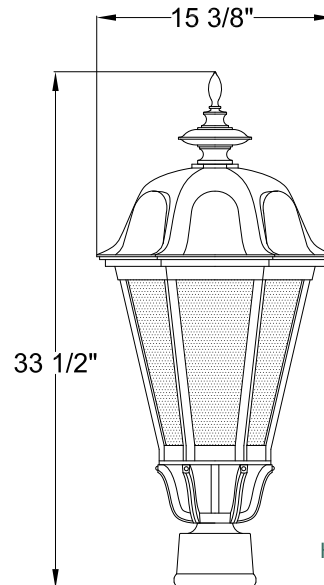
1. Fixture: Matrix #: **REP** Description: Republic Fixture

2. Size: Matrix #: **15** Weight: 28 lbs. EPA: 1.2

3. Mounting: Matrix #: **CR*** Cross Arm
PT* Post Top
BR* Wall Bracket
PM* Pier Mount
CP Chain Pendant
SP Stem Pendant

*Specify which Cross Arm, Pole, or Wall Bracket is to be used. See ELA website for choices.

4. Optics: Matrix #: **H2** Type 2 - Horizontal
H3 Type 3 - Horizontal
H4 Type 4 - Horizontal
H5 Type 5 - Horizontal
Horizontal
Vertical **V3** Type 3 - Vertical (Corn Cob)
V5 Type 5 - Vertical (Corn Cob)



REP / 15
Horizontal Max: 50W
Vertical Max: 80W

5. Lamping:	Matrix #:	Description:	Diodes	Lumens*	Wattage*	Efficacy	LED Drive (mA)	Standard Dimming Type**
Horizontal	35LED	LED Board	24	3360	35	96	292	1-10VDC, Triac, Forward Phase
Vertical	50LED	LED Board	56	4800	50	96	417	1-10VDC, Triac, Forward Phase
	18LED	LED Corn Cob	81	1728	18	110	150	Line Voltage On-Board Transformer
	27LED	LED Corn Cob	81	2970	27	110	225	Line Voltage On-Board Transformer
	36LED	LED Corn Cob	135	4950	36	110	300	Line Voltage On-Board Transformer
	45LED	LED Corn Cob	135	5940	45	110	375	Line Voltage On-Board Transformer
	54LED	LED Corn Cob	135	11000	54	110	450	Line Voltage On-Board Transformer
	80LED	LED Corn Cob	135	16296	80	110	667	Line Voltage On-Board Transformer

*Other wattages & lumens available upon request.

**Other dimming types available upon request.

6. Color Temps (k): Matrix #: **AM*** Amber Color Temp
27 2700k Color Temp
30 3000k Color Temp
40 4000k Color Temp
50 5000k Color Temp

Note: Other color temperatures & RGB's available upon request.

*Amber not available in corn cobs.

7. Voltage: Matrix #: **120** 120VAC
208 208VAC
240 240VAC
277 277VAC
347* 347VAC
480* 480VAC

*Contact ELA for details.

8. Lens: Matrix #: **CA** Clear Acrylic
FA Frosted Acrylic
OA Opal Acrylic
SG Seedy Glass
CG Clear Glass
FG Frosted Glass
CTG Clear Tempered Glass
FTG Frosted Tempered Glass

9. Finish: (Standard Powder Coat) Matrix #: **AG** Augustine Green
CC Charcoal
DB Dark Bronze
GY Architectural Grey
MG Malaga Green
MN Black - Midnight
PW Pewter
SB Statuary Bronze
VL Village Green
WH White

Note: Custom colors available upon request.

10. Options: Matrix #: **BBU** Battery Backup
PCB Photocell Button
TB Terminal Block
PCR3* 3 Pin Photo Control Receptacle
PCR5* 5 Pin Photo Control Receptacle
PCF7* 7 Pin Photo Control Receptacle
HSS House Side Shield

1. BBU test button location shall have visibility for testing on site. Consult factory for placement location.

2. BBU LED lumen output reduced in BBU mode.

3. ELA Can integrate client specified wifi /remote control components upon request.

* See ELA for mounting options.

ELA Warranty Info:

Environmental Lighting for Architecture, Inc. (ELA) offers a Five (5) Year Warranty on all products exclusively manufactured by ELA. Furthermore, ELA offers a Five (5) Year Warranty on all LED and LED components; and guarantees that no fewer than 90% of the diodes in each fixture will still be operating during this time. Please contact ELA for the details of each warranty.