

Client:	
Order #:	
Project:	
Type:	



DESCRIPTION

The Armor luminaire is designed to emulate the "teardrop" luminaires that illuminated boulevards in the first half of the 1900s. Crafted for effective light control, ease of installation, and simplified maintenance, the Armor features a precision optical system that ensures authentic street lighting performance.

FEATURES

- LED
- Conformal Coating LED light engine
 - CCT: Standard-3000K, 4000K, & 5000K; 2700K, Amber, LPS (1800K) Offered for Some Wattages - Consult

- Distribution
- Types I* II, III, IV, V (Type I Available in 70w & Higher Only)
 - Full Cutoff

- Electrical
- Electronic Driver, 120-277V, 50/60Hz or 347/480V, 50/60Hz
 - 0-10v Dimmable Driver
 - Standard Surge Protection Included (6kV Line-Line; 10k-V Line-Earth)

- Controls (Optional)
- Button Eye Photo Control (PC)
- Factory
- Static Colors Available - Contact Factory

- Housing
- The Hinged Top Entry Housing is Held in Place with a Stainless Steel Latch. The Top Includes a Leveler for Knuckle Mounting.

- Finish
- Super Durable Polyester Powder Coat Finish. Custom Finishes Available, Including Patinas and All RAL Colors.

PERFORMANCE DATA

CRI
70+

CCT
3000K, 4000K, 5000K

Projected Lifetime
>196,000 Hours (L70)
>60,000 Hours (L90)

Dimming
0-10V Dimming Standard,
10% down to 100%

Operating Temperature
-40°C to +40°C Ambient

Warranty
5 year Standard
10 year Optional

ORDERING INFORMATION

ARMOR						
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A	FIXTURE SERIES	B	C
	Armor		
B	WATTAGE/LUMENS		
	10	10W/1420 ¹	
	15	15W/2029 ¹	
	20	20W/2841 ¹	
	30	30W/4261 ¹	
	40	40W/5524 ¹	
	50	50W/7130 ¹	
	60	60W/7922 ¹	
	70	70W/9533 ¹	
	80	80W/10896 ¹	
	90	90W/12257 ¹	
	105	105W/14333 ¹	
	120	120W/16380 ¹	
	135	135W/18428 ¹	
	155	155W/21500 ¹	

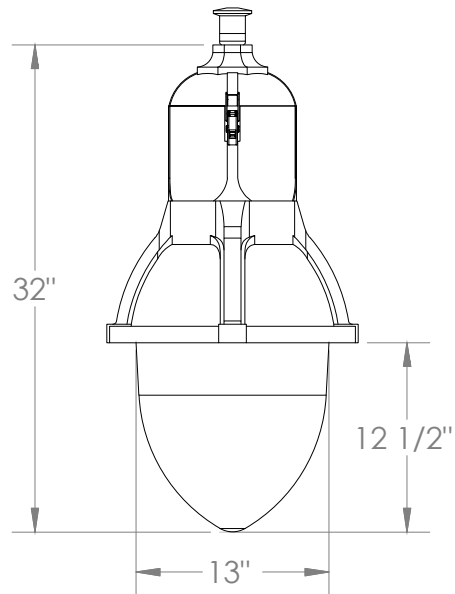
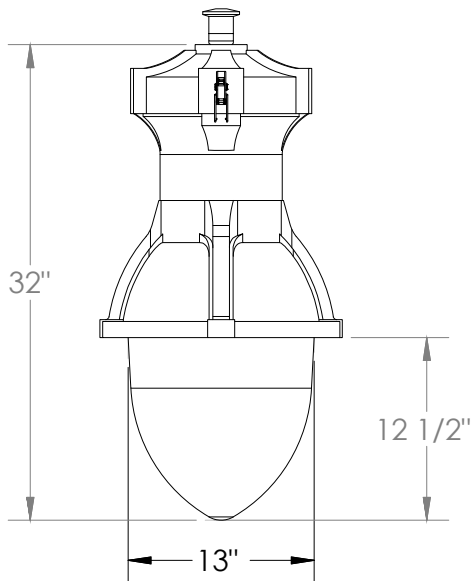
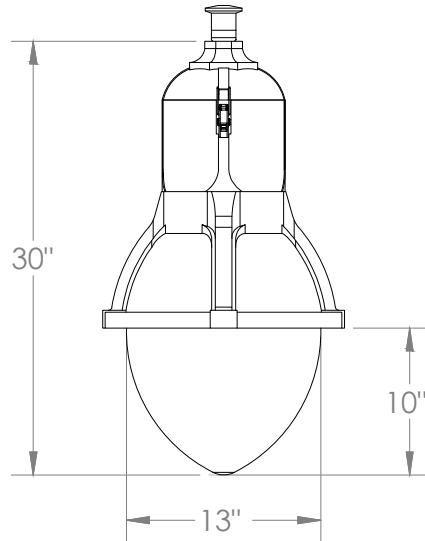
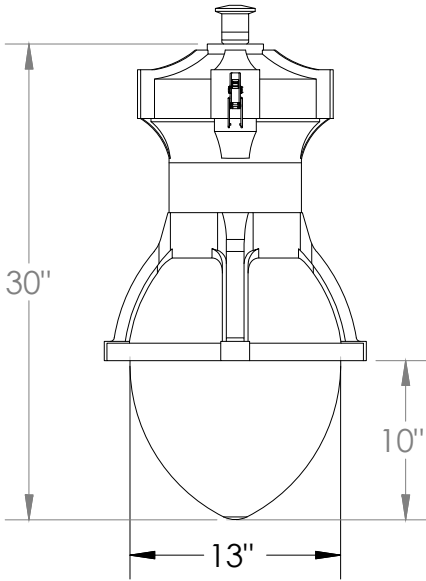
C	CCT	D	VOLTAGE	E	FINISH
	30	3000K			
	40	4000K			
	50	5000K			
			U	120-277V	
			H	347/480V	
					BK
					BZ
					DBZ
					WH
					GR
					SM
					GY
					TBK
					CC

F	OPTIONS	G	WARRANTY ²
	PC	Button Eye Photo Control	
	N	None	
	-	5 Year Warranty	
	10	10 Year Warranty	
	10L	10 Year Warranty including labor	

¹Delivered Lumens (4000K)
² 5 Year Warranty is Standard unless specified



DIMENSIONS



Armor LED LIGHT ENGINE SPECIFICATIONS:

Lumen Output for Victoria 3 & 4															
Wattage (Catalog Logic)	10w (10W)	15w (15W)	20w (20W)	30w (30W)	40w (40W)	50w (50W)	60w (60W)	70w (70W)	80w (80W)	90w (90W)	105w (105W)	120w (120W)	135w (135W)	155w (155W)	
Radiant Size (DIA.)	6"	6"	6"	6"	6"	8"	8"	12"	12"	12"	13"	13"	13"	13"	
Input Watts	10.2	14.6	20.4	30.6	40.8	51.0	56.6	67.9	77.6	87.3	101.9	116.5	131.0	152.9	
Optic	CCT	Delivered Lumens													
1 = Type I Clear PC Lens	3K	NOT AVAILABLE							8,156	9,319	10,485	12,260	14,012	15,763	18,390
	4K	NOT AVAILABLE							8,486	9,698	10,910	12,757	14,580	16,403	19,136
	5K	NOT AVAILABLE							8,817	10,075	11,335	13,255	15,149	17,041	19,882
	BUG Rating	NOT AVAILABLE							B3-U0-G2	B3-U0-G2	B3-U0-G2	B3-U0-G3	B3-U0-G3	B4-U0-G3	Bx-U0-Gx
2 = Type II Clear PC Lens	3K	1,314	1,877	2,628	3,941	5,110	6,595	7,328	8,819	10,078	11,338	13,259	15,152	17,047	19,888
	4K	1,367	1,953	2,735	4,102	5,086	6,863	7,625	9,176	10,487	11,798	13,796	15,767	17,739	20,694
	5K	1,420	2,029	2,841	4,261	5,524	7,130	7,922	9,533	10,896	12,257	14,333	16,380	18,428	21,500
	BUG Rating	B1-U0-G0	B1-U0-G0	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G1	B2-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G2	B3-U0-G2
3 = Type III Clear PC Lens	3K	1,319	1,884	2,638	3,957	5,130	6,621	7,357	8,854	10,119	11,383	13,312	15,213	17,115	19,968
	4K	1,372	1,961	2,746	4,118	5,106	6,891	7,656	9,213	10,530	11,846	13,852	15,831	17,810	20,777
	5K	1,425	2,037	2,853	4,278	5,546	7,159	7,954	9,571	10,939	12,307	14,391	16,446	18,502	21,586
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3
4 = Type IV Clear PC Lens	3K	1,203	1,719	2,407	3,611	4,659	6,042	6,714	8,079	9,233	10,388	12,147	13,882	15,617	18,219
	4K	1,252	1,790	2,505	3,757	4,848	6,288	6,986	8,407	9,608	10,809	12,640	14,445	16,251	18,959
	5K	1,301	1,859	2,603	3,904	5,037	6,531	7,258	8,734	9,982	11,229	13,132	15,007	16,883	19,697
	BUG Rating	B0-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B3-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3	B3-U0-G3	B3-U0-G4
F = Type V Clear PC Lens	3K	1,320	1,886	2,640	3,960	5,134	6,626	7,362	8,860	10,125	11,391	13,321	15,223	17,126	19,981
	4K	1,373	1,962	2,748	4,121	5,109	6,895	7,661	9,219	10,536	11,853	12,861	15,841	17,822	20,791
	5K	1,426	2,038	2,854	4,281	5,550	7,163	7,959	9,578	10,946	12,315	14,400	16,457	18,514	21,600
	BUG Rating	B1-U0-G0	B1-U0-G0	B2-U0-G1	B2-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2	B3-U0-G2	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G3
F = Type V with LumaLens	3K	NOT AVAILABLE									8,077	9,231	10,385	12,115	
	4K	NOT AVAILABLE									8,404	9,604	10,805	12,606	
	5K	NOT AVAILABLE									8,732	9,978	11,225	13,097	
	BUG Rating	NOT AVAILABLE									B3-U3-G2	B3-U3-G3	B3-U3-G3	B3-U3-G3	

Please refer to the fixture's IES file for detailed information. Subject to change.

OTHER OPTIONS DESIGNS.

