

**Valiant™ LED Series AVPL2**

**PRODUCT OVERVIEW**



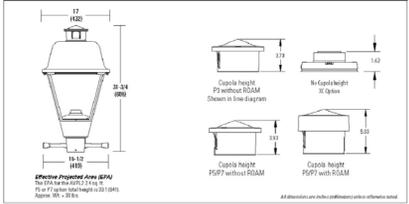
- Features:**
- Colored LED features, replaces HID models up to 160W HPS for street and area lighting applications
  - Eleven (11) LED performance packages deliver just the right amount of light for any given application up to 2200 lumens
  - Available in color temperature choices of 2700K, 3000K, 4000K, and 5000K
  - Four (4) distinct light distribution options provide design flexibility, available in Type I, Type II, Type IV, and Type V
  - Die cast aluminum housing with choice of acrylic or polycarbonate panel offers superior performance for harsh lighting applications
  - Die cast aluminum hood features a finger lock (FL) option and captive thumb screws for fast, easy electrical and optical chamber access
  - Standard 2" x 4" knockouts (KO) available - all other finishes are smooth / gloss
  - Housing features pre-mounted and designed for use with a 2" tall by 2 1/8" x 2" diameter base, and secured by three set screws
  - Rated IFL LED life greater than 100,000 hours at 70°C
  - Complies with all applicable ANSI/IES standards
  - CSA listed and suitable for up to 80°C ambient
  - Surge protection device (integrated) exceeds ANSI/IEEE Std. 41.2002 Category C High (100V/10kA) and ANSI/IEEE Std. C136.2-2005 Enhanced (100V/10kA, 100V/10kA) exceeds ANSI/IEEE Std. 41.2002 Category C High (100V/10kA) and ANSI/IEEE Std. C136.2-2005 Enhanced (100V/10kA)
  - Equipped with LED electronic 0-10V dimmable driver

**Applications:**

- Streetscapes
- Walkways
- Pathways
- Parks



**DIMENSIONS**



**AMERICAN ELECTRIC LIGHTING - VALANT LED**

COLOR AND FINISH BY OWNER  
M.H. = 16' ABOVE PARKING



**Parking Lot Statistics**

Statistics				
Description	Symbol	Avg	Max	Min
Calc Zone #1	+	0.6 fc	4.4 fc	0.0 fc

**LUMINAIRE SCHEDULE**

REFER TO SITE PLAN FOR POLE LOCATION

Symbol	Label	QTY	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	Lumens per Lamp	Lumen Multiplier	LLF	Wattage	Efficiency	Distribution
⊕	A	44	American Electric Lighting	AVPL2 20LEDE70 XXXX 3K R3 AY	Valiant LED with R3 distribution, Clear Acrylic (Prismatic) Optic.	LED	1	3911	1	1	45	100%	TYPE II, VERY SHORT, BUG RATING: B1-U4-G1

Per §153.074(E)(3) All light produced on-site shall be contained within the perimeter of the site by design, orientation or shielding of the light source."



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**LIGHTING PLAN**  
NOT RELEASED FOR CONSTRUCTION

**REVISIONS**

NO.	DATE	DESCRIPTION	BY	DATE
1	10-06-20	TECH 2 - REVISIONS	MWR	

**PROJECT: BERMUDA BAY - SOMERSET**  
NORTH CAROLINA  
DARE COUNTY  
KILL DEVIL HILLS  
BUILDING 201 AND 202 - KDH REVIEW PLAN

DATE: 10-06-20 SCALE: 1"=30'  
DESIGNED: MWR DRAWN: MWR  
SHEET: S11 OF 11  
CAD FILE: 382500B1.DWG  
PROJECT NO: 3825