

# James A. Dillin, PLS

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December 22, 2020

Donald Serotta, Planning Board Chairman  
Town of Chester  
1786 Kings Highway  
Chester, N.Y. 10918

RE: MAJRCCS, LLC  
Section 6 Block 1 Lot 34.1

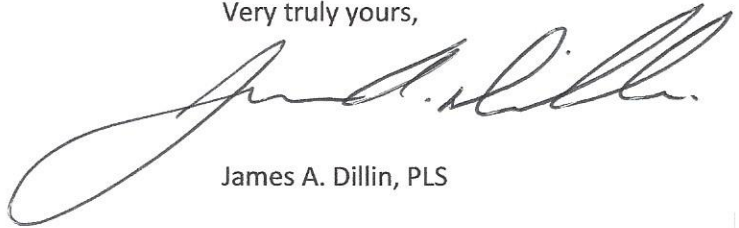
Dear Chairman Serotta:

Plans have been revised as per comments on the December 2, 2020 Planning Board meeting and review letter from Fusco Engineering & Land Surveying, P.C., dated December 2, 2020. Please find the following revisions to the Site Plan:

1. Lighting base detail designs have been added to the Plan.
2. Cut sheets for the proposed flood light are included with this letter. Additionally, the light shown on the Plan is in the direction of the proposed installation.

Thanking the Board for consideration on this Application.

Very truly yours,

A handwritten signature in black ink, appearing to read 'James A. Dillin', with a large, stylized loop at the end.

James A. Dillin, PLS

JAD/td  
cc: MAJRCCS, LLC  
encl: Revised Maps



## Project:

QUALITY BUS

## Type:

FLOOD

## Prepared By:

KANDEL BROTHERS

## Date:

10-5-20

Industry-leading efficacy, incredible value. The low-cost floodlight family just upped its game. PIPXL™ - up to 16,600 lumens and 100W of affordable LED light.

Color: Bronze

Weight: 20.6 lbs

## Driver Info

Type	Constant Current
120V	0.93A
208V	0.56A
240V	0.49A
277V	0.41A
Input Watts	110.8W

## LED Info

Watts	100W
Color Temp	5000K (Cool)
Color Accuracy	78 CRI
L70 Lifespan	60,000 Hours
Lumens	15,839
Efficacy	143 lm/W

## Technical Specifications

### Listings

#### UL Listed:

Suitable for wet locations. Suitable for ground mounting.

#### IESNA LM-79 & LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

#### DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. DLC Product Code: P2PSU64X

### Electrical

#### Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

#### Power Factor:

96.9% at 480V

### Surge Protection:

4kV

#### Note:

All values are typical (tolerance +/- 10%)

### LED Characteristics

#### LEDs:

Long-life, high-efficacy, surface-mount LEDs

#### Color Uniformity:

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

### Performance

#### Lifespan:

60,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

### Optical

#### NEMA Type:

7H x 6V Beam Spread

### Construction

#### IP Rating:

Ingress Protection rating of IP66 for dust and water

#### Thermal Management:

Superior thermal management with external "Air-Flow" fins

#### Maximum Ambient Temperature:

Suitable for use in up to 40°C (104°F)

## Technical Specifications (continued)

### Construction

#### Cold Weather Starting:

The minimum starting temperature is -30°C (-22°F)

#### Housing:

Precision die-cast aluminum housing

#### Lens:

Two (2) clear acrylic lens with integrated optics

#### Mounting:

Heavy-duty slipfitter for 2 3/8"OD pipe

### Effective Projected Area:

EPA = 1.4

#### Gaskets:

High-temperature silicone gaskets

#### Green Technology:

Mercury and UV free. RoHS-compliant components.

#### Finish:

Formulated for high durability and long-lasting color

### Other

#### Equivalency:

Equivalent to 400W Metal Halide

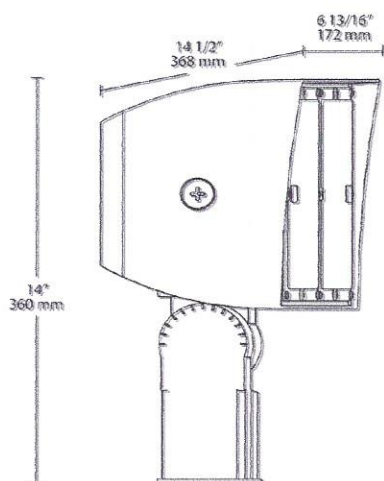
#### 5 Yr Limited Warranty:

The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

#### Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

## Dimensions



## Features

- Ultra-high efficiency
- DLC Premium
- 0-10V Dimming, standard
- 60,000-Hour LED lifespan
- 5-Year, Limited Warranty

## Ordering Matrix

Family	Wattage	Mount	Color Temp	Finish	Driver	Options	Other Options
PIPXL	100	SF			/D10		
	70 = 70W 100 = 100W	SF = Slipfitter T = Trunnion	Blank = 5000K (Cool) N = 4000K (Neutral) Y = 3000K (Warm)	Blank = Bronze W = White	/D10 = Dimmable 120-277V /480/D10 = Dimmable 480V	Blank = No Options /PCU = 120-277V Button Photocell /PCT = 120-277V Twistlock photocell /PCT4 = 480V Twistlock photocell /7PR = 7-Pin Receptacle /BL = Bi-Level /LC = Lightcloud®	USA = BAA Compliant Blank = Standard