

Over and Above Estimate

Region: 2

Location: NY058

CSS #:90368

Maximo Work Order No. 19747

Asset#:

Date Issued: 11/04/2022

Original Description: Troubleshoot and repair parking lot lights of the training building.

Description of Repairs: Remove existing Neptune Lighting fixtures from Pole lighting and replace them with new RAB pole lighting fixtures. Current fixtures are obsolete; we will replace them with a similar replacement.

Non-Pre-Priced Estimate:

Quantity	Line Item #	Description	Labor Hours	Unit	Labor	Materials	Equipment	Total
1		Materials (See attached estimate for line items)				556.00		

Note: RS Means (Pre-Priced) is not used in compiling this estimate.

Note: Subcontractor quote attached.

Estimate Summary:

Labor Hours	Labor Cost	Equipment	Material	Total Cost	CE Factor	Total Estimate
12hrs@ 135.00 = 1620.00	\$1620.00	750.00	1668.00	\$4038.00	1.02	\$4118.76

Please see the attached estimate.

MSL Electric, LLC
6555 GRAND AVE
NY 11378

Estimate

Date	Estimate #
11/22/2022	1300

Name / Address
International Support Group 9050 Pine Blvd., Suite 150 Pembroke Pines, FL 33024

Project
NY0058 MEP CW2 Kerry P. Hein 200 NY-25A Shoreham, NY 11786

CSS
90368

Work Order

Terms

Item	Description	Qty	Rate	Total
Service	Remove Existing Neptune Lighting fixtures from Pole Lighting and replace with new RAB pole lighting fixtures. Neptune has been out of business for two years now and similar replacement lighting fixtures are un-obtainable. A cut sheet was provided to the 99th and approved for new LED RAB lighting fixtures vi Louis Caorbo.	12	135.00	1,620.00
Equipment Rental	Lift needed to reach lighting heads at 30 feet.	1	750.00	750.00
16 Electrical & Li...	RAB Lighting Fixtures with equivalent lumens.	3	556.00	1,668.00

Subtotal		\$4,038.00
Sales Tax (8.875%)		\$0.00
Total		\$4,038.00



Color: Bronze

Weight: 10.0 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant Current
120V	1.17A
208V	0.75A
240V	0.65A
277V	0.54A
Input Watts	70-140.3W

LED Info

Watts	140W
Color Temp	3000K/4000K/5000K
Color Accuracy	83-85 CRI
L70 Lifespan	100,000 Hours
Lumens	8947-19158 lm
Efficacy	127.8-141.5 lm/W

Technical Specifications

Field Adjustability

3-Way Field Adjustable:

Field Adjustable Light Output:
70W/100W/140W (factory default 140W)
Color temperature (selectable by 3000K, 4000K and 5000K)

Compliance

UL Listed:

Suitable for wet locations

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.

IP Rating:

Ingress protection rating of IP65 for dust and water

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. Designed to meet DLC 5.1 requirements.
DLC Product Code: P596G73J

Electrical

Driver:

Constant Current, Class 2, 120-277V, 50/60Hz, 120V: 1.17A, 208V: 0.75A, 240V: 0.65A, 277V: 0.54A

Dimming Driver:

Driver includes wiring for 0-10V dimming systems. Dim as low as 10%.

THD:

3.85% at 120V, 9.13% at 277V

Power Factor:

99.9% at 120V, 93.2% at 277V

Photocell:

120-277V selectable photocell that can be turned on and off.

Other

Note:

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

Shorting Cap:

Shorting Cap for Twistlock Receptacle

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.

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.

Technical Specifications (continued)

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.

Construction

Cold Weather Starting:

The minimum starting temperature is -40°C (-40°F)

Maximum Ambient Temperature:

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

Housing:

Precision die-cast aluminum

Mounting:

Slipfitter with 180° pivot available for mounting on 2 3/8" tenon

Lens:

Tempered glass

Reflector:

Polycarbonate

Tilt Increment:

Rotates in 6 degree increments

Effective Projected Area:

EPA = 1.35

Finish:

Formulated for high durability and long-lasting color

Green Technology:

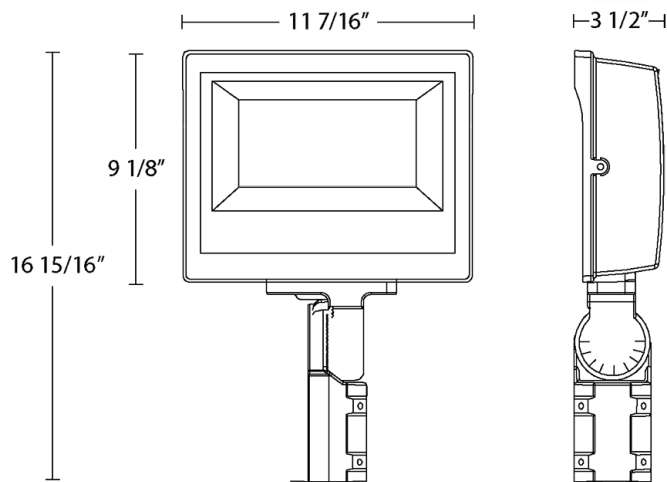
Mercury and UV free. RoHS-compliant components.

Optical

NEMA Type:

NEMA Beam Spread of 7H x 7V

Dimensions



Features

- 3-Way field adjustability
- 0-10V Dimming, standard
- 100,000-hour LED lifespan
- Selectable photocell (on/off) included
- 5-Year, limited warranty

Ordering Matrix

Family	Wattage	Field Adjustability	Color Temp	Mounting	Finish	Voltage	Options
X17	XFU	140		SF			
35 = 35/25/15W 60 = 60/50/30W 80 = 80/60/40W 15 = 15W 35 = 35W 60 = 60W 80 = 80W 105 = 105W 140 = 140W 105 = 105/75/50W 140 = 140/100/70W 205 = 205/150/100W 330 = 330/250/170W		XFU = 3-Way Field Adjustable	Blank = 3000/4000/5000K Selectable	Blank = Knuckle SF = Slipfitter T = Trunnion	Blank = Bronze W = White	Blank = 120-277V /480 = 480V	Blank = Selectable photocell

