



|              |       |
|--------------|-------|
| Project:     | Type: |
| Prepared By: | Date: |

| Driver Info |                  | LED Info       |               |
|-------------|------------------|----------------|---------------|
| Type        | Constant Current | Watts          | 160W          |
| 120V        | 1.34A            | Color Temp     | 2200K-6500K   |
| 208V        | 0.77A            | Color Accuracy | 80 CRI        |
| 240V        | 0.67A            | L70 Lifespan   | 100,000 Hours |
| 277V        | 0.58A            | Lumens         | 19,200 lm     |
| Input Watts | 160W             | Efficacy       | 120           |

Technical Specifications

Lightcloud

Lightcloud Blue:

Lightcloud Blue is a Bluetooth Mesh wireless lighting control system that allows you to control RAB's various compatible devices. With RAB's patented Rapid Provisioning technology, devices can be quickly and easily commissioned for residential and large commercial applications using the Lightcloud Blue mobile app. Each device in a system can communicate with any other device, eliminating the need for a Gateway or Hub and maximizing the control system's reach.

DLC system - Interior: N1XMLOEATBA; Exterior: NHCZ2BIA17L

Learn more at [www.lightcloud.com](http://www.lightcloud.com).

Gateway Required:

No

Communication Protocol:

Bluetooth Mesh

Range:

Indoor: Up to 60 feet between standard building materials. Building materials such as brick, concrete, and steel construction may require additional Lightcloud Blue devices to extend around an obstruction; Up to 200 feet clear line of sight.

Outdoor: Up to 60 feet clear line of sight; Up to 18 feet around corners

Spacing Criteria:

Lightcloud Blue devices should be placed within the specified range to communicate within the Bluetooth Mesh network.

SmartShift

SmartShift:

SmartShift is the most advanced - yet easiest to use - circadian lighting system, which syncs white color tuning with the local sunrise and sunset. Requires the NANO/LCB (sold separately)

Performance

Product Type:

Floodlight

Description :

Ultra economy without compromise. The X34 is a field-adjustable, general-purpose flood offering output from 1,400 to over 24,000 lumens!

Input Wattage:

160W

Lumens:

19,200lm

Measured Lumens:

11,672lm @ 6500K; 19,347lm @ 2700K; 19,637lm @ 3000K; 20,242lm @ 4000K; 20,529lm @ 5000K

Efficacy:

120lm/W

L70 Lifespan:

100,000-Hour LED lifespan based on IES LM-70 results

Electrical

THD:

<20%

Power Factor:

>0.9

Dimmable:

Yes, via the Lightcloud Blue mobile app and devices. This lamp will not operate properly when connected to a standard (incandescent) dimmer or dimming control.

Input Voltage:

120-277V

Operating Frequency:

60 Hz

Input Current @ 120V (mA):

1,340mA

Technical Specifications (continued)

**Input Current @ 208V (mA):**  
770mA

**Input Current @ 240V (mA):**  
670mA

**Input Current @ 277V (mA):**  
580mA

**Operating Temperature:**  
-40°F to 104°F (-40°C to -40°C)

**Flicker:**  
<30%

**Surge Protection:**  
2kV

LED Characteristics

**Beam Angle:**  
105X90°

**Color Temperature:**  
Default: 3000K  
Adjustable using the Lightcloud Blue mobile app  
Tunable White 2200K - 6500K  
16+ million RGB colors

**Color Accuracy (CRI):**  
80 CRI

**R9 Value:**  
High color performance with R9 no greater than 5

**Color Consistency:**  
<5-step MacAdam Ellipse binning to achieve  
consistent fixture-to-fixture color

Installation

**Mounting:**  
Slipfitter/Trunnion

Construction

**Shape:**  
Square

**Finish:**  
White

**Enclosure Material:**  
Metal

**Lens:**  
Glass

Compliance

**Listings:**  
UL Listed, UL Recognized

**Environment:**  
Suitable for use indoors and outdoors in dry, damp,  
or wet environments.

**Fixture Rating:**  
Suitable for use in enclosed fixtures.  
Suitable for use in open fixtures.

**IP Rating:**  
IP65

**DLC Listed:**  
This product is on the Design Lights Consortium  
(DLC) Qualified Products List and is eligible for  
rebates from DLC Member Utilities. Designed to  
meet DLC 5.1 requirements.

**California Title 20 Compliant:**  
No

**California Title 24 JA8 Compliant:**  
No

**California Energy Commission (CEC) Status:**  
Lawful for Sales in California

**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.

**RoHS:**  
Mercury and UV free. RoHS-compliant components.

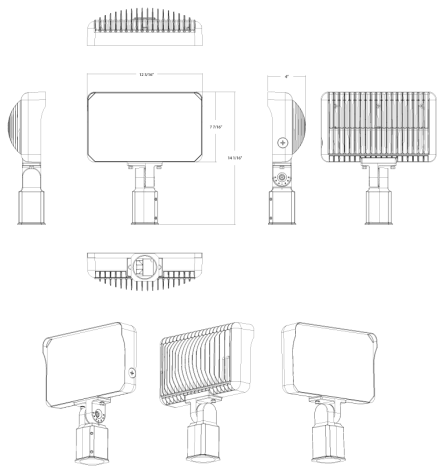
**FCC:**  
Complies with Part 15 of the FCC Rules

Other

**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

- 100,000-Hour LED lifespan
- IP65 Rated
- 5-Year, limited warranty

Ordering Matrix

| Family | Wattage               | Mounting                           | CRI/Color Temp                           | Finish                      | Driver           | Options                   |
|--------|-----------------------|------------------------------------|------------------------------------------|-----------------------------|------------------|---------------------------|
| X34    | XXL                   |                                    |                                          | W                           |                  | /RGB                      |
|        | L = 90W<br>XXL = 160W | Blank = Slipfitter<br>T = Trunnion | Blank = 80 CRI, 2200-6500K Tunable White | Blank = Bronze<br>W = White | Blank = 120-277V | /RGB = 16+ million colors |