

# HERITAGE Lantern Area Light, Amber

**RAB**



HTG-RYA



HTG-RPYA



HTG-RPWWMYA



HTG-SYA



HTG-SPYA



HTG-SPWWMYA

PROJECT:

DATE:

TYPE:

PREPARED BY:



## KEY FEATURES

- Available in two shapes with selectable wattages:  
**Round** and **Square**: 80/70/60/50W (Default **80W**)
- CCT: Amber wavelength
- Selectable optics: Type III / Type V (Default **Type V**)
- Three mounting options: **Pole** mount, **pendant** mount, and **wall** mount
- On/Off photocell included
- Clear lens standard for all models; frosted lenses offered as accessories. House-side shields, finials and other mounting accessories sold separately.
- 120-277V & 480V** twistlock photocell & lightcloud twistlock photocell sold separately
- Models available with microwave sensor & Lightcloud blue w/MVS sensor
- 5-year** limited warranty

## Power-Adjustable with Amber Wavelength



## PERFORMANCE

| HTG-RYA        | DISTRIBUTION TYPE V |       |       |       | DISTRIBUTION TYPE III |       |       |       |
|----------------|---------------------|-------|-------|-------|-----------------------|-------|-------|-------|
| Watts          | 80W                 | 70W   | 60W   | 50W   | 80W                   | 70W   | 60W   | 50W   |
| Input Watt     | 77.4W               | 65.6W | 58.4W | 48.1W | 77.2W                 | 65.5W | 58.3W | 48.0W |
| Lumens         | 3,121               | 3,007 | 3,002 | 2,845 | 3,126                 | 3,113 | 3,088 | 2,943 |
| Efficacy       | 40.3                | 45.8  | 51.4  | 59.1  | 40.5                  | 47.5  | 53.0  | 61.3  |
| Voltage Rating | 120-277V            |       |       |       |                       |       |       |       |

| HTG-SYA        | DISTRIBUTION TYPE V |       |       |       | DISTRIBUTION TYPE III |       |       |       |
|----------------|---------------------|-------|-------|-------|-----------------------|-------|-------|-------|
| Watts          | 80W                 | 70W   | 60W   | 50W   | 80W                   | 70W   | 60W   | 50W   |
| Input Watt     | 77.4W               | 65.6W | 58.5W | 48.0W | 77.5W                 | 65.7W | 58.5W | 48.2W |
| Lumens         | 3,209               | 3,066 | 3,014 | 2,811 | 3,237                 | 3,149 | 3,083 | 2,906 |
| Efficacy       | 41.5                | 46.7  | 51.5  | 58.6  | 41.8                  | 47.9  | 52.7  | 60.3  |
| Voltage Rating | 120-277V            |       |       |       |                       |       |       |       |

| HTG-RYA/480    | DISTRIBUTION TYPE V |       |       |       | DISTRIBUTION TYPE III |       |       |       |
|----------------|---------------------|-------|-------|-------|-----------------------|-------|-------|-------|
| Watts          | 80W                 | 70W   | 60W   | 50W   | 80W                   | 70W   | 60W   | 50W   |
| Input Watt     | 81.5W               | 69.7W | 63.3W | 52.5W | 81.3W                 | 69.7W | 63.1W | 52.4W |
| Lumens         | 3,189               | 3,129 | 3,106 | 2,968 | 3,243                 | 3,278 | 3,180 | 3,006 |
| Efficacy       | 39.1                | 44.9  | 49.1  | 56.5  | 39.9                  | 47.0  | 50.4  | 57.4  |
| Voltage Rating | 480V                |       |       |       |                       |       |       |       |

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## PERFORMANCE

| HTG-SYA/480    | DISTRIBUTION TYPE V |       |       |       | DISTRIBUTION TYPE III |       |       |       |
|----------------|---------------------|-------|-------|-------|-----------------------|-------|-------|-------|
| Watts          | 80W                 | 70W   | 60W   | 50W   | 80W                   | 70W   | 60W   | 50W   |
| Input Watt     | 81.6W               | 69.9W | 63.6W | 52.7W | 81.7W                 | 70.0W | 63.7W | 52.7W |
| Lumens         | 3,213               | 3,165 | 3,209 | 3,076 | 3,277                 | 3,290 | 3,307 | 3,169 |
| Efficacy       | 39.4                | 45.3  | 50.5  | 58.4  | 40.1                  | 47.0  | 51.9  | 60.1  |
| Voltage Rating | 480V                |       |       |       |                       |       |       |       |

## TECHNICAL SPECIFICATIONS

### COMPLIANCE

#### UL Listed

Suitable for wet locations

#### IK Ratings

IK08 rated for protection against impact

#### DLC Listed

This product family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at [designlights.org](http://designlights.org) to confirm the qualification status of a specific SKU prior to specification or purchase.

#### LUNA

This product has received the Design Lights Consortium's LUNA listing for 3000K models. Designed to meet LUNA 5.1 requirements.

### CONSTRUCTION

#### Cold Weather Starting

Minimum starting temperature is -40°F (-40°C)

#### Maximum Ambient Temperature

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

#### Housing

Die-cast aluminum

#### Mounting

Pole Mount, Pendant Mount or Wall Mount options

#### Lens

Clear polycarbonate lens

#### Gasket

High-temperature silicone gasket

#### IP Ratings

Ingress protection rating of IP65 for dust and water

#### EPA:

HTG-R: 0.7

HTG-S: 0.9

#### Green Technology

Mercury and UV free. RoHS-compliant components.

#### Finish

Formulated for high durability and long lasting color. Available in bronze, or black finish.

### IES CLASSIFICATIONS

Type III - Ideal for roadway, general parking, and other area lighting applications where a larger pool of lighting is required. It is intended to be located near the side of the area, allowing the light to project outward and fill the area.

Type V - Produces a wide and uniform 360° pattern that is perfect for large outdoor areas such as parking lots and pathways.

### ELECTRICAL

#### Drivers:

##### HTG-RYA and HTG-SYA

Constant Current, Class 1, 120-277V, 50/60 Hz

**80W:** 120V: 0.65A, 208V: 0.37A, 240V: 0.32A, 277V: 0.27A

**70W:** 120V: 0.57A, 208V: 0.33A, 240V: 0.28A, 277V: 0.25A

**60W:** 120V: 0.49A, 208V: 0.28A, 240V: 0.24A, 277V: 0.21A

**50W:** 120V: 0.40A, 208V: 0.23A, 240V: 0.20A, 277V: 0.17A

##### HTG-RYA/480 and HTG-SYA/480

Constant Current, Class 1, 480V, 50/60 Hz

**80W:** 480V: 0.18A

**70W:** 480V: 0.16A

**60W:** 480V: 0.14A

**50W:** 480V: 0.12A

#### THD / Power Factor:

| Model       | THD  | PF    | THD   | PF    |
|-------------|------|-------|-------|-------|
| HTG-RYA     | 6.0% | 99.9% | 14.6% | 92.8% |
| HTG-SYA     | 5.7% | 99.9% | 14.2% | 92.9% |
| HTG-RYA/480 | 6.9% | 94.9% |       |       |
| HTG-SYA/480 | 6.8% | 94.9% |       |       |

#### Dimming Driver:

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

#### Photocell:

Integrated photocell included with on/off switch

### LED CHARACTERISTICS

#### LEDs

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

#### Color Uniformity

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

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## TECHNICAL SPECIFICATIONS

### FACTORY DEFAULT

**Selectable Wattage:**

80/70/60/50W (Default 80W)

**Selectable Distribution:**

T3/T5 (Default T5)

**CCT:**

Amber wavelength

**Integrated On/Off Photocell:** Default Off

*Note: 120/277V & 480V twistlock photocells sold separately*

### MICROWAVE OCCUPANCY SENSORS

Input Voltage: 12VDC

Operating Frequency: 50/60Hz

Input Current: 30mA

Operating Temperature: -40°F to 140°F (-20°C to 60°C)

Max Mounting Height: 50 ft

Detection Range: 50 ft. diameter mounted at 50 ft. (/MVS & /LCBS/MVS)

Daylight Sensing: The sensor will determine to trigger the light(s) on or not based on the daylight threshold level set.

**Default Settings:**

Motion Sensitivity: High

Brightness when triggered : 100%

Hold time: 20 minutes

Standby to dim: 20%

Standby time: 1 minute

When vacant: Off

Daylight: Disabled

Adjustable Settings: Settings for Lightcloud Blue-enabled sensors can be adjusted using the mobile app. All other sensors will require MSR1

Remote (sold separately) to adjust the following sensor settings:

Standby to dim: 10%/20%/30%/50%

Standby time: 0s/10s/30s/1min/5min/10min/30min/60min/+∞

Daylight Threshold: 2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/Disable

### OTHER

**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).

**Lifespan**

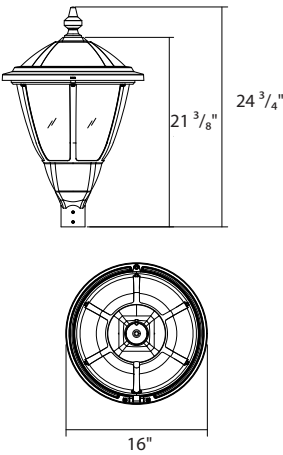
100,000-hour LED lifespan based on IES LM-80 results and -21 calculations

# HERITAGE Lantern Area Light, Amber

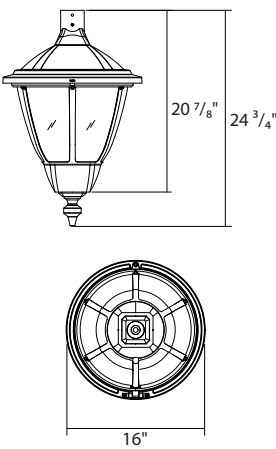


## DIMENSIONS

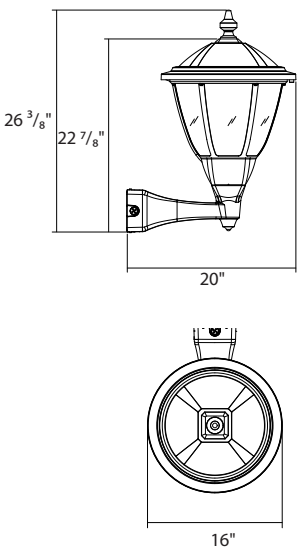
HTG-RYA  
Weight: 9.55 lbs



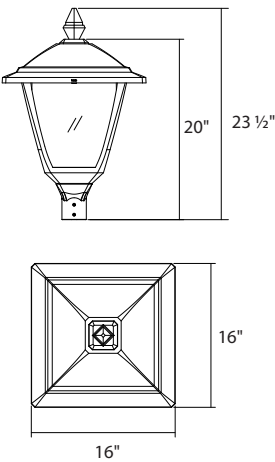
HTG-RPYA



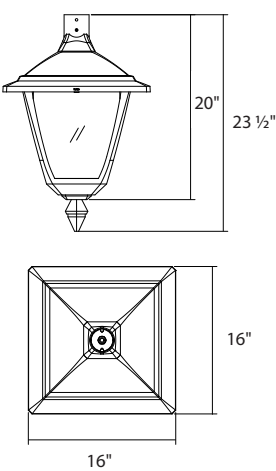
HTG-RWM YA



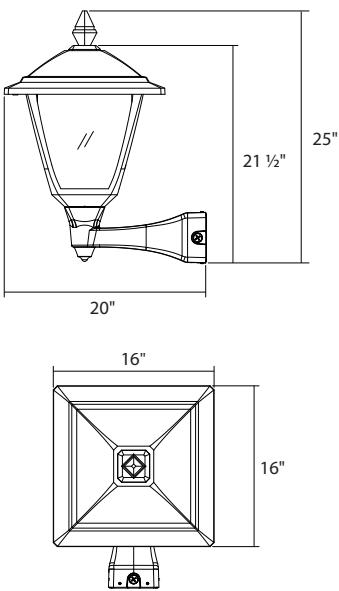
HTG-SYA  
Weight: 10.27 lbs



HTG-SPYA



HTG-SWMYA



# HERITAGE Lantern Area Light, Amber



## ACCESSORIES

### Lenses



HTG-S-C HTG-S-F HTG-S-P

### Round Lenses



HTG-R-C HTG-R-F HTG-R-P

### House Side Shields



HTG-S-HS HTG-R-HS

### Pole Adaptor Tenons



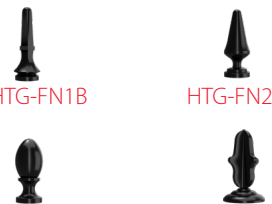
HTG-PAT3 HTG-PAT4  
HTG-PAT3B HTG-PAT4B

### Finials (Bronze Finish)



HTG-FN1 HTG-FN2  
HTG-FN3 HTG-FN4

### Finials (Black Finish)



HTG-FN1B HTG-FN2B  
HTG-FN3B HTG-FN4B

### HTG-VHOOK



### Photocell & Multi-Sensor Remote



R-3P-PCT &  
R-3P-PCT-480V



MSR1

| CATALOG# | UPC          | DESCRIPTION                                     |
|----------|--------------|-------------------------------------------------|
| HTG-S-C  | 192552053198 | HTG LANTERN SQUARE CLEAR LENS 4PCS PER PACK     |
| HTG-S-F  | 192552053204 | HTG LANTERN SQUARE FROSTED LENS 4PCS PER PACK   |
| HTG-S-P  | 192552053211 | HTG LANTERN SQUARE PRISMATIC LENS 4PCS PER PACK |
| HTG-R-C  | 192552053235 | HTG LANTERN ROUND CLEAR LENS 6PCS PER PACK      |
| HTG-R-F  | 192552053242 | HTG LANTERN ROUND FROSTED LENS 6PCS PER PACK    |
| HTG-R-P  | 192552053259 | HTG LANTERN ROUND PRISMATIC LENS 6PCS PER PACK  |

| CATALOG# | UPC          | DESCRIPTION                                        |
|----------|--------------|----------------------------------------------------|
| HTG-S-HS | 192552053228 | HTG LANTERN SQUARE HOUSE SIDE SHIELD 4PCS PER PACK |
| HTG-R-HS | 192552053266 | HTG LANTERN ROUND HOUSE SIDE SHIELD 6PCS PER PACK  |

| CATALOG#  | UPC          | DESCRIPTION                                             |
|-----------|--------------|---------------------------------------------------------|
| HTG-PAT3  | 192552053273 | HTG LANTERN POLE MOUNT ADAPTOR TENON 2 3/8" - 3" BRONZE |
| HTG-PAT4  | 192552053280 | HTG LANTERN POLE MOUNT ADAPTOR TENON 2 3/8" - 4" BRONZE |
| HTG-PAT3B | 192552053297 | HTG LANTERN POLE MOUNT ADAPTOR TENON 2 3/8" - 3" BLACK  |
| HTG-PAT4B | 192552053303 | HTG LANTERN POLE MOUNT ADAPTOR TENON 2 3/8" - 4" BLACK  |

| CATALOG# | UPC          | DESCRIPTION                 |
|----------|--------------|-----------------------------|
| HTG-FN1  | 192552053310 | HTG LANTERN FINIAL 1 BRONZE |
| HTG-FN2  | 192552053327 | HTG LANTERN FINIAL 2 BRONZE |
| HTG-FN3  | 192552053334 | HTG LANTERN FINIAL 3 BRONZE |
| HTG-FN4  | 192552053341 | HTG LANTERN FINIAL 4 BRONZE |

| CATALOG# | UPC          | DESCRIPTION                |
|----------|--------------|----------------------------|
| HTG-FN1B | 192552053358 | HTG LANTERN FINIAL 1 BLACK |
| HTG-FN2B | 192552053365 | HTG LANTERN FINIAL 2 BLACK |
| HTG-FN3B | 192552053372 | HTG LANTERN FINIAL 3 BLACK |
| HTG-FN4B | 192552053389 | HTG LANTERN FINIAL 4 BLACK |

| CATALOG#  | UPC          | DESCRIPTION                      |
|-----------|--------------|----------------------------------|
| HTG-VHOOK | 192552054263 | HERITAGE VHOOK WITH 40IN CHAIN 0 |

| CATALOG#      | UPC          | DESCRIPTION                             |
|---------------|--------------|-----------------------------------------|
| R-3P-PCT      | 192552004299 | RAB 3-PIN TWIST LOCK PHOTOCELL 120/277V |
| R-3P-PCT-480V | 192552004305 | RAB 3-PIN TWIST LOCK PHOTOCELL 480V     |
| MSR1          | 192552026055 | MULTI SENSOR REMOTE                     |

# HERITAGE Lantern Area Light, Amber



## ORDERING MATRIX

### HERITAGE - Lantern Area Light with Amber Wavelength

| Family | Shape           | Distribution   | Wattage               | Mounting                                                | Color Temp  | Finish          | Driver                                                           | Controls                                                                                                             |
|--------|-----------------|----------------|-----------------------|---------------------------------------------------------|-------------|-----------------|------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| HTG    | -               |                |                       |                                                         | YA          |                 |                                                                  |                                                                                                                      |
| R<br>S | Round<br>Square | BLANK<br>T3/T5 | BLANK<br>80/70/60/50W | BLANK<br>P Pole Mount<br>WM Pendant Mount<br>Wall Mount | YA<br>Amber | BLANK<br>Bronze | BLANK<br>120-277V<br>0-10V dimming<br>/480 480V<br>0-10V dimming | BLANK<br>/7PRS 7-Pin Receptacle w/Shorting Cap*<br>/MVS Microwave Sensor<br>/LCBS/MVS Lightcloud* Blue<br>MVS Sensor |

\*/7PRS is not available for Pendant Mount