Hanover Lantern, Inc. warrants its products against defects in material and workmanship. Without charge, Hanover Lantern, Inc. will either repair or replace (Hanover Lantern, Inc. reserves the right to decide between repair or replacement) any properly installed Hanover Lantern, Inc. product that fails under normal operating conditions within three years from the date of shipment, provided it is returned to the factory, transportation prepaid, and our inspection determines it to be defective under the terms of this warranty.

The warranty covers only equipment manufactured by Hanover Lantern, Inc. and does not extend to transportation, installation or replacement charges; nor does it apply to any equipment of another manufacturer used in conjunction with Hanover Lantern, Inc. equipment. No other warranty, expressed or implied, exists beyond that included in this statement.

Discriminating Outdoor Lighting
Dark Skies Compliant

Hanover Lantern is committed to producing high quality Dark Sky friendly luminaires and to continuous expansion of our line.

Dark Skies
ENVIRONMENTALLY COMPLIANT LIGHTING

Hanover Lantern is a Philips group brand

350 Kindig Lane, Hanover, PA 17331
Phone: (717) 632-6464
Fax: (717) 632-5039
Email: sales@hanoverlantern.com
Web: www.hanoverlantern.com

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Publication M9241-0408

Some luminaires use fluorescent or high intensity discharge (HID) lamps that contain small amounts of mercury. Such lamps are labeled "Contains Mercury" and/or with the symbol "Hg". Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycling and disposal can be found at www.lamprecycle.org.

Printed in the U.S.A.
SAVE OUR SKIES

If you were to do the same now, you might think there are fewer stars. Rest assured, the stars are still there, they are just being obscured by light pollution from lighting fixtures that spread or reflect a portion of their illumination upward into the night sky.

If you have flown into an airport at night recently, you have seen it first hand – large pockets of the night sky filled with an orange glow – known as sky glow or light pollution. From the sky, lighting can be something to marvel at, but from the ground, uncontrolled light can block your view of the stars and has even been linked to the disruption of ecosystems.

In recent years there has been an effort to limit or eliminate much of this unwanted light pollution, most notably by the non-profit International Dark-Sky Association and the Illuminating Engineering Society of North America.

By following the guidelines established by these two organizations and by using Dark Sky friendly lighting fixtures, it is possible to achieve safe and effective illumination in your lighting project while helping to eradicate light pollution.

At Hanover Lantern we manufacture a variety of durable, high quality luminaires that are efficient as well as Dark Sky compatible. Our full cutoff and cutoff optics systems direct the light downward to the area that needs illumination – not upward into the night sky.

Our lighting specialists are ready to assist you in choosing a styled, cost effective solution that meets your lighting needs while helping to preserve our dark skies for generations to come.

Do you remember walking outside as a child and marveling at the star filled night sky?

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REFLECTORS
Hanover Lantern offers a variety of sophisticated aluminum reflectors designed to minimize glare and uplight while providing cutoff characteristics. See pages 22 and 23 for specifics of each model.

CUTOFF
Intensity at 90° (horizontal) no more than 2.5% of lamp lumens and no more than 10% of lamp lumens at 80°.

FULL CUTOFF
Zero intensity at or above horizontal (90 degrees above nadir) and limited to a value not exceeding 10% of lamp lumens at 80° above nadir.

Hanover Lantern is committed to producing high quality Dark Sky friendly luminaires and will continue to introduce Full Cutoff lighting fixtures.
Our clean traditional Regency style fixtures will fit in both traditional and contemporary style installations. Combine the Regency fixture with the decorative arms and Zurich pole for the complete assembly.

Full cutoff hydroformed reflector. High performance optics provide quality, uniform lighting. (Lamp not supplied)

- Turned aluminum hang-straight swivel.
- Ballast and component parts mounted inside cast aluminum moisture proof ballast compartment.
- Spun aluminum shade.

- Mogul base 4KV socket. Medium base 4KV socket also available.

- Lens consists of hinged cast aluminum ring with clear tempered flat glass assembly for easy relamping.

22 1/8” H x 22” Diameter
E.P.A. = 1.0 sq. ft.
Post and bracket arm sold separately. See decorative arms and poles on page 20 and 21.

Dark Skies
ENVIRONMENTALLY COMPLIANT LIGHTING
Let Hanover Lantern help you make your project unique. All of our products are available in a wide range of distinctive finishes, with no up charge or delay in delivery. Refer to the back cover for available finishes.

**REGENCY 10500 SERIES**

Our clean traditional Regency style fixtures will fit in both traditional and contemporary style installations. Combine the Regency fixture with the decorative arms and Zurich pole for the complete assembly.

- Type II, III and V Full Cutoff Optics
- Full cutoff hydroformed reflector. High performance optics provide quality, uniform lighting. (Lamp not supplied)
- Turned aluminum hang-straight swivel.
- Ballast and component parts mounted inside cast aluminum moisture proof ballast compartment.
- Spun aluminum shade.
- Mogul base 4KV socket. Medium base 4KV socket also available.
- Lens consists of hinged cast aluminum ring with clear tempered flat glass assembly for easy relamping.

22 1/8" H x 22" Diameter
E.P.A. = 1.2 sq. ft.
Post and bracket arm sold separately. See decorative arms and poles on page 20 and 21.

Dark Skies
ENVIRONMENTALLY COMPLIANT LIGHTING

Hanover Lantern is a Philips group brand
Our clean traditional Regency style fixtures will fit in both traditional and contemporary style installations. Combine the Regency fixture with the decorative arms and Zurich pole for the complete assembly.

Full cutoff hydroformed reflector. High performance optics provide quality, uniform lighting. (Lamp not supplied)

- Turned aluminum hang-straight swivel.
- Ballast and component parts mounted inside cast aluminum moisture proof ballast compartment.
- Spun aluminum shade.
- Mogul base 4KV socket. Medium base 4KV socket also available.
- Lens consists of hinged cast aluminum ring with clear tempered flat glass assembly for easy relamping.

22 1/8" H x 22" Diameter
E.P.A. = 1.2 sq. ft.
Post and bracket arm sold separately. See decorative arms and poles on page 20 and 21.

Let Hanover Lantern help you make your project unique. All of our products are available in a wide range of distinctive finishes, with no up charge or delay in delivery. Refer to the back cover for available finishes.
Type V cutoff reflector system concealed by top dome.

Porcelain mogul base 4KV socket concealed by bottom cone reflector. Medium base 4KV socket also available. (Lamp not supplied)

5 cage and 1 door clear polycarbonate (CP) panels secure with clips and screws. (Contact factory for other panel options.)

GRANDE JAMESTOWN
Type V Cutoff Cone Optics
GRANDE JAMESTOWN

Let Hanover Lantern help you make your project unique. All of our products are available in a wide range of distinctive finishes, with no up charge or delay in delivery. Refer to the back cover for available finishes.

Hanover Lantern is a Philips group brand

Horizontally mounted full cutoff optical assembly with porcelain medium base 4KV socket. Mogul base 4KV socket also available. (Lamp not supplied)

- Cast aluminum square hinged roof for easy relamping.
- 1/8” sodalime tempered glass panel horizontally mounted and sealed with a black continuous gasket.
- Ballast and component parts mounted inside 2 piece cast aluminum moisture proof ballast compartment with removable access door and slide-out ballast tray. (Customer to specify wattage and voltage.)
- Cast aluminum post fitter slips over 3” O.D. post or tenon.

36 11/16” H x 16” W
E.P.A. = 1.5 sq. ft.
Post sold separately.

Dark Skies
ENVIRONMENTALLY COMPLIANT LIGHTING

7638F5 shown in Antique Silver
Let Hanover Lantern help you make your project unique. All of our products are available in a wide range of distinctive finishes, with no up charge or delay in delivery. Refer to the back cover for available finishes.

8438F5 shown in Black

Horizontally mounted full cutoff optical assembly with porcelain medium base 4KV socket. Mogul base 4KV socket also available. (Lamp not supplied)

- Cast aluminum square hinged roof for easy relamping.

- 1/8” sodalime tempered glass panel horizontally mounted and sealed with a black continuous gasket.

- Ballast and component parts mounted inside 2 piece cast aluminum moisture proof ballast compartment with removable access door and slide-out ballast tray. (Customer to specify wattage and voltage.)

- Cast aluminum post fitter slips over 3” O.D. post or tenon.

37 1/8” H x 14 3/4” W
E.P.A. = 1.4 sq. ft.
Post sold separately.
Type V cutoff reflector system concealed by top dome.

Porcelain medium base 4KV socket. Mogul base 4KV socket available. (Lamp not supplied)

Spun aluminum top dome secures to globe with 4 stainless steel screws.

GROSSE POINTE Type V Cutoff Optics Acorn

GROSSE POINTE Clear ripple textured polycarbonate globe, UV stablized.

Let Hanover Lantern help you make your project unique. All of our products are available in a wide range of distinctive finishes, with no up charge or delay in delivery. Refer to the back cover for available finishes.

3176BP shown in Verde
38 1/8" H x 15 5/8" W
Post sold separately.

2 piece cast aluminum water tight ballast compartment. Lower housing has 16 flutes. (Contact factory for ballast selection)

GRANDE RICHMOND Let Hanover Lantern help you make your project unique. All of our products are available in a wide range of distinctive finishes, with no up charge or delay in delivery. Refer to the back cover for available finishes.

9837F3 shown in Rustic Bronze

9 ★ ★ Type III and V Full Cutoff Optics

Horizontally mounted full cutoff optical assembly with porcelain medium base 4KV socket. Mogul base 4KV socket also available. (Lamp not supplied)

- Cast aluminum square hinged roof for easy relamping.

- 1/8” sodalime tempered glass panel horizontally mounted and sealed with a black continuous gasket.

- Ballast and component parts mounted inside 2 piece cast aluminum moisture proof ballast compartment with removable access door and slide-out ballast tray. (Customer to specify wattage and voltage.)

- Cast aluminum post fitter slips over 3” O.D. post or tenon.

35 1/2” H x 15 3/4” W
E.P.A. = 1.4 sq. ft.
Post sold separately.

Dark Skies ENVIRONMENTALLY COMPLIANT LIGHTING

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Let Hanover Lantern help you make your project unique. All of our products are available in a wide range of distinctive finishes, with no up charge or delay in delivery. Refer to the back cover for available finishes.

**GRANDE PLYMOUTH**

**31838F3**
shown in Verde

- Horizontally mounted full cutoff optical assembly with porcelain medium base 4KV socket. Mogul base 4KV socket also available. (Lamp not supplied)
- Horizontally mounted Type III or Type V cutoff optical assembly with porcelain mogul base 4KV socket mounted in roof. Medium base 4KV socket also available. (Lamp not supplied)

- Cast aluminum square hinged roof for easy relamping.
- 1/8” sodalime tempered glass panel horizontally mounted and sealed with a black continuous gasket.
- Ballast and component parts mounted inside 2 piece cast aluminum moisture proof ballast compartment with removable access door and slide-out ballast tray. (Customer to specify wattage and voltage.)
- Cast aluminum post fitter slips over 3” O.D. post or tenon.

- 38 5/8” H x 14 13/16” W
- E.P.A. = 1.5 sq. ft.
- Post sold separately.

**Dark Skies**
ENVIRONMENTALLY COMPLIANT LIGHTING

Hanover Lantern is a Philips group brand
White spun aluminum dome conceals Type III or Type V reflector and porcelain mogul base 4KV socket. Medium base 4KV socket also available. (Lamp not supplied)

Let Hanover Lantern help you make your project unique. All of our products are available in a wide range of distinctive finishes, with no up charge or delay in delivery. Refer to the back cover for available finishes.
Spun aluminum roof cutoff segmented reflector.

High performance optics provide quality, uniform lighting.
(Lamp not supplied)

- Decorative die cast aluminum band and legs secure with stainless steel screws to pod.
- Clear acrylic (CA) globe.
- Cast aluminum top and bottom cage rings hinged for easy relamping.
- 2 piece cast aluminum water tight ballast compartment.

Hanover Lantern is a Philips group brand
GRANDE PLYMOUTH

Type III and Type V Cutoff Optics

- Cast aluminum solid hinged roof. To relamp, remove thumbscrew.

- Horizontally mounted optical assembly with porcelain mogul base 4KV socket mounted in roof. (Lamp not supplied)

- 4 clear acrylic (CA) cage panels secure to cage with clips and screws. (Contact factory for other panel options)

- 3/4 frosted glass chimney with burnished and lacquered brass chimney holder. (Not electrified)

- 2 piece moisture proof cast aluminum ballast housing with ballast and component parts mounted inside. Customer must specify desired type of ballast.

32 5/8" H x 14 13/16" W
Post sold separately.

Let Hanover Lantern help you make your project unique. All of our products are available in a wide range of distinctive finishes, with no up charge or delay in delivery. Refer to the back cover for available finishes.

Hanover Lantern is a Philips group brand
White spun aluminum dome conceals Type III or Type V reflector and porcelain mogul base 4KV socket. Medium base 4KV socket also available. (Lamp not supplied)

- Cast aluminum roof neck houses twist-lock photocell and receptacle. Neck secures to roof adapter with stainless steel set screws. (Customer to specify voltage desired.) (Photocell can be rotated 360º.)

- Roof is hinged with self captive, spring-loaded fastener for easy relamping.

- Clear polycarbonate UV stabilized molded body.

- 3/4 frosted glass chimney with brass chimney holder. (Not electrified)

- 2 piece moisture proof cast aluminum ballast housing with ballast and component parts mounted inside. Customer must specify desired type of ballast.

50 1/8" H x 17 1/2" W
Post sold separately.

Dark Skies
ENVIRONMENTALLY COMPLIANT LIGHTING
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**GRANDE ESSEX**

**Type III and Type V Cutoff Optics**

*Horizontally mounted Type III or Type V cutoff optical assembly with porcelain mogul base 4KV socket mounted in roof. Medium base 4KV socket also available.*

(Lamp not supplied)

- Cast aluminum solid hinged roof. To relamp, remove thumbscrew.
- 4 clear acrylic (CA) cage panels secure to cage with clips and screws. (Contact factory for other panel options)
- 3/4 frosted glass chimney with burnished and lacquered brass chimney holder. (Not electrified)
- Ballast and component parts mounted inside 2 piece cast aluminum moisture proof ballast compartment with removable access door and slide-out tray. Customer must specify desired type of ballast.

36 11/16" H x 16" W
Post sold separately.
Type V cutoff reflector system concealed by top dome.
Porcelain medium base 4KV socket.
Mogul base 4KV socket available.
(Lamp not supplied)

- Spun aluminum top dome secures to globe with 4 stainless steel screws.

- Clear ripple textured polycarbonate globe, UV stabilized.

- 2 piece cast aluminum water tight ballast compartment. Lower housing has 16 flutes. (Contact factory for ballast selection)

38 1/8" H × 15 5/8" W
Post sold separately.

Let Hanover Lantern help you make your project unique. All of our products are available in a wide range of distinctive finishes, with no up charge or delay in delivery. Refer to the back cover for available finishes.
Let Hanover Lantern help you make your project unique. All of our products are available in a wide range of distinctive finishes, with no up charge or delay in delivery. Refer to the back cover for available finishes.

53630RS
shown in Rustic Bronze

Type V Cutoff Optics

- Spun aluminum roof secures to cast aluminum top ring with 2 brass thumbscrews. To relamp, remove thumbscrews.

- Clear DR acrylic body.

- Ballast and component parts mounted inside 2 piece cast aluminum moisture proof ballast compartment. Customer must specify ballast, wattage and voltage desired.

53630RS shown in Rustic Bronze

Roof mounted cutoff
Type V reflector.
Medium base 4KV socket concealed by painted aluminum sleeve.
(Lamp not supplied)

36 3/4" H x 17 3/4" W
Post sold separately.

Dark Skies
ENVIRONMENTALLY COMPLIANT LIGHTING

Hanover Lantern is a Philips group brand
Type V Cutoff Cone Optics

- Cast aluminum hex roof secures to cage with two 1/4-20 stainless steel screws. Top cone reflector hidden inside roof.

- 5 cage and 1 door clear polycarbonate (CP) panels secure with clips and screws. (Contact factory for other panel options.)

- Cast aluminum hex cage with cast aluminum removable door for easy relamping.

- Bottom cone reflector.

- Ballast and component parts mounted inside 2 piece cast aluminum moisture proof ballast compartment. Customer must specify wattage and voltage.

42 7/8" H x 20 3/4" W
Post sold separately.

30834C5 shown in Weathered Bronze
Let Hanover Lantern help you make your project unique. All of our products are available in a wide range of distinctive finishes, with no up charge or delay in delivery. Refer to the back cover for available finishes.

- Aluminum roof secures to bollard with one stainless steel screw for easy relamping.
- Porcelain medium base socket concealed by your choice of reflector optics. (150 watts maximum - incandescent) (Lamp not supplied.)
- Porcelain 4KV medium base socket concealed by your choice of reflector optics. (100 watts maximum - H.I.D., 120, 208, 240, 277 volt)
- Fluorescent 4 pin (PL-T) socket supplied on EF models. Electronic ballast supplied. (120 or 277 volt - 50 or 60 HZ available). 26 watt maximum (160C5EF & 161C5EF) 42 watt maximum (all other models)
- Loosen one side set screw and the entire top post lantern twists and releases from stationary cast aluminum anchor base. Quick disconnects supplied.

42 1/4" H x 8" W (Both square and round)
Let Hanover Lantern help you make your project unique. All of our products are available in a wide range of distinctive finishes, with no up charge or delay in delivery. Refer to the back cover for available finishes.

- Aluminum post is attached with a continuous weld to Zurich base.

- Cast aluminum removable access door secures with two stainless steel screws.
### Bracket Arms Designed to Complement the Zurich Base and Regency Series

#### Zurich Bracket Arms

**Model: 276 E.P.A. Table**
- **Base:** Zurich
- **Material:** Aluminum Alloy #356HM
- **Shaft:** 4" x 3" x .125"
- **Material:** Aluminum Alloy 6063-T6

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**Model: 277 E.P.A. Table**
- **Base:** Zurich
- **Material:** Aluminum Alloy #356HM
- **Shaft:** 4" x .125"
- **Material:** Aluminum Alloy 6063-T6

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**Model: 278 E.P.A. Table**
- **Base:** Zurich
- **Material:** Aluminum Alloy #356HM
- **Shaft:** 4" x .125"
- **Material:** Aluminum Alloy 6063-T6

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**Model: 279 E.P.A. Table**
- **Base:** Zurich
- **Material:** Aluminum Alloy #356HM
- **Shaft:** 4" x .188"
- **Material:** Aluminum Alloy 6063-T6

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**Model: 281 E.P.A. Table**
- **Base:** Zurich
- **Material:** Aluminum Alloy #356HM
- **Shaft:** 5" x 4" x .188"
- **Material:** Aluminum Alloy 6063-T6

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21
### Full Cutoff Four Sided Units

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### Type V Four Sided Units

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### Type III Four Sided Units

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### Type III Six Sided Units

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### Type V Six Sided Units

<table>
<thead>
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<tbody>
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<td>14 13/16&quot; W</td>
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### Full Cutoff Four Sided Units

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<td>14 13/16&quot; W</td>
<td>250w</td>
</tr>
</tbody>
</table>
If you were to do the same now, you might think there are fewer stars. Rest assured, the stars are still there, they are just being obscured by light pollution from lighting fixtures that spread or reflect a portion of their illumination upward into the night sky. If you have flown into an airport at night recently, you have seen it first hand – large pockets of the night sky filled with an orange glow – known as sky glow or light pollution. From the sky, lighting can be something to marvel at, but from the ground, uncontrolled light can block your view of the stars and has even been linked to the disruption of ecosystems.

In recent years there has been an effort to limit or eliminate much of this unwanted light pollution, most notably by the non-profit International Dark-Sky Association and the Illuminating Engineering Society of North America. By following the guidelines established by these two organizations and by using Dark Sky friendly lighting fixtures, it is possible to achieve safe and effective illumination in your lighting project while helping to eradicate light pollution.

At Hanover Lantern we manufacture a variety of durable, high quality luminaires that are efficient as well as Dark Sky compatible. Our full cutoff and cutoff optics systems direct the light downward to the area that needs illumination – not upward into the night sky. Our lighting specialists are ready to assist you in choosing a styled, cost effective solution that meets your lighting needs while helping to preserve our dark skies for generations to come.

Do you remember walking outside as a child and marveling at the star filled night sky?
THREE YEAR LIMITED WARRANTY

Hanover Lantern, Inc. warrants its products against defects in material and workmanship. Without charge, Hanover Lantern, Inc. will either repair or replace (Hanover Lantern, Inc. reserves the right to decide between repair or replacement) any properly installed Hanover Lantern, Inc. product that fails under normal operating conditions within three years from the date of shipment, provided it is returned to the factory, transportation prepaid, and our inspection determines it to be defective under the terms of this warranty.

The warranty covers only equipment manufactured by Hanover Lantern, Inc. and does not extend to transportation, installation or replacement charges; nor does it apply to any equipment of another manufacturer used in conjunction with Hanover Lantern, Inc. equipment.

No other warranty, expressed or implied, exists beyond that included in this statement.

23 Choices of Finish

- Black
- Almond
- Architectural Bronze
- Antique Brass
- Verde
- Antique Silver
- Weathered Bronze
- Antique Red
- Verde Bronze
- Forest Green
- Verde Copper
- White
- Brown
- Black Cherry
- Antique Copper
- Rustic Bronze
- Landscape Brown
- Dark Bronze
- Shadow Green
- Shadow Rust
- Ironstone
- Vintage Copper
- Granite

Hanover Lantern is a Philips group brand

350 Kindig Lane, Hanover, PA 17331

Phone: (717) 632-6464
Fax: (717) 632-5039
Email: sales@hanoverlantern.com
Web: www.hanoverlantern.com

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Publication M9241-0408

Some luminaires use fluorescent or high intensity discharge (HID) lamps that contain small amounts of mercury. Such lamps are labeled “Contains Mercury” and/or with the symbol “Hg”. Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycling and disposal can be found at www.lamprecycle.org.

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