**PHILIPS**
**LUMEC**

Urban

SleekVision

Featuring ClearGuide Technology

LED

# The future
# is clear

Welcome to cutting-edge LED performance, unique visual comfort and a fresh, new style in any outdoor space

Night time comfort
has never **looked**
**so good**

# **Forward thinking,** functional lighting

Now you can enjoy high-performing, energy-saving LED technology without worrying about the harsh glare or pixelization that can occur with LED luminaires. With the full, comfortable glow of new Philips Lumec SleekVision Luminaires with ClearGuide Technology, you can breathe new life into nighttime city spaces, strengthen a community bond, and enhance a sense of security throughout the night.

These state-of-the-art, contemporary outdoor urban post top and bollard luminaires use a revolutionary, unique, vertically-oriented light engine that creates transparency during the day; while at night, the center comes to life with full illumination, and free from the glare typically found in standard LED technologies.

# ClearGuide
# **leads the way**

SleekVision's proprietary ClearGuide Technology was specifically designed to mitigate pixelization and glare commonly associated with LED illumination. This breakthrough vertical light engine allows SleekVision post top and bollard luminaires to provide a full, comfortable glow.

ClearGuide Technology is vertically-mounted, and light is distributed through a light guide with precision rings. This allows light to be optimally distributed for maximum spacing and target lumens without directly exposing viewers to the LEDs. ClearGuide controls glare without compromising performance, providing visual comfort and excellent facial recognition, to help to enhance a sense of security in your city.

# A clear difference

**Enjoy a nighttime walk** on a clearly-lit path

**ClearGuide's light guide mitigates pixelization and glare, providing a full, comfortable glow**

**Illumination is vertically oriented, providing excellent facial recognition**

**Optimal light distribution, spacing and target lumens without direct view of the LED's**

# Fresh, modular
## family style

SleekVision
Bollard
(VBC)

SleekVision
Post Top
(VLC)

- Two distinct configurable post top and bollard luminaire styles
- Scalable lumen packages
- Enhanced visual comfort
- Flexible style options
- Connected lighting options
- Programmable driver options, dimming and motion response options.

SleekVision
Post Top with Cage
(VLC–CAGE)

SleekVision
Bollard with Cage
(VBC–CAGE)

# A seamless uniformity
**throughout your design**

Express your individual style throughout the space with SleekVision's unique, modular and contemporary family style, including post tops and bollards. This family approach brings a seamless uniformity throughout your design and outdoor space, helping to reflect the environment's unique identity. With a variety of style options and scalable lumen outputs, you can personalize the look and feel of any outdoor space to evoke vitality and a sense of security.

# Efficiently maximize the night

Compared to non-LED technologies, SleekVision post top and bollard luminaires are energy efficient to help reduce maintenance and operating costs. Connected lighting options help to further optimize lighting-related energy expenses compared to incumbent technologies.

Demonstrate a commitment to sustainability through LED's distinctive energy savings, reduced unsightly light pollution and reduced maintenance and operating costs. Attract visitors to beautiful and well-lit outdoor spaces that evoke vitality, comfort and a sense of security.

Long life to reduce relamping and other maintenance costs

Energy efficient LED reduces operating costs for an expedited ROI

Further enhanced efficiency through optional standalone and connected lighting solutions

# Further
## enhance efficiency

## Luminaire solutions

Basic. Autonomous. Affordable.

Simple, individual outdoor lighting dimming and management without the need for remote access.

- **Dynadimmer Stand-alone Dimming Profile**
- **Programmable Motion Response**

## City solutions

Advanced. Powerful. Extensive.

Widespread or multi-site lighting management with detailed asset management that can grow along with your needs.

- **CityTouch Connected Lighting System**

## Do you want more?

You can enhance your connected lighting systems with the options below.

- **Adjustable Start Up Time**
- **Constant Light Output**
- **Over the Life**

For more information on Philips stand-alone and connected outdoor lighting solutions, visit www.philips.com/luminaires and select Controls Outdoor, or request our outdoor lighting solutions brochure.

## Die-Cast Heat Sink

Rugged, die-cast aluminum heat sink for maximum durability.

## Connectivity

Optional 5-pin and 7-pin NEMA twist lock receptacles available for connectivity.

## ClearGuide Technology

IES Type III and Type V (asymmetrical and symmetrical).

## IP66-Rated

IP66 sealed to protect against dust and moisture so that LED life is extended.

## Globe

Acrylic or Polycarbonate globe options.

## Dimming Driver

The dimming driver (0-10V) is standard, enabling SleekVision to be combined with additional controls, now or in the future.

## Driver Tray

Accessible driver tray inside of the fitter is easily removable if needed.
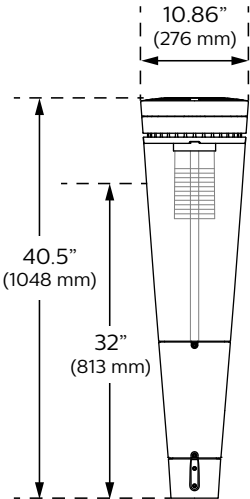
## Mounting

Comes with an easy self-adjusting system with two 2 set screws. Standard tenon fits on a 4" OD by 4" long tenon. Option for 3" or 3 1/2'' OD by 4".
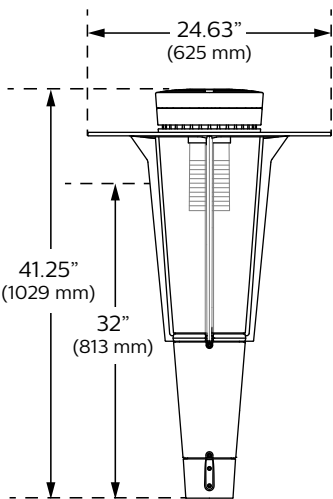
# Technical and ordering information
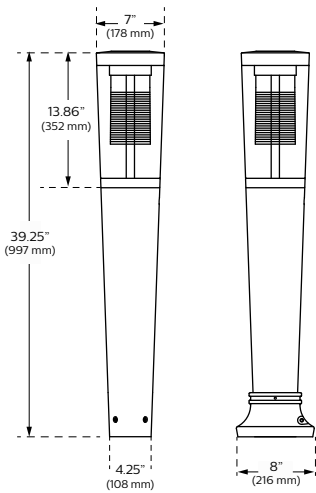
## Dimensions

**Post Top
(VLC)**

10.86"
(276 mm)

40.5"
(1048 mm)

32"
(813 mm)

**Weight:** 37 lb. (16.8 kg)
**EPA:** . 2.4 sq. ft.

**Post Top with Cage
(VLC–CAGE)**

24.63"
(625 mm)

41.25"
(1029 mm)

32"
(813 mm)

**Weight:** 52 lb. (23.6 kg)
**EPA:** 3.0 sq. ft.

**Bollard (VBC)**

7"
(178 mm)

13.86"
(352 mm)

39.25"
(997 mm)

4.25"
(108 mm)

8"
(216 mm)

**Weight:** 25 lbs (11.3 kg)

**Bollard with Cage
(VBC–CAGE)**

10.86"
(276 mm)

13.86"
(352 mm)

39.25"
(997 mm)

4.25"
(108 mm)

8"
(216 mm)
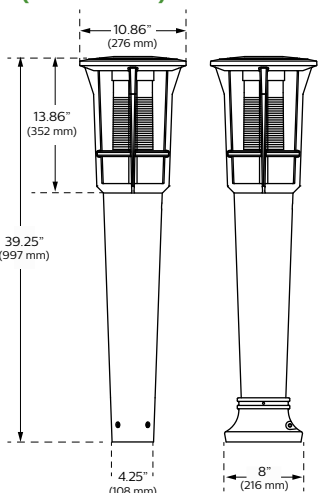
**Weight:** 31 lbs (14.1 kg)

**Bollard Bolt Circle Pattern**

1.375"
(35 mm)

2.75" Ø
(69.8 mm)
Bolt Circle

45°

4" Ø
(102 mm)
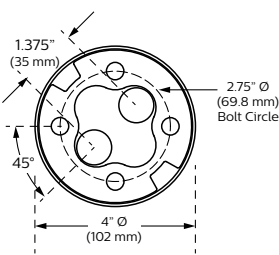
## Optical distributions

Type III

Type V

# Technical and ordering information

## Ordering Guide – Post Top

**example:** VLC–30L350NW–G1–ACDR–C–5–DE25–PH8–GY3TX

| Luminaire<br>**VLC** | LED Module | Board Generation<br>**G1** | Globe Material | Globe Finish<br>**C** | Optical System | Voltage | Driver Options[2] | Luminaire Options | Luminaire Accessories | Poles & Brackets | Finish |
|---|---|---|---|---|---|---|---|---|---|---|---|
| VLC<br>SleekVision Post Top | *Type 3, 29 LEDs*<br>**29L350NW**<br>**29L530NW**<br>**29L700NW**<br>**29L820NW**<br>**29L350WW**<br>**29L530WW**<br>**29L700WW**<br>**29L820WW**<br><br>*Type 5, 30 LEDs*<br>**30L350NW**<br>**30L530NW**<br>**30L700NW**<br>**30L820NW**<br>**30L350WW**<br>**30L530WW**<br>**30L700WW**<br>**30L820WW** | **G1**<br>Gen 1 | **ACDR**<br>Acrylic Globe<br><br>**PC**<br>Poly-carbonate Globe | **C**<br>Clear | **3**<br>Type III<br><br><br><br><br>**5**<br>Type V | **UNV**<br>120–277<br><br>**HVU**<br>347–480 | **AST**<br>**CLO**<br>**DALI**<br>**Dynadimmer**<br>**DCP**<br>Economy Profile<br>**DE25**<br>**DE50**<br>**DE75**<br>Median Profile<br>**DM25**<br>**DM50**<br>**DM75**<br>Safety Profile<br>**DS25**<br>**DS50**<br>**DS75**<br>**OTL** | **CAGE**<br>**HS**<br>**OVR**<br>**SP2**<br>**TLRD5**<br>**TLRD7**<br>**TN3**<br>**TN3.5** | **PH8**<br>**PH8/347**<br>**PH8/480**<br>**PH9**<br>**PHXL** | *Consult Philips.com/ luminaires for details and the complete line of Philips poles and brackets.* | **BE2TX**<br>**BE6TX**<br>**BE8TX**<br>**BG2TX**<br>**BKTX**<br>**BRTX**<br>**GN4TX**<br>**GN6TX**<br>**GN8TX**<br>**GNTX**<br>**GR**<br>**GY3TX**<br>**NP**<br>**RD2TX**<br>**RD4TX**<br>**TG**<br>**TS**<br>**WHTX**<br>*Consult Specification Sheet for complete finish code descriptions* |

## Ordering Guide (Accessories) – Motion Response*

Must be ordered as a separate line item
*OVR option is required for Motion Response Accessory

| Accessory<br>**ACC** | Voltage | Motion Response Module | Finish |
|---|---|---|---|
| | **120**<br>**277** | **MR4PG1**  Single Grey<br>**MR4PG2**  Double Grey<br>**MR4PW1**  Single White<br>**MR4PW2**  Double White | See ordering guide |

## Ordering Guide – Bollard

**example:** VBC–15L100NW–G1–5–120–DE25–PH7–GY3TX

| Luminaire<br>**VBC** | LED Module | Board Generation<br>**G1** | Optical System | Voltage | Driver Options | Bollard Options | Anchor Bolts | Bolt Circle<br>**23/4+** | Finish |
|---|---|---|---|---|---|---|---|---|---|
| VBC<br>SleekVision Bollard | **15L100NW**<br>**15L350NW**<br>**15L100WW**<br>**15L350WW** | **G1**<br>Gen 1 | **3**<br>Type III<br>**5**<br>Type V | **120**<br>**208**<br>**240**<br>**277**<br>**347**<br>**480** | **AST**<br>**CLO**<br>**DALI**<br>**Dynadimmer**<br>**DCP**<br>Economy Profile<br>**DE25**<br>**DE50**<br>**DE75**<br>Median Profile<br>**DM25**<br>**DM50**<br>**DM75**<br>Safety Profile<br>**DS25**<br>**DS50**<br>**DS75**<br>**OTL** | **MR**<br>**OVR**<br>**PH7**<br>**SBT**<br>**SP2**<br>**HS**<br>**VPA** | **3/8x12**<br>4 Steel Anchor Bolts<br><br>**3/8x12-G**<br>4 Steel Anchor Bolts - Fully Galvanized | **2 3/4+**<br>Cross Pattern | **BE2TX**<br>**BE6TX**<br>**BE8TX**<br>**BG2TX**<br>**BKTX**<br>**BRTX**<br>**GN4TX**<br>**GN6TX**<br>**GN8TX**<br>**GNTX**<br>**GR**<br>**GY3TX**<br>**RD2TX**<br>**RD4TX**<br>**TS**<br>**TG**<br>**WHTX**<br>*Consult Specification Sheet for complete finish code descriptions* |

Prior to ordering, consult specification sheets on philips.com/luminaires for the most current information, notes, and exclusions.

# Technical and ordering information

## Post Top and Bollard Driver Option Details

Dynadimmer Profiles

| Ordering Code | Scenario | Dimming Time | Dimming Level |
|---|---|---|---|
| **DS25** | Safety | 4 hours | 25% power dimming |
| DS50 | Safety | 4 hours | 50% power dimming |
| **DS75** | Safety | 4 hours | 75% power dimming |
| DM25 | Median | 6 hours | 25% power dimming |
| **DM50** | Median | 6 hours | 50% power dimming |
| DM75 | Median | 6 hours | 75% power dimming |
| **DE25** | Economy | 8 hours | 25% power dimming |
| DE50 | Economy | 8 hours | 50% power dimming |
| **DE75** | Economy | 8 hours | 75% power dimming |
| DCP | Programmable | Determined by user | Determined by user |

**CLO:** Pre-set driver to manage the lumen depreciation by adjusting the power given to the LEDs offering the same lighting intensity during the entire lifespan of the LED module.

**AST:** Pre-set driver for progressive start-up of the LED module(s) to optimize energy management and enhance visual comfort at start-up.

**OTL:** Pre-set driver to signal end of life of the LED module(s) for better fixture management.

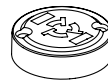**DALI:** Pre-set driver compatible with the DALI control system.
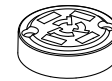
## Post Top Options Details



**HS**
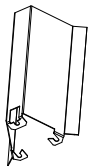
House Side Shield
*Factory installed only*
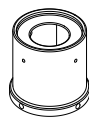
**TN3:** Fitter to fit over a 3" (76 mm) O.D. by 4" (102 mm) long tenon

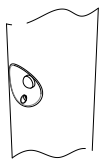**TN3.5:** Fitter to fit over a  3 1/2" (89 mm) O.D. by 4" (102 mm) long tenon
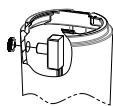
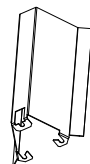**TLRD5**

Receptacle with 5 pins

**TLRD7**

Receptacle with 7 pins

## Bollard Options Details

**MR**

Motion Response

**OVR**

Dynadimmer Override Function

**PH7**

Button Eye Photocell

**SP2**

Surge Protection, 20KV 20KA 120–277

**HS**

House Side Shield
*Factory installed only*

**VPA**

Vandal proof hardware

## Post Top Accessory Details

**PH8, PH8/347, PH8/480**

Twist Lock Photoelectric cell

**PHXL**

Extended life Photoelectric cell

**PH9**

Shorting cap, Twist-lock Type complete with receptacle.

Visit **www.philips.com/clearguide** to learn more and experience the fresh, clear illumination that SleekVision post top and bollard luminaires provide.
Or schedule a demonstration by contacting your local Philips sales representative.

**PHILIPS**