

**PHILIPS
LUMEC**

Urban

TownGuide



Affordable solutions designed around your needs

Post-Top luminaires combining versatility in style,
energy savings and excellent value for money.



Flat Cone



Classic Cone



Classic T

Post-top luminaire options **for any budget**

Philips Lumec TownGuide LED Post-Top luminaires meet specifications without compromising your budget. With a wide choice of designs and unbeatable value, TownGuide is ideal for any urban project.

TownGuide is available in three modern shapes: Flat Cone, Classic Cone and Classic T. Each offers configuration options including clear or frosted bowls, and a range of lumen packages, so it's easy to select the right solution to suit new lighting applications or seamlessly blend into existing areas.

In addition to style options, TownGuide helps to minimize wasted light and energy, and also maximizes total cost of ownership, to reduce overall costs while complying with applicable lighting requirements.



Connected lighting flexibility

As city life constantly changes, we understand that it's challenging to light streets, roads and public spaces while balancing the need for attractive environments, reduced energy costs and compliance with environmental requirements. Our TownGuide connected lighting solutions help you to achieve all these goals, for a beautiful and sustainable city environment.

Modern and retro styles

We offer designs that suit the period, from historic or traditional to today's contemporary style. The wide choice of shapes and globe finishes let you mix and match to meet any specific requirement and application.

LED configuration patterns

TownGuide offers several LED configurations, delivering a wide range of lumen packages. These luminaires offer a life expectancy of 70,000 hours*. Our 6-sided LED modules each contain 30 mid-power LEDs. They are covered by lens plates for highly efficient light distribution and are combined into 4-, 6-, and 8-module options for increased flexibility. Mid-power LEDs operate on a low drive current, where the intensity per LED is lower and spread over a larger surface area. This results in an improved perception of glare and visual comfort.

* (L_{70} = 70,000 hrs at ambient temperature = 25°C)



Recommended Applications

Wherever you want to provide good, functional outdoor lighting, TownGuide LED post-top luminaires will aid in guidance and orientation, and also enhance a sense of safety, while aiding your sustainability requirements.

And, with many styles and photometry options to choose from, TownGuide LED post-top luminaires are ideal for:

- Campuses
- City centers
- City streets
- Green projects
- Parks and recreation
- Pedestrian areas and bicycle paths
- Public areas
- Many more outdoor areas

Features & Benefits

Style

Features

Choice of three styles:

Flat Cone, Classic Cone and Classic T

Choice of two globe finishes:

Frosted or clear

Benefits

Suits new lighting applications and also seamlessly blends into existing areas



Flat Cone clear



Classic Cone clear



Classic T clear



Flat Cone frosted



Classic Cone frosted



Classic T frosted

Sustainability

Features

Energy efficient luminaire

IP66 rated luminaire for ingress protection from dust and water

Suitable for new installations or one-to-one replacement in existing applications

Benefits

Uses less energy compared to HID luminaires

Improves luminaire lifetime and reduces replacement costs related to physical or environmental damage

Reliable, long-lasting, low-maintenance LED lighting solution

Photometry

Features

State-of-the-art mid-power LEDs

Lumen packages ranging from
3,100 to 9,800 lumens

Dedicated LED optics / types II, III and V

4-, 6-, and 8-module options

Benefits

Increased visual comfort

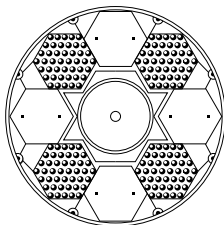
Meets wide range of project requirements

Provides high quality, uniform light distribution

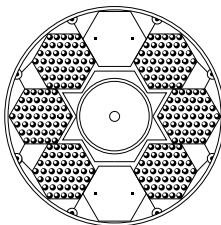
Better control on light trespass

Increased flexibility

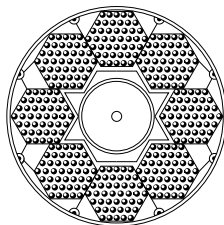
Arrangement of the LED modules in the luminaire, viewed from the road axis.



4 modules,
120 LEDs



6 modules,
180 LEDs



8 modules,
240 LEDs



Advanced Outdoor Lighting Solutions

Control ready solutions

Ships standard with 0-10 V driver:

- Dimming compatible

Optional 5-pin and 7-pin receptacles for dimming:

- Control ready for future proofing
- Compatible with dimming control per ANSI C136.41



Luminaire solutions

Are you looking for simple, individual outdoor lighting control without the need for remote access? If so, our stand-alone luminaire managed lighting solutions may suit your needs.

Solution

Dynadimmer Stand-alone Dimming Profile

Features

Schedules and dimming optimized for safety and economy.

Pre-programmed scenarios make the Dynadimmer a simple solution.



City solutions

Do you require widespread or multi-site lighting management with detailed asset management? Are you seeking a lighting solution that can grow along with your needs? If so, our robust remote managed lighting solutions may suit your needs.

Solution

CityTouch Connected Lighting System with
Starsense Dimmable Lighting Control
(Dim and On/Off)

Features

Gives you the power to make the lighting in your city dynamic, intelligent and totally flexible.

Makes planning, analyzing and managing your lighting infrastructure very simple.

Dimming capability through industry standard twist lock receptacle.

Do you want more?

You can enhance any of our connected lighting systems with the option below.

Solution

Constant light output

Feature

Management of light output to maintain lighting uniformity and intensity.

CityTouch connected lighting system with
Starsense Dimmable Lighting Control –

**flexibility when
you need it**

Starsense controller provides outdoor luminaire on/dim/off control and energy metering, while communicating notifications and data. When integrated with CityTouch light wave remote lighting asset management software, you can easily plan, analyze and manage your entire lighting infrastructure from individual luminaires to entire districts. Starsense uses a highly secure mesh network technology that utilizes a gateway to connect to any lamp type, for added flexibility.



LED details and lifespan

Features	Benefits
Mid-power LEDs operate on a low drive current. The intensity per LED is therefore lower and spread over a larger surface area	Improved perception of glare and visual comfort
Long lifetime 70,000 hours (L ₇₀ = 70,000 hrs. at ambient temperature = 25°C)	Reduced maintenance costs and lower electrical bills vs HID
4000K Color Temperature (contact factory for 3000K options)	Produces improved color rendering vs. HID for greater perception.

Ordering guide

Example: PBDP100-101W240LED4K-MP-PC-C-LE5-UNIV-CDMGM25-RCD-PH8-P120-12-GR

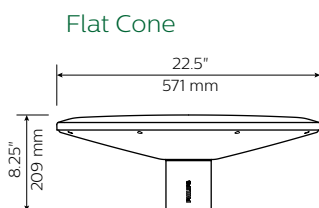
Series	Lamp	Lamp type	Globe material	Globe finish	Optical system	Voltage	Driver options	Luminaire options	Luminaire accessory	Pole type & height	Finish
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
PBDP100 Flat Cone PBDP102 Classic Cone PBDP103 Classic T	50W120LED4K 61W120LED4K 75W180LED4K 95W240LED4K 101W240LED4K	MP	PC	FO ¹ C	LE2 LE3 LE5	UNIV	CLO AST OTL DALI CDMGS25 CDMGS50 CDMGS75 CDMGM25 CDMGM50 CDMGM75 CDMGE25 CDMGE50 CDMGE75	RCD ² RCD7 ²	SPC ³ SPCD ³ PH8 PH8XL PH9	P120-8 P120-10 P120-12 P120-14 P150-8 P150-10	BKST BRST GR MGY WHST

1 When **FO** globe finish is selected, we recommend the **LE5** optical system for optimized distribution patterns.

2 Use of Luminaire accessory **SPC**, **SPCD**, **PH8**, **PH8XL**, or **PH9** is required to ensure proper illumination.

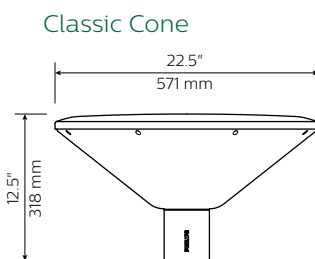
3 **CDMG** and **DALI** driver options are not available with this option.

Luminaire dimensions



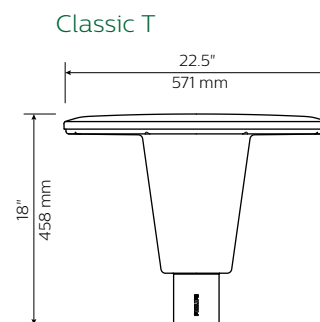
EPA: 0.5489 sq. ft.

Weight: 14.06 lbs



EPA: 0.9472 sq. ft.

Weight: 14.72 lbs



EPA: 1.001 sq. ft.

Weight: 15.98 lbs

Life rating

70,000 hours: Based on TM 21 extrapolation to get results after which 50% of LEDs still emit over 70% (L_{70}) of the original lumen output at 25° C

Lamp type

MP: 30 MP mid power white LEDs. Color temperature of 4000 Kelvin nominal

Globe material

PC: One-piece seamless impact resistant injected-moulded UV-stabilized polycarbonate

Globe finish

FO: Frosted

C: Clear

Optical system

LE2: Type II asymmetrical

LE3: Type III asymmetrical

LE5: Type V symmetrical

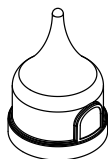
Voltage

UNIV: Auto-adjusting universal voltage input from 120 to 277 VAC rated for both application line to line or line to neutral, Class I, THD of 20% max.

Driver options

CLO:	Pre-set driver to manage lumen depreciation		
AST:	Pre-set driver for progressive start-up		
OTL:	Pre-set driver to signal end of lamp life		
DALI:	Pre-set driver compatible with the DALI control system		
CDMG:	Dynadimmer standard dimming functionalities including pre-programmed scenarios		
Ordering Code	Scenario	Dimming Time	Dimming Level
CDMG S25	Safety	4 hours	25% power dimming
CDMG S50	Safety	4 hours	50% power dimming
CDMG S75	Safety	4 hours	75% power dimming
CDMG M25	Median	6 hours	25% power dimming
CDMG M50	Median	6 hours	50% power dimming
CDMG M75	Median	6 hours	75% power dimming
CDMG E25	Economy	8 hours	25% power dimming
CDMG E50	Economy	8 hours	50% power dimming
CDMG E75	Economy	8 hours	75% power dimming

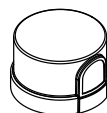
Luminaire accessories



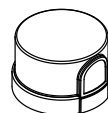
SPC: Starsense Photocell control node, on-off



SPCD: Starsense Photocell control node, dimming



PH8: Photoelectric cell



PH8XL: Photoelectric cell, extended life



PH9: Shorting Cap

Luminaire options



RCD: 5-Pin receptacle for dimming photoelectric cell



RCD7: 7-Pin receptacle for dimming photoelectric cell

Poles

P120: 413F, low-copper cast aluminum. 6063-T6 extruded aluminum. Anchor rods are hot dipped galvanized steel. Tenon/Top: 3" OD., Bolt Circle: 7 1/2" - 9 1/2", Anchor Rods: (4) 3/4" dia. x 19", Base Dimensions: 11 1/2" dia. x 2 3/8", Base Cover: (Included) 12 1/8" dia. x 3 1/4", Hand Hole: 2" x 4" Oval, Shaft: 4" - 3" Tapered, Wall Thickness: 0.125 Aluminum, Height: 8', 10', 12', 14'

P150: 356 HM high-strength, low-copper, proprietary cast aluminum alloy. 319 permanent mold aluminum. 6005-T5 extruded aluminum. Anchor rods are hot dipped galvanized steel. Tenon/Top is 3" OD., Bolt Circle: 7", Anchor Rods: (3) 1/2" dia. x 15 1/2", Base Dimensions: 9 5/8" dia. x 1 3/8", Base Cover: (included) 10 1/4" dia. x 2 3/4", Hand Hole: 2" x 4" Oval, Shaft: 3" Straight, Wall Thickness: 0.125 Aluminum, Height: 8' or 10'

Luminaire finish

BKST: Black sand textured

BRST: Bronze sand textured

GR: Dark gray sand textured

MGY: Medium gray sand textured

WHST: White sand textured

Consult factory for custom finish options.

