



PHILIPS

Professional lighting

Outdoor & Public



Lighting up cities
**safely and
efficiently**

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Illuminating cities

An aerial night photograph of a city, likely Dubai, showing several tall, modern skyscrapers with their facades and tops brightly lit with warm yellow and orange lights. The surrounding urban area is also visible, with smaller buildings and streets illuminated. The overall scene is a vibrant display of city lighting at night.

Lighting accounts for 19 per cent of the world's electricity consumption, so there's a strong need to get the bright and right lights up and running for urban and rural regions in an efficient manner. Within this, street lights make up 15% of the total consumption, so by making the switch to LED, every city can achieve significant savings of at least 40% or up to 80% when paired with intelligent controls. New lighting technologies can potentially reduce carbon emissions by 670 million tons of CO₂, which is equivalent to what's generated by 642 power plants.

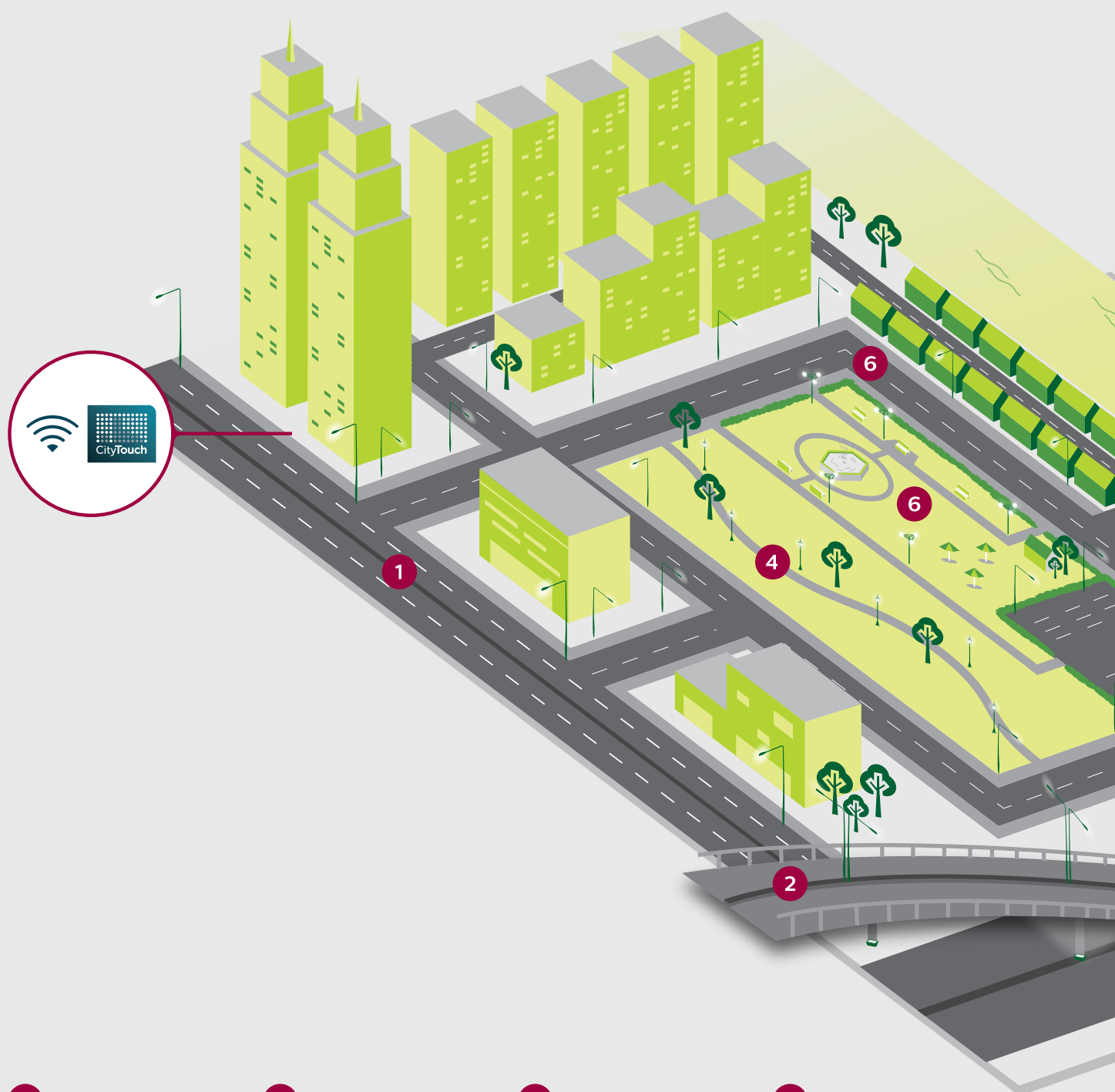
Sustainability – LED lighting is an efficient and easy way forward for cities wanting to lower its carbon footprint. Simple to install, built without any hazardous materials, and housed in quality luminaires that are easily recyclable, LED road and street lights are brighter and more uniform in its light distribution level, requiring little or no maintenance as they are engineered and tested to be long-lasting.

Designed for harsh environments – 70% of the world's worst lightning strikes and thunderstorms occur in the tropics, in Central Africa and Southeast Asian countries located near the equator. LED lights for roads and streets must be designed to be robust with high quality LEDs and LED drivers, to be shock and vibration-resistant, with quality surge protectors and to have excellent heat management features and high ingress protection. Together with a firm understanding of in-country energy fluctuations, strict safety regulations and changing energy legislations across cities, our R&D teams keep up with these and a whole lot more.

Intelligent & Connected – Required light levels and lighting needs in the region are constantly studied and researched upon. Philips luminaires can be programmed to dim during off-peak hours and send out alerts when in need of servicing. All these are made possible when the road lights are paired with CityTouch connect application. From quality luminaires, surge protection devices to AmLight, TotalTunnel and CityTouch, the best of lighting technology and connected systems are available to apply to new highways and revamped minor roads.

Overview

of roads and streets



1

City major roads



2

Expressways



3

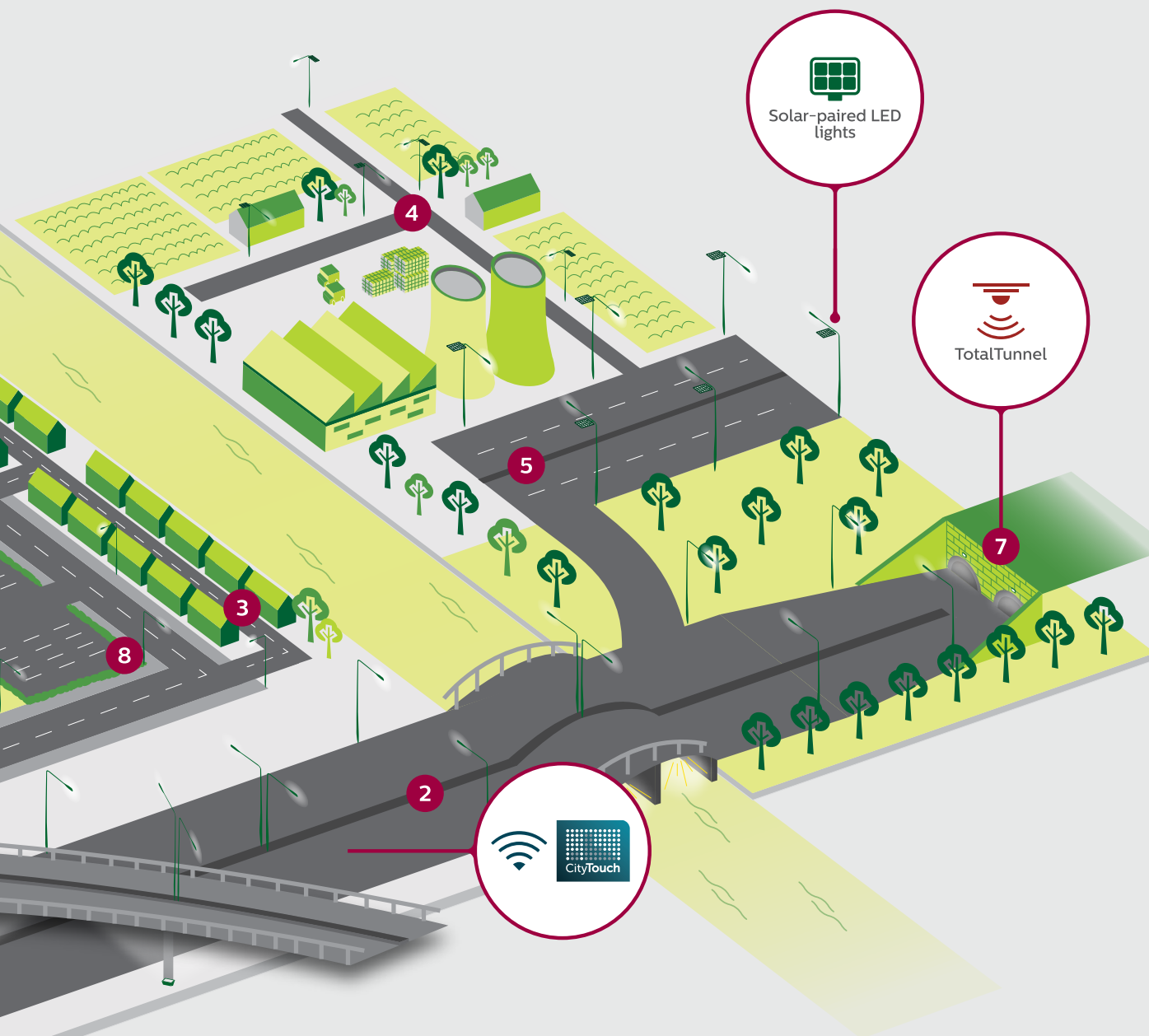
Residential roads



4

Minor roads





5

Industrial roads



6

City center lighting



7

Tunnels



8

Carparks



GreenVision Xceed

BRP371/372/373



An affordable LED road lighting solution that ensures sufficient light on your roads. It is designed to achieve better light uniformity and maximum spacing between poles for both pedestrian and vehicle road applications.

Benefits

- Up to 50% energy savings. Uses significantly less energy than conventional street lighting solutions
- Ease of maintenance. Tool-less opening of gear compartment & gear tray replacement
- Long system lifetime. Excellent thermal management that reduces early failures

Suggested application

- 1 City major roads
- 2 Expressways
- 3 Residential roads
- 4 Minor roads
- 5 Industrial roads
- 6 City center lighting
- 8 Carparks



AmpLight



Solar option available

Technical specifications

Model	BRP371/372/373
System lumen	Up to 39,400lm
System power	37W ~ 300W
System efficacy	127 lm/W up to 145 lm/W
Color temperature	3000K/4000K/5700K ± 500K
Working temperature	- 40°C < Ta < 50°C
Driver	Constant current or programmable driver options
Control options	Standalone dimming, CityTouch and AmpLight compatible
Surge protection	15kV/kA (10kV option on request)
Materials & finishing	Gray RAL7040; High pressure die-cast aluminum heat; Resistant silicone rubber; Tempered glass
Optics	DNE, DME, DWE, DWV, DWP, DW DM, DW1, DW2, DW2m, DW2s, DWS
Installation	Φ48-60mm pole, side entry; Windage area: 0.134/0.166/0.271m²; Mounting height < 12 m; Wind force ≤ 60m/s; Relative humidity ≤ 95%RH
Dimensions (mm), weight	422x318x136, 6.5kg; 522x318x136, 8kg; 853x318x136, 14kg
Certifications	CB IEC 60598, CQC, AS/NZS 1158, RoHS

CRI
≥70220-240V
50/60HzPF
>0.95100,000
HIP 66
IK 08

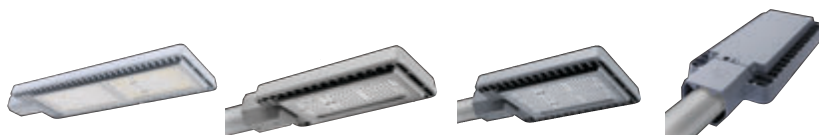
CLASS I

Excellent
thermal
management

Note: Product specifications can be changed without prior notice.

RoadFlair

BRP391/392/394



A new and exciting product set to brighten your streets beyond imagination. Smartly-designed to bring in the highest savings possible with best in class lumen per watt, this road lighting production comes at a competitive price bound to excite.

Benefits

- 120 to 135 lumen per watt – much higher than currently available solutions.
- Unique functional design. Sleek, light-weight and well-designed luminaire.
- Value for money. Perfect for renovation, upgrading projects. Best in class LED lighting technology at an unmatched, competitive price.

Suggested application

- ① City major roads ② Expressways ③ Residential roads ④ Minor roads ⑤ Industrial roads ⑥ City center lighting



AmpLight



Solar option available

Technical specifications

Model	BRP391/392/394
System lumen	Up to 39,000lm
System power	40W ~ 320W
Color temperature	3000K/4000K/5700K ± 500K
Working temperature	- 40°C < Ta < 50°C
Driver	Constant current or programmable driver options
Control options	Standalone dimming program, Tele-managed CityTouch, StarSense, AmpLight
Surge protection	10KV/15kV
Materials & finishing	Gray RAL7040; High pressure die-cast aluminum heat; Resistant silicone rubber, Transparent and weather resistant grade polycarbonate
Optics	DM, DW, DW1, DW2
Installation	Side Entry: Standard version 42-60mm tpole; ANZ version 34-60mm pole; Windage area: 0.1m²/0.14m²/0.17m²/0.25m² < 12 m Optimized for 8 to 14m; Wind force <=60m/s; Relative humidity<= 95%RH
Dimensions (mm), weight	BRP391: 492 x 210 x 86, 5kg; BRP392: 492 x 295 x 86, 7kg; BRP393: 650 x 295 x 86, 8 kg; BRP394: 870 x 295 x 86, 10kg
Certifications	CB IEC 60598, CQC, AS/NZS 1158/PSE, RoHS

CRI
>70SDCM
5PF
>0.95220-240V
50/60Hz100,000
HIP 66
IK 08CLASS
I&II

Tool-less
opening,
low failure
rate

Note: Product specifications can be changed without prior notice.

RoadGrace

BRP711/BRP712

With the RoadGrace LED luminaire, you can upgrade to an energy efficiency solution, and amazing flexibility with its five optic options, optimized for multiple road and street applications, such as freeways, intersections and crosswalks.

Benefits

- ✓ Designed to withstand extreme temperatures with superior thermal management.
- ✎ Easy to install with tool-less access and an adjustable mounting spigot design enabling customization of the lighting set-up to achieve the desired effect.
- ✓ Comes with five optic options, optimized for various road and street applications.

Suggested application

- 1 City major roads
- 2 Expressways
- 3 Residential roads
- 4 Minor roads
- 5 Industrial roads
- 6 City center lighting



AmpLight



Solar option available



Technical specifications

Model	BRP711/712
System lumen	Small Housing up to 8,700lm; Medium Housing up to 17,000lm
System power	17W ~ 140W
Color temperature	3000K/4000K/5700K
Optics	BRP711: DM, DW1, DW2, DWP, DWP3 BRP712: DM, DW1, DW2, DWP3
Control interface	CityTouch Ready, 1-10V/DALI/ Amp/Dynadimmer, 7-Pin NEMA
Surge protection	15kV
Working temperature	-40°C to 50°C
Working humidity	Up to 95%
Installation	Φ25-34mm pole/Φ42-60mm pole: side-entry with adjustable angles +/- 15 degrees; Φ60-77mm pole: post top with adjustable angles +/- 5 degrees Tool less opening. Press down buttons to open the cover
Material & finishing	Cover: Transparent and weather resistant grade Polycarbonate Housing: High pressure die-cast aluminum (ADC1)
Dimensions (L x W x H), weight	584 X 388 X 87 mm, 6.8kg 683 X 388 X 87 mm, 7.4kg
Certifications	CB IEC60598, AS/NZS60598, TS1158, PSE, CE, RoHS

CRI
≥70/80

SDCM
5

220-240V
50/60Hz

PF
0.9

100,000
H

IP 66
IK 08

Class
I&II

100,000
hour
lifetime




Note: Product specifications can be changed without prior notice.

StreetStar

BRP210

Designed to perfectly fit 1:1 retrofit projects while catering to all lighting requirements. It provides crisp, brilliant light that surpasses existing HID and fluorescent luminaire performance while offering a long lifespan. A perfect cost-effective solution for any city, municipality, and utility lighting projects.

Benefits

-  Optimal light quality. Lighting consistency that outperforms current HID and fluorescent luminaire.
-  Reliable performance. Backed by Philips quality standards to ensure durability and functionality.
-  Long lasting, low maintenance, and cost-effective. Low-power LED lighting with long lifespan to provide significant cost savings.

Suggested application

-  Residential roads
-  Minor roads
-  City center lighting



Solar option available



Technical specifications

Model	BRP210
Type	Available in AC and DC (Solar version)
System lumen	Up to 3,700lm
System power	18W ~ 27W
System efficacy	AC: 137lm/W
Color temperature	3000K/4000K/5700K
Working temperature	- 40°C < Ta < 55°C
Surge protection	10kV (AC version)
Materials & finishing	Housing: High pressure die-cast aluminium; Lens: Multilayer DW3 optic (IP66 integrated lens)
Installation	Side entry; pole diameter: 42-60mm; Power input cable (0.5m) and connector (IP66) assembly included
Wind speed	Wind force 83.5N
Operation humidity	93%
Dimensions (mm), weight	347 x 159 x 57 mm, 1.1kg
Certifications	IEC 60598

CRI
75±5

220-240V
50/60Hz

PF
0.95

50,000
H

IP 66
IK 08

Class
I&II

Optimal
light
quality




Note: Product specifications can be changed without prior notice.

RoadFlair LP

BRP390

As an extension to RoadFlair BRP39X range, BRP390 is optimized for lower wattage/ lumen application of 40w to 60w. The product ensures reliable quality and lifetime with best in class LED's from leading LED supplier, 14 step painting process and ADC1 high quality aluminum alloy.

Benefits

-  Transparent and weather resistant grade polycarbonate material for optical lenses.
-  Lightweight and optimized size for 40w to 60w application
-  Philips driver and 10kV or 15kV Surge protection device to ensure continuous operation of luminaire.

Suggested application

- 3** Residential roads
- 4** Minor roads
- 6** City center lighting



Technical specifications

Model	RoadFlair LP BRP390 40~60W
System lumen	4800lm/6000lm/7200lm (NW)
System power	40W/50W/60W
System efficacy (typical)	120+lm/W
Color temperature	3000K/4000K/5700K
Target light distribution	DM optic only
Dimming/control interface	1-10V
Surge protection	10kV/15kV
Interface to main	flying wire
Warranty	3 Years
Working temperature	- 40°C < Ta< 55°C (outdoor)
Installation	bracket mounted
Material & finishing	Lens: PC; Housing: all high specification die-cast aluminum (ADC1); Corrosion resistance painting (500 hours of salt spray); Transparent and weather resistant grade polycarbonate material for optical lenses
Dimensions (L x W)	400 x 156mm
Certifications	CQC/CB/CE/SAA/IEC60598, RoHS

CRI
≥70SDCM
5220~240V
50/60HzPF
>0.95100,000
HIP 66
IK 08

100,000
hour
lifetime




Note: Product specifications can be changed without prior notice.

SmartBright Road

BRP130/131/132

SmartBright Road is ideal for new streets and for renovating existing installations, this affordable range of lighting solutions combines clean, high-quality light with significant energy savings and reduced maintenance.

Benefits

-  Perfect for one to one replacement of conventional SON or HPL luminaires.
-  Offer initial investment with good-quality and energy efficient lighting.
-  Fit wide application areas and suitable to use for residential street, main road and parking area.

Suggested application

3 Residential roads **4** Minor roads **6** City center lighting



Technical specifications

Model	BRP130 LED70	BRP131 LED100	BRP132 LED140
System lumen	6650-7000lm	9500-10000lm	13300-15000lm
System power	70W	100W	140W
System efficacy (typical)	100lm/W or 105lm/W		
Color temperature	3000K/4000K/5700K		
Target light distribution	DM		
Surge protection	Replaceable 10kV/kA		
Warranty	3 Years		
Working temperature	- 40°C < Ta < 55°C		
Installation	Side entry (42~60mm)		
Material & finishing	Lens: PC; Housing: Aluminum/Dark		
Dimensions (mm)	383.5 x 248.4 x 85mm	453.8 x 277.2 x 85mm	508.2 x 325.5 x 85mm
Weight	2.6kg	3.2kg	4.2kg
Certifications	CB/CQC/As/NZS 60598/CE/RoHS/REACH		

CRI
70SCDM
6220-240V
50/60HzPF
0.930,000
HIP 66
IK 08

Versatile
&
cost
efficient

Note: Product specifications can be changed without prior notice.

SmartBright Street

BRP042/BRP052



BRP042



BRP052

A low wattage LED street lighting luminaire for various lighting applications. It incorporates LED light source, optical system, heat sink and driver into one compact housing. The specially designed finless heat sink combined with aesthetics and functionality ensure reliability and long lifetime.

Benefits

- Long-lasting performance – Designed for operations under diverse environment from -10°C to 45°C
- High-quality materials and design – Finless design with superior aesthetic looks, toughened and shatter-proof quality built-in lens, Pressure die-cast housing
- Uniform lighting – Street light distribution with uniform lighting on the street

Suggested application

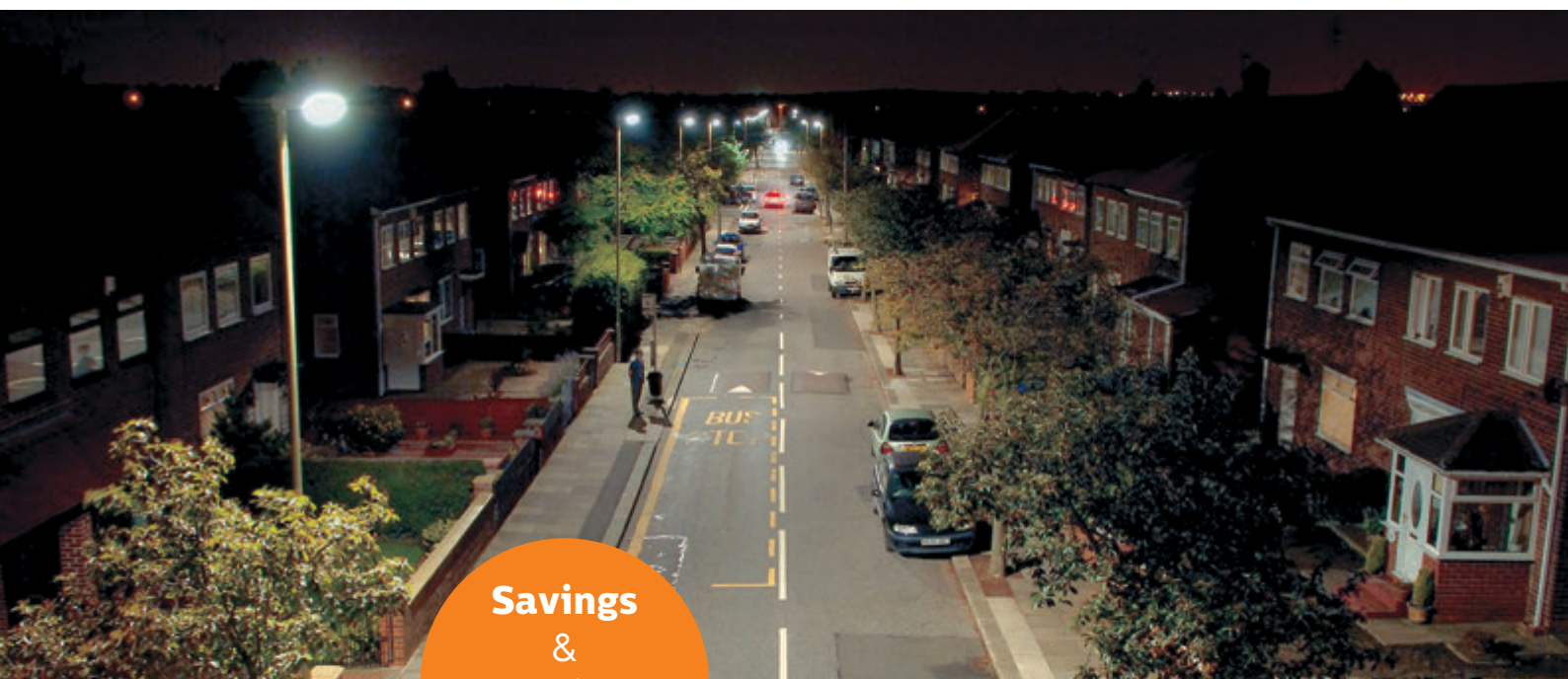
- Residential roads
- Minor roads
- City center lighting

Technical specifications

Model	BRP042	BRP052
System lumen	1,400lm/ 1,900lm	3600lm CW
System power	15W/ 20W	40W
System efficacy (typical)		90lm/W
Color temperature	5700K±500K	5700K
Optics	MR	
Driver & driving current	1000mA (15W)/ 930mA(20W)	
Voltage	220-240V 50Hz	140 - 270V/ 50Hz
Surge protection	4kV	4kV
Lifetime (hour)	30,000	50,000
Working temperature	-40°C to 45°C (Outdoor)	-10°C to 45°C
Connection	300mm flying wire	200mm flying wire
Installation	28~40mm side entry	
Material & finishing	Housing: Die-cast aluminum; Gasket: Heat resistant siliconerubber; Cover: Polycarbonate; Color: Dark Grey RAL7011	Finless design; Toughened and shatter-proof quality built-in lens; Pressure die-cast housing; Dark Grey
Dimensions (L x W x H), weight	316 x 107 x 60mm, 0.85kg	421 x 137 x 67mm
Certifications	IEC CB	IS10322

CRI
70220-240V
50/60HzPF
0.9/0.9550,000
HIP 65
IK>05

Class I



Savings
&
lasting
brightness

Note: Product specifications can be changed without prior notice.

FlowBase

BWP352

A tunnel lighting luminaire designed with motorists' safety and comfort in mind. It offers perfect uniformity and minimized glare, and complies with tunnel lighting standards to ensure safety in the tunnel. The perfect LED retrofit alternative to fluorescent and HPS 250W applications.

Benefits

- Reduces the need to install numerous luminaires to deliver optimized energy savings of up to 50%.
- Provides enough illuminance, perfect uniformity and minimized glare, and complies with tunnel lighting norm to ensure protection and complete visibility.
- Offers 4 housing configurations with lumen packages up to 27,400lm to ensure optimized tunnel lighting design and cost savings.

Suggested application

- Tunnels
- Up to 60-80km/hr speed
- 2-lane tunnels: 12-14m width, symmetrical or staggered installation
- 2- to 3-lane tunnels: 14-15m width, symmetrical installation
- 2-lane tunnels: 9-10m width, staggered installation



TotalTunnel



Technical specifications

Model	BWP352
System lumen	Up to 27,400 lm
System power	25W ~ 240W
Color temperature	4000K
Working temperature	- 30°C < Ta < 50°C
Control interface	1-10v; Dali
Surge protection	10KV (AC version)
Materials & finishing	Housing: High pressure cast aluminum; Optics: DM2 Tunnel optic, transparent and weather resistant grade Polycarbonate
Installation	Adjustable ±60° (Wall/Ceiling mounting)
Dimensions (mm), weight	Max 60W: 429x150x122, 3.5kg Max 120W: 719x150x122, 4.5kg Max 180W: 1081x150x122, 8.5kg Max 240W: 714x300x233, 9.5kg
Certifications	CQC, CB IEC60598, CE

CRI
≥7

220-240V
50/60Hz

PF
>0.95

50,000
H

IP 66
IK 08

Class
I

RoHS

Sleek
&
fully sealed

Note: Product specifications can be changed without prior notice.

STREET & ROADS



CityTouch

What if lights on your street knew when to stay on longer and when to switch off? What if you could easily check online how much energy your street lights are using and which ones need repair? What if your city had full control over its lighting, setting schedules and dimming levels on demand? What if it had access to elaborate data visualization and analytics, to make better decisions?

At Philips, we believe this would make cities around the world more sustainable, smarter, more efficient and ultimately, a better place to live in. With CityTouch connect application, simple softwares can help cities manage their street lights and analyze lighting data easily to heighten safety and improve operational efficiency.



AmpLight

AmpLight is an intelligent streetlight management and control system. It optimizes street lights to lower energy consumption (e.g. by decreasing the lighting level at off-peak traffic hours) and maintenance costs—all without compromising quality and safety. AmpLight can be easily integrated into existing installations without the need for new cabling. With installations worldwide, AmpLight has been proven to work in extreme climates and temperatures (from -40° to +60°C).



TotalTunnel

Historically, traditional lighting control system designs have been the responsibility of the maintenance contractor. Through our extensive experience and integrated product solution design, engineering of intelligent lighting controls, Philips has reduced the burden on the installer to minimize complicated electrical designs and significantly reduce labor, traffic management and capital expenditure.

TotalTunnel is our dedicated tunnel control and monitoring system designed specifically for LED technology. The system is easy to install, commission, operate and maintain, providing a safe lighting control which delivers results you can count on.



Solar powered LED lighting systems

Say goodbye to darkness in the evenings and costly electricity bills. Our solar-powered LED lighting solutions harness the sun's energy to provide high-quality illumination for indoor and outdoor applications. These solar versions of road lights deliver a flexible and sustainable way to light up the area with minimal investment and maintenance costs. Available in AC or DC versions, capable to deliver results without a need for AC grid access, payback period is relatively short while giving you substantial energy savings.



Tango G2 LED

BVP281/BVP282

A general purpose LED flood lighting luminaire for various lighting applications. The luminaire incorporates LED light source, optical system, heat sink and driver into one compact housing. Its specially designed heat sink incorporates aesthetics and functionality ensures reliability and long lifetime.

Benefits

- Optical beam choice of symmetric wide, asymmetric medium fulfils majority needs of lighting application %.
- Painted non-corrosive die-cast aluminum housing and steel bracket give extra strength in a rough environment
- Easy installation and maintenance with universal "U" shape mounting bracket.

Suggested application

- Area lighting + Billboard + Façade
- Industrial area + Recreational sports
- Other general applications



Technical specifications

Model	BVP281	BVP282
System lumen	4,000lm/8,000lm/12,000lm	17,600lm/22,000lm
System power	40W/80W/120W	160W/200W
System efficacy	110lm/W	
Color temperature	3000K/4000K/6500K ± 500K	
Optics	AMB - Asymmetric, SWB - Symmetric, SMB - Symmetric	
Driver	LED driver & constant current at 700mA	
Control	Optional - DALI & 1-10V Dimming (ETO)	
Surge protection	10kV	
Working temperature	-40°C to 50°C (Outdoor)	
Installation	Universal Bracket	
Material & finishing	Housing: Die-cast aluminum (ADC1) Gasket: Heat resistant silicone rubber Glass: Tempered glass Housing colour: Grey Aluminium RAL9007	
Dimensions (L x W x H), weight	370 x 360 x 60mm, 6.0 - 6.5kg	655 x 420 x 54mm, 11.8kg
Certifications	CB, CE, ANZ60598 (SAA), PSE, RoHS	

CRI
≥80

220-240V
50/60Hz

PF
0.95

50,000
H

IP 65
IK 07

Class
I



Low
maintenance
cost

Note: Product specifications can be changed without prior notice.

Tango G2 LED HP

BVP283



Tango G2 LED HP is not only a general purpose flood lighting luminaire for various lighting applications, but also can be specially used for some very particular applications such as harbor, port and airport. It takes advantage of LED technology which provides energy savings and a longer lifetime.

Benefits

- More than 40% of energy saving in comparison with conventional floodlight
- Lifetime reaches 50,000 hours at L70, which requires no lamp replacement after installation
- IP65 housing ensures low maintenance with no need for internal cleaning, resulting in a lower total cost of ownership

Suggested application

- Area lighting + Billboard + Façade
- Industrial area + Recreational sports
- Harbor +Port +Airport.



Technical specifications

Model	BVP283
System lumen	21,000lm/24,500lm/28,000lm/32,000lm/34,000lm/35,500lm
System power	210W/245W/280W/315W/335W/350W
System efficacy	100lm/W
Color temperature	3000K/4000K/5700K ± 500K
Optics	A-WB, S-WB, NB
Driver	LED driver & constant current at 700mA
Control	DALI & 1-10V Dimming options
Surge protection	10kV
Working temperature	-40°C to 45°C (Outdoor)
Installation	Universal bracket
Material & finishing	Housing: Die-cast aluminum (ADC1) Gasket: Heat resistant silicone rubber Glass: Tempered glass Housing colour: Grey Aluminium RAL9007
Dimensions (L x W x H), weight	655 x 420 x 54mm, 12.8kg/13.2kg
Certifications	CB, CQC, CE, RoHS

CRI
75220-240V
50/60HzPF
0.95L
50,000
HIP 65
IK 07

Class I



Flexible
lighting
applications

Note: Product specifications can be changed without prior notice.

Tango G3 LED

BVP381/BVP382/BVP383



An ideal solution for a wide range of area lighting applications. It incorporates the LED light source, optical system, heat sink and driver into one compact and robust housing that meets globally recognized safety standards.

Benefits

- >50% energy saving compared to conventional floodlights. Dimmable feature delivers added power efficiency - light areas when you need to.
- Tool less opening reduces installation and maintenance time, increase the working efficiency and good user experience.
- Optical beam choices fulfills majority of lighting application needs.

Suggested application

- Area lighting + Billboard + Façade
- Industrial area + Ports + Airports
- Sports + Parking lots + Driving ranges + Parks



Technical specifications

Model	BVP381	BVP382	BVP383
System lumen	6000lm/8400lm/12000lm	14400lm/18000lm/24000lm	27000lm/30000lm (ETO) /36000lm/40500lm/45000lm
System power	50W/70W/100W	120W/150W/200W	240W/265W/320W /360W/400W
System efficacy	NW/CW - 120Lm/W; WW - 110Lm/W		NW/CW - 110Lm/W; WW - 100Lm/W
Color temperature	3000K/4000K/6500K		
Optics	AMB, SMB, SWB		NB, AMB, AWB, SMB, SWB
Surge protection	15KV/KA		
Working temperature	-40°C to + 50°C		
Installation	U-shaped bracket, Universal installation, Aiming angle scale		
Material & finishing	Housing: non-corrosive high pressure ADC with corrosion resistant powder coating; 1.5m Flying wire; Anti-dust exposed lenses; Aluminium grey RAL9007		
Dimensions (L x W x H)	500 x 300 x 56mm	500 x 448 x 56mm	591 x 561 x 64mm
Certifications	CB, CE, RoHS, IEC60598		



Excellent
area lighting
within budget

Note: Product specifications can be changed without prior notice.

Tango mini LED

BVP280

A general purpose LED flood lighting luminaire for various lighting applications. Its specially designed heat sink incorporates aesthetics and functionality to ensure reliability and long lifetime. LED technology provides energy savings and a longer lifetime.

Benefits

- Energy savings up to 40% compared to conventional HID/SON systems.
- Robustness, vibration-proof, wind force protection, and with anti-corrosion spray paint.
- Suitable for customers looking to reduce electricity bill.

Suggested application

- Area lighting + Billboard + Façade
- Architecture + Landscape + Industrial area
- Security + Parking lot + Parks.



Technical specifications

Model	BVP280
System lumen	4,400lm (NW/CW)/4,000lm (WW)
System power	40W
System efficacy	110lm/W (NW&CW); 100lm/W (WW)
Color temperature	3000K/4000K/5700K
Optics	AMB/SWB/SMB
Surge protection	10kV
Working temperature	-40°C to 50°C
Installation	U-shaped bracket
Material & finishing	Die-casting aluminum housing; 0.6m Flying wire; RAL 9007
Dimensions (L x W x H), weight	254 x 240 x 47 mm, 3kg

CRI
70220-240V
50/60HzPF
0.9550,000
HIP 65
IK 07

High
performance
in
compact size





Note: Product specifications can be changed without prior notice.

SmartBright LED

BVP17x

A versatile floodlight engineered to deliver significant energy savings, an ideal solution for diverse floodlighting applications. The product is also designed to meet relevant performance and safety standards, offering reliable and long-lasting performance.

Benefits

-  Conventional HID floodlight replacement.
-  Easy to install
-  Outstanding energy savings
-  High quality and reliability

Suggested application

- Area lighting + Billboard + Façade
- Architecture + Landscape + Industrial area
- Security + Parking lot + Parks



Technical specifications

Model	BVP171	BVP172	BVP173	BVP174	BVP175	BVP176
To replace HID	35W	70W	100W	150W	250W	400W
System lumen (4000K)	2600lm	4300lm	6650lm	9500lm	14250lm	19000lm
System power	30W	50W	70W	100W	150W	200W
CCT	3000K/4000K/5700K					
Surge protection	2/4KV (DM/CM)				6/6KV (DM/CM)	
Beam angle	Wide Beam (30° x 80°)					
Operating temperature	-40°C ~ +45°C					
Connection cable	600mm length ft cable					
Installation	Bracket mounted					
Material & finishing	Housing: Die-cast aluminum, powder coated dark grey (RAL7043) Front cover lens: UV-resistant Polycarbonate Bracket: Steel, powder coated dark grey (RAL7043)					
Dimensions (mm)	195x143x34	270x202x38	265x190x40	310x190x53	340x260x65	350x290x65
Weight	0.85kg	1.6kg	1.7kg	2.3kg	3.4kg	4.5kg
Certifications	CE, CQC, CB, EMC, AS/NZS60598, KC, EAC					

CRI
>70220-240V
50/60HzPF
>0.9030,000
HIP 65
IK 07

Class I

Reliable &
high
performance

Note: Product specifications can be changed without prior notice.

Essential SmartBright LED

BVP161



A versatile flood light engineered to deliver significant energy savings of up to 85%. This is an affordable and ideal choice for multi-purpose floodlighting, giving you peace of mind for quality components and materials that conform to the highest safety standards.

Benefits

- Long-lasting performance. Designed for operations under diverse environment from -40°C to 45°C.
- High-quality materials and design enhance safety and offer excellent corrosion-resistance and robustness.
- Wide selection. Multiple choice of color temperature and lumen packages.

Suggested application

- Area lighting + Billboard + Façade
- Architecture + Landscape
- Sport + Security + Park



Technical specifications

Model	BVP161 40LED	BVP161 72LED	BVP161 80LED	BVP161 114LED
System lumen	2300lm/ 2600lm	3900lm/ 4300lm	5500lm/ 6000lm	8500lm/ 9000lm
System power	30W	50W	70W	100W
System efficacy	90lm/w			
Color temperature	3000K/4000K/5700K			
Surge protection	4kV			
Working temperature	-40°C ~ +45°C			
Material & finishing	High-quality exposed flat lense; Pressure die-cast housing; Grey & Champagne			
Dimensions (L x W x H)	193.2 x 142.2 x 40.9mm	193.2 x 142.2 x 40.9mm	269.4 x 201.2 x 40.4mm	315.4 x 232.9 x 40.9mm
Certifications	CB, EMC, SAA, CE			



No
maintenance,
only vibrance

Note: Product specifications can be changed without prior notice.




Tempo LED

BVP 162/163



The most widely used outdoor luminaire. Not only do Tempo LED Floodlights provide illumination of high performance, they also combine functionality with aesthetics, without compromising on cost efficiency and reliability.

Benefits

-  High-performing luminaire that boasts early return on investment.
-  More than 50% energy savings compared to conventional HPT-T 400W floodlight, providing significant annual savings.
-  Installation angles are indicated on the bracket and can be adjusted to achieve optimal lighting uniformity.

Suggested application

- Billboard + Façade + Area lighting
- Road junctions + Sports
- Parking area + Industrial area



Technical specifications

Model	BVP 162	BVP 163
System lumen	11000lm	22000lm
System power	110W	220W
System efficacy	100 lm/w	
Color temperature	3000K/4000K/5700K	
Working temperature	-40°C < Ta < 45°C	
Wind proof	Designed to withstand grade 14 typhoons	
Shake proof	Pass Philips internal impact test	
Installation	U-shaped bracket enables easy installation and adjustment to the recommended installation angles: 10°, 25°, 35°	
Material & finishing	Housing: ADC1 aluminium; Optical glass: Non-glass, UV-resistant, and IP65 dust and water-resistant flat lens (made of imported quality material)	
Dimensions (L x W x H), weight	510 x 365 x 53mm 5kg	510 x 500 x 53mm 7kg
Certifications	CQC, CB/EMC, RoHS, CE	

CRI
70

220-240V
50/60Hz

PF
≥ 0.9

30,000
H

IP 65
IK 07



Uniformity
enhanced
by **36.6%**

Note: Product specifications can be changed without prior notice.

SportsStar LED

BVP621/622/EVP622

SportsStar sets the standard in high quality optical distribution with high performance and low light pollution. From sports to area lighting, the system projects the light exactly where it should be.

Benefits

- ✦ Multiple lens covers as much as of customer needs
- ✦ Compatible with systems, including Philips ArenaVision system
- ✦ Robust quality and reliability
- ✦ Comply with HDTV broadcasting requirement

Suggested application

- Professional sports + Recreational sports + Golf driving range
- Façade + Area lighting + Large car parking area
- Airport + Port & Container yard + Industrial area



Technical specifications

Model	BVP621	BVP622	EVP622
System lumen	43200 lm ~ 108000 lm	73900lm/96000lm/108000lm	
System power	480W/640W/800W/960W	960W	960W
System efficacy	100lm/W		
Color temperature	3000K/4000K/5700K		
Working temperature	-40°C to +50°C		
Control	DALI, 1-10V and DMX control interface		
Optic	Narrow beam/ Asymmetrical medium beam/ Asymmetrical wide beam/ Symmetrical medium beam/ Symmetrical wide beam		
Light beam	13° ~ 50°/15° x 14°/15° x 95°/50° x 50°/30° x 80°		
Surge protection	10kV/15kV differential mode/common mode		
Installation	Mounting bracket adjustable; Connection: Flying leads/wires; Cable: 1.5m without plug		
Material & finishing	Housing: Aluminum extruded; Optical cover/lens: Frosted, Polycarbonate; Color: White/black/aluminum/ gray		

CRI
70SDCM
≤7220~240V
50/60HzPF
>0.9550,000
HIP 66
IK 08

Class I

Flicker
free
performance

Note: Product specifications can be changed without prior notice.

SmartBright LED Security

BWS220



A PIR motion sensor activated twin head security light. With a wide detection range, brighter light output and instant-on LED technology, you can be assured your property is well lit for visibility at night.

Benefits

- ✈ Wide detection range and brighter light output
- 👁 PIR motion sensor activated with manual overwrite option for flexibility
- 🔧 Easy to install with adjustable twin head

Suggested application

- Security light

Technical specifications

Model	BWS220 LED20
System lumen	2200lm
System power	2x15W
Equivalent of	2x26W CFLi
Color temperature	4000K/6500K
Type	Fixed output (PSU)
Detection angle	120°
Detection range	Up to 18m (distance) at 2m (height of installation)
Day/night lux levels	3 to 2000 lux
Time range (ie: lights on)	10 seconds to 7 minutes
Working temperature	25°C (-20°C < ta < 40°C)
Installation	Wall mounted, rear wiring, adjustable twin head
Material & finishing	Frosted cover: UV-resistant Polycarbonate; Housing: Plastic and die-cast aluminium twin head; Frosted diffuser; Black (RAL9004)
Dimensions (L x W x H)	168 x 242 x 171mm

CRI
>80100-240V
50/60HzPF
≥0.930,000
HIP54
IK05

Class I

Instant-on
sensor

Note: Product specifications can be changed without prior notice.



Area & Transportation



Industrial area



Petrol station



Airport



Harbor



Parking area



Public transport area



Waterway



Rail yard



Billboard & Building facade

Architectural and Landscape **overview**

Lighting can create a unique look and feel for your city. After dark it becomes a vibrant, social space for tourism and nightlife. Landmarks, buildings and monuments become the essence of its identity.

The right architectural lighting can put them center stage, enhancing their structures and materials in an exciting and inspirational way. So your city becomes a more vibrant and attractive destination for business or pleasure.

Our Architecture and Landscape applications are segmented into different urban subareas: Building, Bridge, Landmark & Monument, Fountain, Park and Garden and Open spaces. Our architectural LED lighting solutions are suitable for every architectural and landscape application. They offer attractive opportunities to inspire people. We can also support you with our experience and knowledge in providing complete dynamic or static lighting schemes.



UNIflood & UNIflood HP

BCP260 & BVP315



UNIflood is a mono colour LED floodlighting fixture designed for wide range of architectural flood lighting applications. UNIflood HP is a reliable and cost effective high output color-changing light fixture, designed for projection and floodlighting applications.

Benefits

- Outstanding performance with reliable quality
- Outstanding uniformity of RGB/ RGBW color mixing
- Reliable waterproof with protective vents
- Multiple LED color selection and various lens options

Suggested application

- Large-scale exterior facades
- Bridges and monuments



Technical specifications

Model	UNIflood BCP260	UNIflood HP BVP315
System lumen	2200lm	RGB: 4500lm; RGBW: 5300lm; Mono NW: 13500lm
System power	42W	150W
Color temperature	2700K/3000K/4000K	3000K/4000K/RGB RGBW (4000K)
Beam angle	18°/40°/50°	NB: 10°; WB: 30°
Control	ON/OFF only	Dimming function DMX/ RDM
Working temperature	-20°C to +50°C	-40°C to +50°C
Installation	Surface mounting with Bracket	Surface installation
Material & finishing	Housing: Die-casting aluminum Lens: Clear PC/PMMA	Housing: Die-casting powder -coated finish RAL9007; Special optical design - Anti-UV PC material
Dimensions, weight	257 x 202 x 112mm, 2.8kg	440 x 302 x 165 mm, 10.5kg
Humidity	0-95%	
Certifications	CB,CQC,EMC	CQC/CB/CE

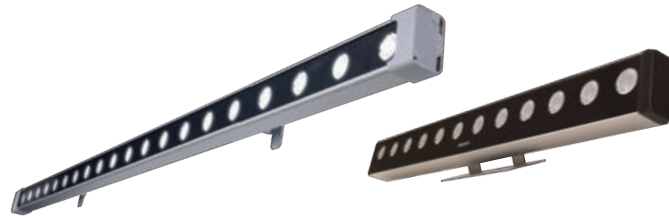


Reliable
&
cost effective

Note: Product specifications can be changed without prior notice.




UNlstrip

BCP280



UNlstrip is a mono colour LED wall washer lighting fixture designed for wide range of architectural wall washer lighting applications. UNlstrip offers reliable quality and outstanding performance.

Benefits

-  Low investment cost
-  Suitable for wide range of architectural wall washer lighting applications
-  Reliable waterproof with protective vents

Suggested application

- Exterior facades
- Bridges and monuments



Technical specifications

Model	UNlstrip BCP 280		UNlstrip BCP280 G3	
Length	509mm	1002mm	335mm	1198mm
System lumen	1100lm	2200lm	780lm/890lm 1000lm	3120lm/3560lm/ 4000lm
System power	21W	42W	9.6W	40W
System efficacy			>95lm/W	
Color temperature	2700K/3000K/4000K			
Beam angle	15°x50°/18°		15° x 55/45° x 45°	
Control	ON/OFF only		DIM DMX	
Working temperature	-20℃ to +50℃		-40℃ to +50℃	
Installation	Surface mounting with bracket			
Material &finishing	Housing: Extruded anodized aluminum; Lens: Clear PC/PMMA			
Dimensions, weight	509 x 60 x 71mm	1002 x 60 x 71mm	335 x 50 x 65 mm (with bracket)	1198 x 50 x 65 mm (with bracket)
Humidity	0-95%			
Certifications	CB,CQC, EMC		CQC, CB, CE	

24VDC

50,000
H

IP66

Class III

Architectural
wall washer
lighting




Note: Product specifications can be changed without prior notice.

UNlstrip Compact

BCP290

An improved lighting fixture to illuminate both contemporary and historical architecture, providing impressive ambience and exciting light effects for scene setting. The linearity can create a soft wall-wash effect with precise light distribution and high uniform illuminance.

Benefits

-  Extremely compact provides possibility to fit limited space in different architectures.
-  Reliable quality: robust aluminum extrusion housing, anti UV polycarbonate optics.
-  Easy Installation: Universal installation clip, DMX control interface option.

Suggested application

- Architectural wall washer lighting
- Exterior facades
- Bridges and monuments



Technical specifications

Model	UNlstrip Compact BCP290
Length	327mm/1211mm
Light source	Mid Power LED (LumiLEDs3020)
System lumen	600lm/853lm/2000lm
System power	4.8W/5.3 W/19.3W
System efficacy	>100lm/w
Color temperature	3000K/4000K/5000K/RGB
Optics	MB: 30° x 80°; NB: 20° x 80°
LEDdriver & driving current	0.2A
Control	ON/OFF; DMX
Working temperature	-40°C to 50°C (Outdoor)
Installation	Universal bracket
Material & finishing	Housing: Extruded aluminum, 500 hours salt spray; Optical cover: Polycarbonate, anti-UV; Color: grey/golden
Dimensions	MB: 327 x 30 x 38 mm/1211x 30 x 38 mm NB: 327 x 32x 60 mm/ 1211 x 32x 60 mm
Certifications	CB, CQC, RoHS (on-going)

CRI
≥80

SDCM
≤4

24VDC

50,000
H

IP 66

Class III

Outstanding
performance

Note: Product specifications can be changed without prior notice.

UNIStrip LP G2

BCP270

An improved wall-washer lighting fixture from its predecessor with evolution in both optical and system design. It offers Mono and RGB DMX versions with precision optical performance to enable dynamic effects with affordable pricing.

Benefits

- Design of UNI family style. Simple, classic, robust & unique shape. Slim housing provides possibility to fit limited space in different architectures
- Optical excellence, logarithmic dimming for smooth wall-washer effect
- Easy Installation: Universal installation CLIP with Screws

Suggested application

- Architectural wall washer lighting
- Exterior facades
- Bridges and monuments



Technical specifications

Category	UNIStrip LP G2 BCP270					
Length	329 mm		1216 mm			
Net weight	0.46kg		1.05kg			
System lumen	330lm	120lm	1320lm	480lm		
CCT/ Color	3000K, 4000K, 5000K	RGB	3000K, 4000K, 5000K	RGB		
Control	On/Off	DMX	DMX	On/Off	DMX	DMX
System power	4W	3.2W	4W	15.5 W	12.2 W	14.8 W
Beam Angle	30° x 80°					
Operating temperature	-40°C ~ +50°C					
Connection	Stand alone version, Flying wire 1.0 m					
Material and Finishing	Housing: Extruded aluminum; Optical cover: Polycarbonate, Anti-UV; Color: Grey, clear anodized					
Installation	Universal bracket					
Certifications	CB/CQC/RoHs (on-going)					

CRI
80

SDCM4

24VDC

50,000
H

IP66

Class III

Precision
optical
performance

Note: Product specifications can be changed without prior notice.




UniPoint

BGP312



Designed to produce both general and accent lighting while concealing the body of the device, allowing only the light to be exposed. It also includes exclusive features such as energy efficiency, chromatic quality and miniaturization.

Benefits

-  In stylish and very compact design - half size of VayaSpot
-  Up to 38% cost down with professional design to ensure extreme reliability in line with all regulations
-  Effortless and flexible installation - screw down, different direction and selected mounting accessories

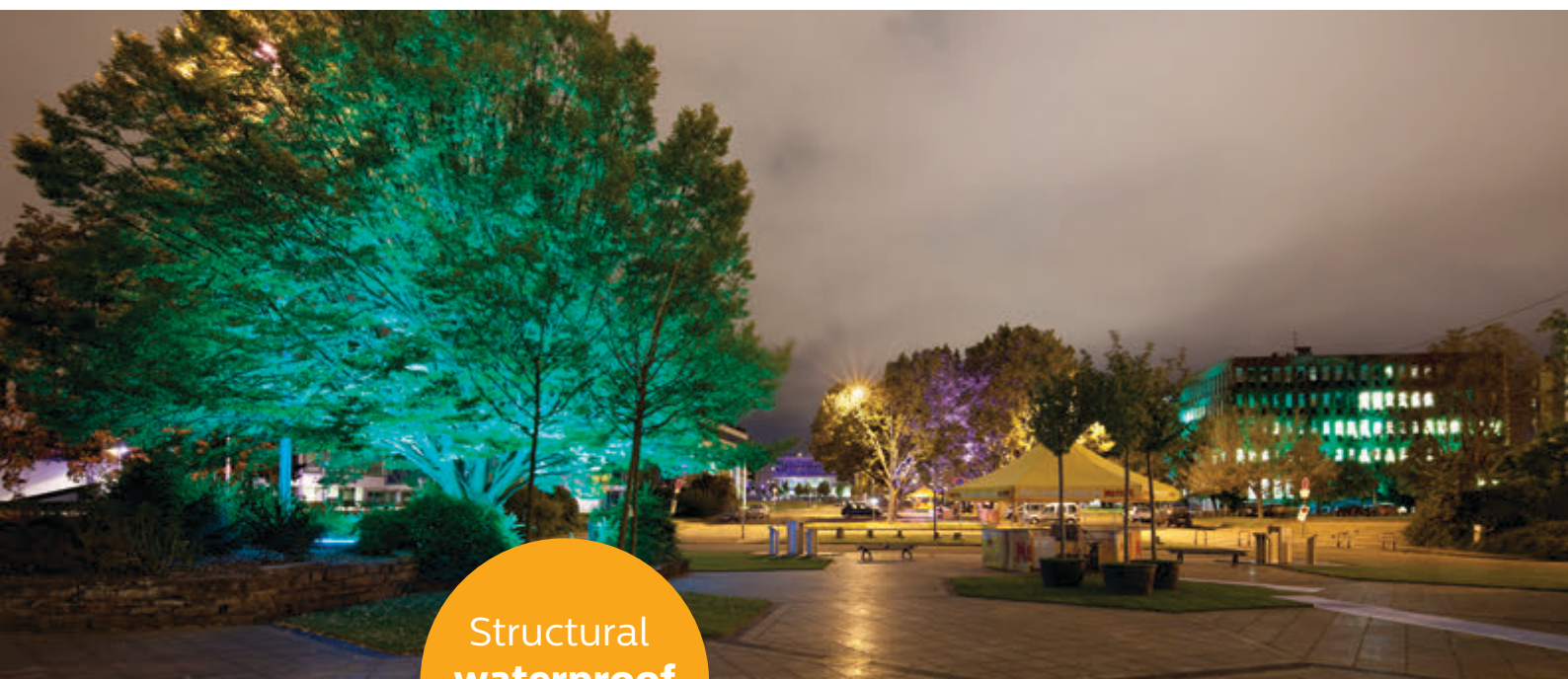
Suggested application

- Accent lighting + General lighting
- Change the surroundings by adding subtle or dramatic contrasting effects



Technical specifications

Model	BGP312 1LED	BGP312 3LED	BGP312 5LED
System lumen	110lm/120lm/129lm	320lm/330lm/350lm	565lm/595lm/620lm
System power	1x3W	3x2W	5x2W
Color temperature	2700K/3000K/4000K		
Beam angle	10°/25°/40°		
Current	125mA	250mA	417mA
Control	ON/OFF, ETO option available		
Working temperature	-40°C to +45°C		
Installation	Surface mount/wall mount; adjustable angle 0-100° up and down		
Material & finishing	Die-cast aluminum with dark grey sand coating		
Dimensions, weight	65.5 x 69.6 x 95.8mm	65.5 x 69.6 x 95.8mm	90 x 95 x 123.5mm
	0.4kg	0.4kg	0.7kg
Certifications	CB, EMC, CE, REACH, RoHS		



Structural
waterproof
technology




Note: Product specifications can be changed without prior notice.

Vaya Uplite

BBP330

An integrated underground luminaire truly reflects a durable, flexible and reliable LED lighting solution with minimal initial investment. Different light distribution angles, colors and visual comfort offering enable both accent lighting and flood lighting applications.

Benefits

-  Compact design at an overall height of 120mm.
-  Easy to install with AC power supply 220V – 240V 50/60Hz.
-  High level of protection to meet harsh application conditions.

Suggested application

- Uplighting + Wall washing + Exterior facades
- Pathway + Security lighting



Technical specifications

Model	Vaya Uplite BBP330
Light source	9 x High power LED
System lumen	1100lm (4000K, 240)
System power	15W (Typical)
Color temperature	Standard: 3000K/4000K/Green/Amber ETO: CW/Blue
Beam angle	12°/24°/60°
Control	ON/OFF
Working temperature	-25°C to +45°C
Installation	Underground
Material & finishing	Stainless steel cover, black painted die-cast aluminium body, ABS embedded box
Dimensions, weight	Ø150 x 120mm
Certifications	CCC

220-240V
50/60Hz

50,000
H

IP67
IK10

Class I



LED
Underground
Light

Note: Product specifications can be changed without prior notice.

Vaya Uplight HP

BBP331



Vaya Uplight HP delivers a unique level of brightness and visual allure that is perfect to highlight any edifice and its surroundings. Equipped with a bevy of optical configurations, it fulfills a wide range of lighting requirements with extreme versatility.

Benefits

- Ultra-high lumen output that outperforms any traditional metal halide lamp (up to 70W) uplight.
- Extreme versatility. Multiple optical configurations cater to a variety of applications.
- Convenient adjustable angular design provides on-the-spot convenience when adjusting to desired optical effect.

Suggested application

- Uplighting + Wall washing + Exterior facades
- Square + Garden + Courtyard
- Hotel + Business center + Safety lighting



Technical specifications

Model	Vaya Uplight HP BBP331 15LED	Vaya Uplight HP BBP331 21LED
Light source	15 x High power LED	21 x High power LED
System lumen	WW: >2200lm/ NW: >2400lm/ GN: >1200lm	WW: >3100lm/NW: >3400lm
System power	25W	35W
System efficacy	WW: 88lm/W; NW: 96lm/W	
Color temperature	3000K (WW)/4000K (NW)/Green (GN)	3000K (WW)/4000K (NW)
Beam angle	15°/25°/55°	
Optical configuration	Polarizing angle regulation: ±15°, Option of anti-glare louver and decorative panel. (Note: 55° fitting c/W anti-glare louver and available on request for 15° and 25° fitting)	
Control	ON/OFF	
Working temperature	-40°C to +50°C	
Installation	Underground	
Material & finishing	Enclosure: die-casting aluminum; embedded housing: nylon+ glass fibre; luminous surface: tempered glass	
Dimensions, weight	Lamp body Ø300 x 290mm, embedded housing Ø295 x 356mm, 8.0kg	
Certifications	CCC, CB, RoHS, CE, static pressure 20KN	

CRI
75

SDCM 5

220-240V
50/60Hz

50,000
H

IP 67
IK 10

Class I



Ultra-high
lumen
output

Note: Product specifications can be changed without prior notice.




Outdoor Linear Flex

BGC200



A flexible lighting system with excellent performance. The linearity of this product can provide a soft wall-wash effect with precise light distribution and high uniformity. The LED strip and its components are designed for reliable, flexible outdoor applications

Benefits

-  Reliable: tenacity, anti-UV silicon housing
-  High lighting performance: high uniformity and efficacy
-  Versatile options: can be cut to different lengths

Suggested application

- Exterior facades + Buildings
- Bridges + Footstep + Stairway outlines
- Signboards + Advertising boxes



Technical specifications

Model	BGC200 300lm	BGC200 600lm	BGC200 800lm
System lumen	Typical: 300 lm/m	Typical: 600 lm/m	Typical: 800 lm/m
System power	5.3 W/m (2700K) / 4.2W/m	7 W/m (2700K) / 6.2 W/m	9.8 W/m (2700K) / 9 W/m
System efficacy	95lm/w		
Color temperature	2700K/4000K/6500K		
Working temperature	-20°C to + 50°C		
Installation	Length per reel: 5m; Min. cut length: 100mm; Cable length: 15cm		
Material & finishing	Silicon tube: soft and durable, UV resistant for outdoor applications		
Certifications	CQC/CB/EMC/CE/RoHS		



Flexible
outdoor
applications




Note: Product specifications can be changed without prior notice.

UNIdot

BGS 301/302

Dreamy starry nights, and captivating urban landscapes are all made possible with the smart Philips UNIdot LED lighting system. Flexible and modular, UNIdot lights can be affixed on any challenging façade, fulfilling the most creative lighting design brief.

Benefits

-  Smart design. Rounded and versatile, can be easily installed on any surface, at any elevation.
-  Colors that inspire. DMX controllable RGB and white light options help achieve desired ambiance and effects.
-  Consistency. Milky transparent cover ensures even brightness and broad view.

Suggested application

- Exterior facades
- Buildings + Theatres
- Amusement parks + Recreational centers



BGS 301



BGS 302

Technical specifications

Model	BGS 301	BGS 302
System lumen	RGB: 109lm/ White: 217lm (4000K)	RGB: 257lm/ White: 506lm (4000K)
System power	RGB: 4.8W/ White: 3W	RGB : 10.8W/ White: 6.8W
Brightness	RGB color: 9300Nit/ White: 19000Nit	RGB color: 6800Nit/ White: 14500Nit
Color temperature	RGB/3000K/4000K/5000K	
Control	DMX 512 for RGB; ON/OFF for white	
DMX controller	Philips all series DMX controller	
Working temperature	-20°C<Ta<50°C	
Installation	Surface mounting	
Material & finishing	Housing: die-cast aluminum; front lamp shade: plastic (PC); milky transparent cover	
Dimensions, weight	Ø90 x 51mm, front lamp shade: Ø71mm, 0.28kg	Ø140 x 51mm, Front lamp shade: Ø121mm, 0.43kg
Certifications	CQC	



Amaze
&
inspire

Note: Product specifications can be changed without prior notice.

Smart Post Top G3

BGP161



Smart Post Top G3 inherits the classic look and style of the previous generation with improved system efficacy and light quality. Its optimized optical design increases both horizontal and vertical uniformity. The highly efficient thermal system ensures maximum heat transfer and longer LED service life.

Benefits

- ✦ Outstanding lighting performance with high uniformity, high system efficacy and high brightness.
- ✦ Reliable quality with water, shock and corrosion resistant painting and aluminum housing.
- ✦ Environment friendly, complying with RoHS requirements, and saving significant energy.

Suggested application

- Parks, gardens, and promenades
- Sidewalks + Residential areas
- City centers + Squares



Technical specifications

Model	BGP161
Light source	Mid power LED
System lumen	2300lm (3000K)/ 2500lm (4000K)
System power	27W
System efficacy	> 85lm/W (3000K) > 92lm/W (4000K)
Color temperature	3000K/4000K
Optics	Symmetrical beam
Control	ON/OFF
Working temperature	-40°C to + 50°C
Installation	Ø60mm pole, leader cable 0.5m
Material & finishing	Housing: Diecasting aluminum, 500 hour salt spray Optical cover: Polycarbonate, Anti-UV Color: Dark Grey RAL7043/Light Grey RAL9006
Dimensions, weight	Ø578mm x H265mm, 4.5kg
Certifications	CB, CQC, RoHS

CRI
>7SDCM
≤4220-240V
50-60 Hz50,000
HIP 65
IK 07

Class I

Comfortable
&
safe

Note: Product specifications can be changed without prior notice.




CitySpirit Cone

BDS470



An energy-saving lighting solution that does not compromise on aesthetics. Its integrated and stylish design beautifully blend into any urban landscape. Various combinations of optical components generate different lighting effects and ensure visual comfort at the right light level.

Benefits

-  Good design. Sleek and stylish, fits into any urban landscape.
-  Long-lasting. Long lifetime of 50,000 hours.
-  Symmetrical, asymmetrical and road configuration light distribution meet requirements of different lightning applications.

Suggested application

- Parks, gardens, and promenades
- Sidewalks + Residential areas
- City centers and squares



Technical specifications

Model	BDS470 CitySpirit Cone
Light source	Mid-Power LED
System lumen	High lumen version: NW>4,000lm; low lumen version: NW>2,600lm
System power	High lumen version: 52W; low lumen version: 34W
Color temperature	3000K/4000K
Optics	TS: Symmetrical; TA: Asymmetrical; TB: Road configuration
Control	ON/OFF
Working temperature	-40°C to +50°C
Installation	Post top mounted, locked with 2xM8 hexagon screws. Recommended installation height is 4m, pole size Ø60mm.
Material & finishing	UV-resistant transparent PC texture lampshade, high-pressure casting aluminum light body and upper. Dark Grey (RAL7043). cover
Dimensions, weight	Ø640mm, H670mm; 10kg
Certifications	CB, Rohs, CQC

CRI
>7SDCM
4220-240V
50-60 Hz50,000
HIP 65
IK 09

Class I



Illuminating
streets
in style



Note: Product specifications can be changed without prior notice.

CitySpirit Street

BDS480/BDS482

Equipped with LED technology, consistent light output, and decorative ring functionality, these luminaires deliver efficient, environmentally friendly and excellent lighting that seamlessly integrates into the urban landscape.

Benefits

-  Stylish lighting possibilities. Choose from a selection of color rings to add flair to urban spaces.
-  Excellent light quality. Advanced optical design enhances visual comfort while high lumen output ensures visibility and safety.

Suggested application

- City centers + Squares
- Residential and pedestrian areas
- Promenades + Small roads



Technical specifications

Model	BDS480 CitySpirit Street	BDS482 CitySpirit Street ColorRing
Light source	Mid power LED	
System lumen	3,500lm (WW)/3,700lm (NW); 7,000lm (WW)/7,600lm (NW)	3,500lm (WW)/3,700lm (NW)
System power	38W/75W	46W
Color temperature	3000K/4000K	
Optics		
Control	PSU: On/Off; PSD: Self-dimming; CityTouch ready: Available upon request.	
Working temperature	-40°C to +50°C	
Connection	Fitting comes with 6m flying cable	
Installation	Post top mounted (4- 7m), pole size Ø60mm	
Material & finishing	Die-cast aluminum housing, tempered glass	Die-cast aluminum housing, tempered glass, polycarbonate color ring diffuser
Color ring option		Red, Green, Blue
Dimensions, weight	Ø640mm, H454mm	
Certifications	CQC, CB	

220-240V
50-60 Hz

50,000
H

IP 65
IK 09

Class I



Vibrant
outdoor
lighting

Note: Product specifications can be changed without prior notice.

Smart LED Wall Mount

BWS150/151



Presenting an affordable LED solution that is elegantly designed and compact, fitting seamlessly in a wide variety of scenarios and designs. Highly reliable and robust, it also exudes comfortable, soft lighting quality, as well as being environmentally friendly.

Benefits

- High quality long lifetime LED light source and integrated electronic driver.
- The low power LEDs create a comfortable lighting effect with uniform light spread.
- Environmentally friendly LED solution with no hazardous substances used. And with no UV emissions, it attracts less attention from insects.

Suggested application

- Parks, gardens, and promenades
- Residential areas
- City centers + squares



Technical specifications

Model	BWS150	BWS151
Light source	96 x Low power LED	
System lumen	WW: 180lm; NW: 200lm	
System power	6.5W	
Color temperature	3000K (WW)/ 4000K (NW)	
Optics	Closed, diffused	
CRI	WW>75; NW>70	WW>80; NW>75
Working temperature	-20°C to + 40°C	
Installation	Wall surface mount	
Material & finishing	ABS plastic, Polycarbonate diffuser; Housing color: Dark gray (RAL7043), Light gray (RAL9006)	
Dimensions, weight	Ø200 x 69mm, 0.58kg	200 x 200 x 62mm, 0.68kg

220-240V
50-60 Hz

25,000
H

IP65
IK08

Class II

Softer light
&
less glare

Note: Product specifications can be changed without prior notice.

Smart LED Step Light

BWG150



Offers a reliable and safe solution to step lighting with its uniform asymmetrical lighting, easy installation with equipped mounting box.

Benefits

- High quality long lifetime LED light source and integrated electronic driver.
- Proven IP67 compliance for exceptional water resistance throughout its lifetime.
- Comes with a mounting box for easy installation.

Suggested application

- Parks, gardens, and promenades
- Residential areas
- City centers and squares



Technical specifications

Model	BWG150
Light source	36 x low power LED
System lumen	WW: 40lm; NW: 50lm
System power	4W
Color temperature	3000K (WW)/ 4000K (NW)
Optic	Closed, diffuser; cover: polycarbonate diffuser
CRI	NW>75; WW>80
Driver	220-240V/50-60Hz, integrated (non-dimmable)
Working temperature	-20°C < Ta < 40°C
Resistance to heat and fire	GWT=850°C for plastic parts
Installation	Wall recessed mounting; Main cabling: Via 1 x M16 cable gland accepting cable 3 core x 1.0mm ² ; Connection: Push in connector in 3 poles accepting wires 3 core x 1.0mm ²
Material & finishing	Housing: Die-cast aluminum; Diffuser: PC; Mounting box: Plastic; Dark gray (RAL 7043), Light gray (RAL 9006)
Dimensions, weight	145 x 145 x 104mm, 0.55kg



Asymmetric
lighting
effect




Note: Product specifications can be changed without prior notice.

LED Marker

BBG150/151/152

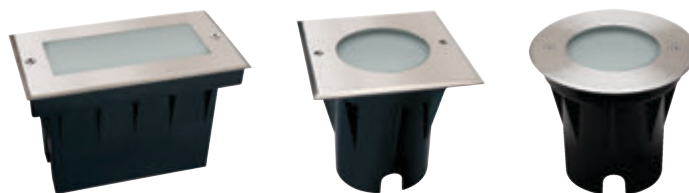
Combining a simple design with reliable lighting performance, this low-cost white-light LED marker delivers a glare-free soft light effect. It creates an appealing ambience at minimum cost, without compromising on the quality of the lighting.

Benefits

-  Reliable, robust design
-  Easy installation and maintenance-free
-  Environmentally friendly: no hazardous substances (no mercury, no lead) or UV

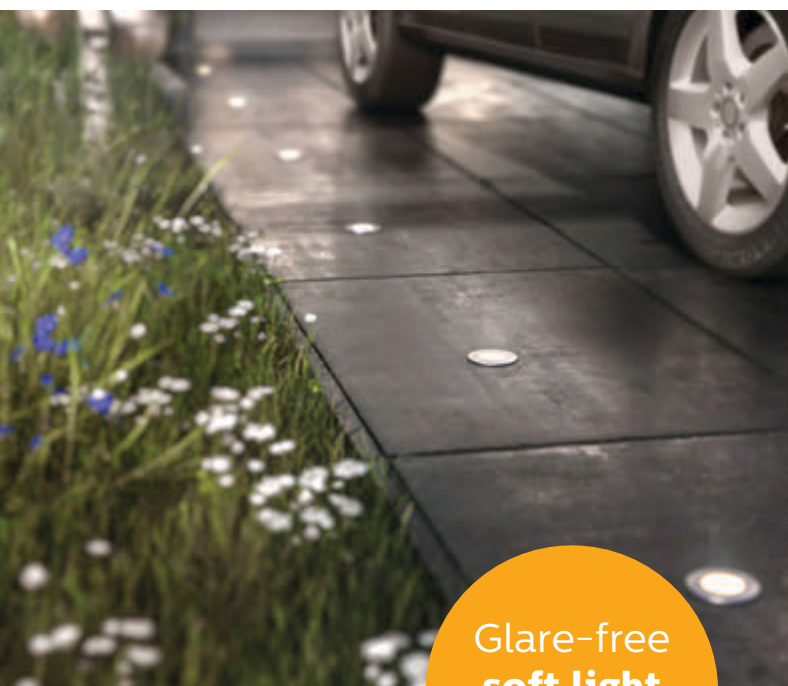
Suggested application

- Parks, gardens, and promenades
- Residential areas
- City centers + squares



Technical specifications

Model	BBG150	BBG151	BBG152
Light source	30 low power LEDs		
System lumen	WW: 50lm; NW: 55lm		
System power	3W		
Color temperature	3000K (WW)/ 4000K (NW)		
CRI	NW>75; WW>80		
Driver	220-240V/50-60Hz, integrated		
Working temperature	-20°C < Ta < 40°C		
Resistance to heat and fire	GWT=850°C for plastic parts		
Installation	Inground recessed mounting; M16 cable gland; Connector in 3 poles		
Material & finishing	Housing: Die-cast aluminum; Surface cover: Brushed stainless; Diffuser: Tempered glass; Mounting box: Plastic; Housing: Dark grey (RAL 7043); Surface cover: Brushed stainless		
Dimensions (LxWxH), weight	175 x 99 x 115mm 1.06kg	142 x 142 x 137mm 0.97kg	φ153 x 137mm 0.94kg
Certifications	CCC		



Glare-free
soft light
effect



Note: Product specifications can be changed without prior notice.

Smart LED Bracket

BWG160/161

A robust and highly reliable solution that's easily installed while providing a high degree of flexibility to create a unique lighting experience.

Benefits

- High quality LEDs and integrated driver ensures a system lifetime of over 25,000 hours.
- Robustly designed through strict process control to ensure IP65 protection and IK08 impact resistant through lifetime.
- Comes with a mounting box for easy installation.

Suggested application

- Parks, gardens, and promenades
- Residential areas
- City centers + squares



Technical specifications

Model	BWG160	BWG161
Light source	1/2/4 high power LEDs	
System lumen	NW: 1 LED > 150lm; 2 LED > 300lm; 3 LED > 450lm	
System power	2.8W (1 LED)/ 5.1W (2 LED)/ 7W (4 LED)	
Color temperature	3000K (WW)/ 4000K (NW)	
CRI	NW>75; WW>80	
Beam angle	36°/60°	
Driver	220-240V/50-60Hz, integrated	
Working temperature	-20°C < Ta < 40°C	
Resistance to heat and fire	GWT=850°C for plastic parts	
Installation	Wall mounting; M12 cable gland accepting cable 3 core	
Material & finishing	Housing: Die cast aluminum; Cover: PC plastic; Mounting box: Plastic; Housing color: Dark gray (RAL 7043), Light gray (RAL9006)	
Dimensions, weight	140 x 64 x 112mm, 0.4kg	

220-240V
50-60 Hz

25,000
H

IP 65
IK08

Class I



Unique
lighting
experience



Note: Product specifications can be changed without prior notice.

Vaya Line Inground

BBP303/BBP312

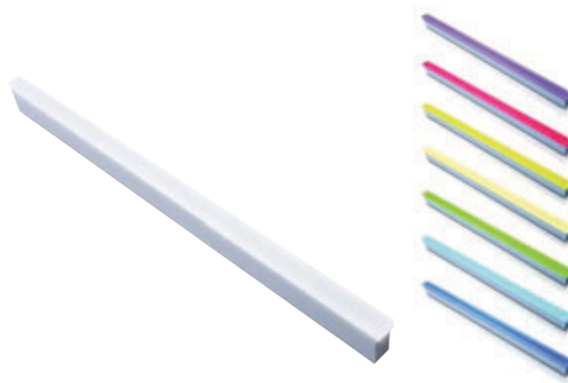
A decorative ground recessed fixture, dynamic lighting makes the idea to life with its compact size, frameless design and high quality and comfortable light. DMX controllable dynamic lighting makes the idea to life

Benefits

- Frameless design, no visible end cap, super thin metal frame. Seamless connection creating continuous lighting effect.
- Compact size of 50mm width, flexibility for intergrating into architecture design.
- Uniform light output and consistent color light.

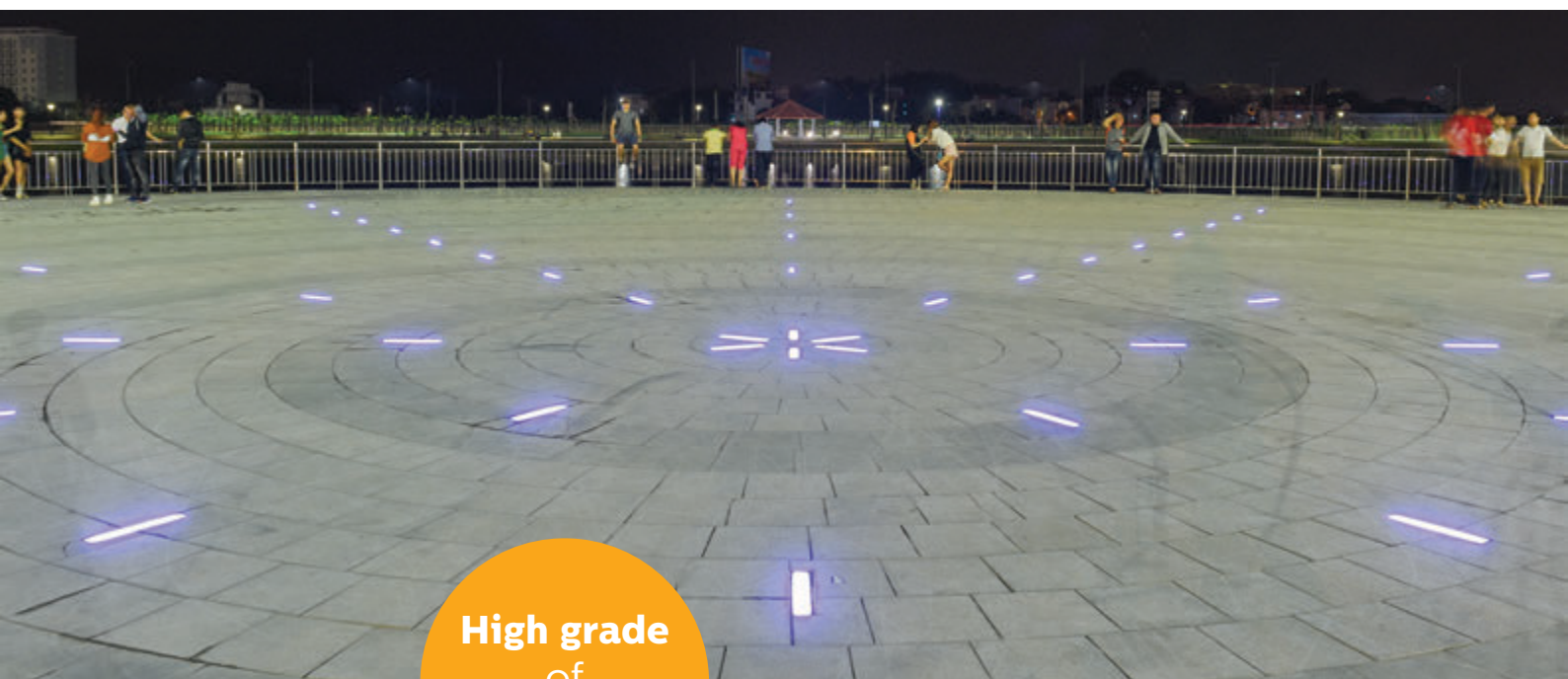
Suggested application

- Parks, gardens + Square
- Residential areas + Pedestrian walk
- Commercial area +Hotel lobby + Security lighting



Technical specifications

Model	BBP303	BBP312
Light source	White: 15 x LP LED RGB: 150 x LP LED	White: 60 x LP LED RGB: 600 x LP LED
Luminance	WW: 1162 cd/m ² ; NW: 1218 cd/m ² ; RGB: 2022 cd/m ²	
System power	White: 1.6W; RGB: 9W	White: 6.5W; RGB: 35W
Color temperature	WW 3000K, NW 4000K, RGB (mono color availabe on request)	
Control	White: On/Off; RGB: DMX512 control	
Working temperature	-40°C to + 50°C	
Installation	Ground or wall recessed with pre-recessed box	
Material &finishing	Extruded aluminum body and embedded casing, PMMA translucent panels	
Dimensions, weight	Body: 315 x 44 x 122mm embedded casing: 316 x 51 x 147mm 1.5kg	Body: 1200 x 44 x 122mm embedded casing: 1201 x 51 x 147mm 4.5kg
Certifications	CQC, CB , CE	



High grade
of
protection




Note: Product specifications can be changed without prior notice.

ObstiVision G2

XGP500

Specifically designed for obstruction lighting. High-power LED technology and optimized optics work side by side to deliver a reliable aviation warning system. Moreover, Philips ObstiVision's maintenance-free design translates to significant savings over time.

Benefits

-  Safe. Philips ObstiVision is vibration-proof and is designed with 6000V surge protection.
-  Easy to use. This luminaire works with different power inputs.
-  Design flexible. Steady burning as default, simply switch to flashing mode by pushing on a button in the driver.

Suggested application

- Tall buildings + Towers
- Airports + General aviation warning purposes



Technical specifications

Model	ObstiVision - XGP500 Gen 2
Light source	1 x High Power LED
Light intensity	Type A, >10cd
System power	<4W
Color	Aviation Red (ICAO)
Flashing time	1 sec. on / 1 sec. off; 30Hz
Control interface	Steady burning/flashing
Working temperature	-40°C to +55°C
Installation	Pipe installation
Material & finishing	Housing: high-pressure, die-cast aluminum; cover: glass, UV-protected clear, stainless steel plate to support LED unit
Weight	1.35kg
Wind load at 200 km/h	Less than 40N

100-240V
50-60Hz

50,000
H

IP66

Class II

ICAO
standards

Note: Product specifications can be changed without prior notice.



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