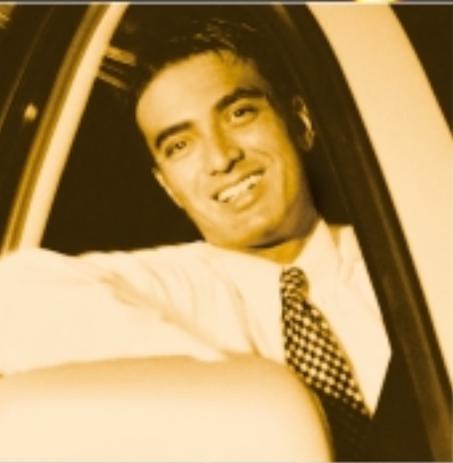
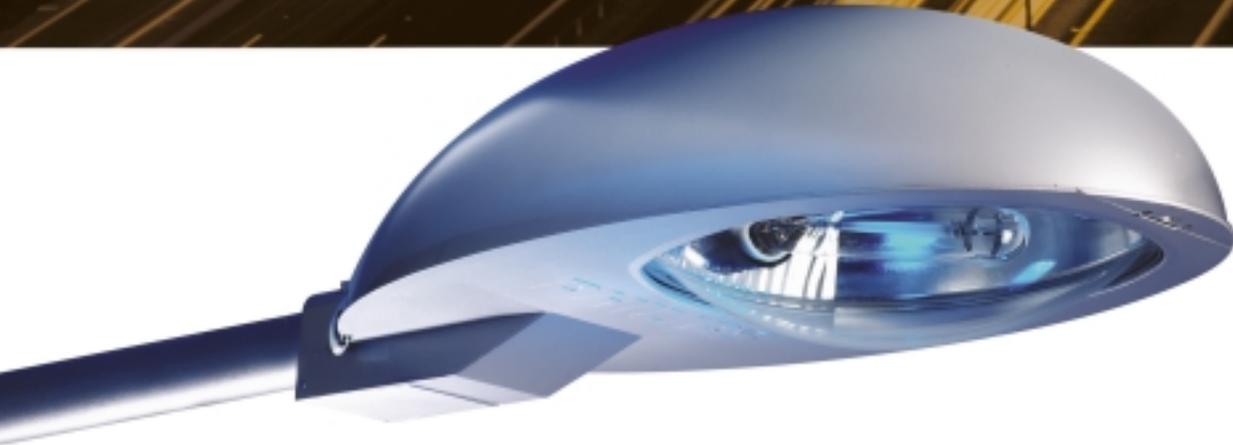


PHILIPS



Broadway

road lighting



lighting solutions that really last

humanising the city by

bringing aesthetics into the street

Philips brings you Broadway, a new road lighting solution which embodies functionality and aesthetics reflecting the aspirations of today's modern cities.

Lighting plays a central role in the way people feel in and about their city. Good lighting provides safer conditions for pedestrians and traffic, it helps to guard against crime and vandalism, and perhaps most importantly, it helps to create a positive image of a city, stimulating a sense of communal identity and pride. Well-planned lighting can transform cities and towns completely by enhancing the atmosphere. This not only pleases the people, but also increases tourism.

Broadway has the ability to strike a balance between performance and image to perfection. It is designed to offer pleasing effects in urban road lighting. To create optimal visibility while assuring visual comfort, Broadway provides uniform, low glare lighting. Moreover, Broadway is easy to maintain, thereby contributing to cost savings.



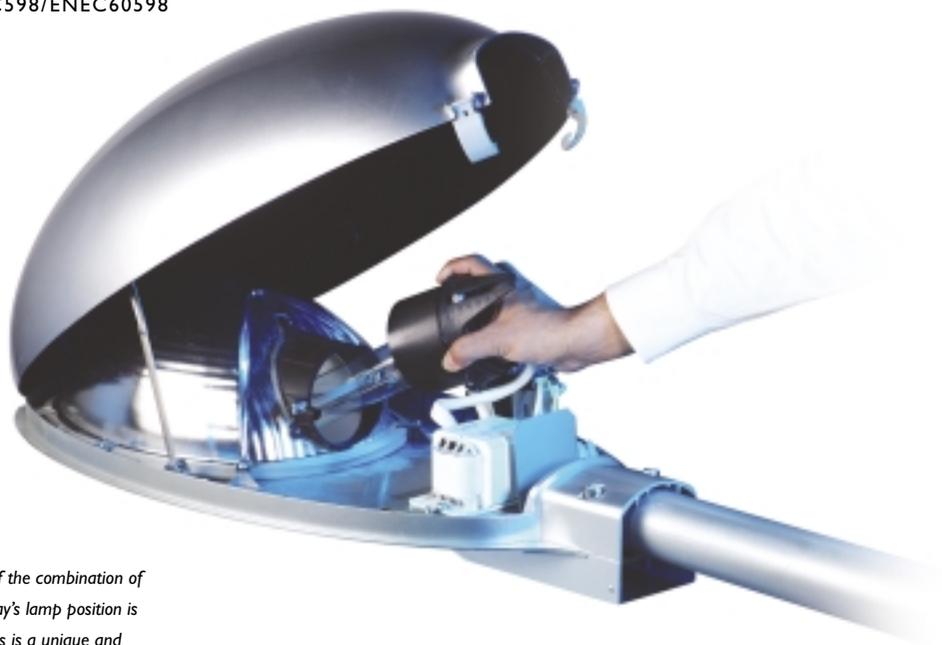
the future of road lighting

The Broadway luminaire comes with a housing made of recyclable aluminium alloy which does not need painting to prevent corrosion of housing. However, paint options are available as an optional feature. Supplied as one complete, pre-mounted unit, it is easy to handle and readily available for installation.

Broadway can accommodate high-pressure sodium (SON-T) lamps as well as metal halide lamps that range from 150W to 400W.

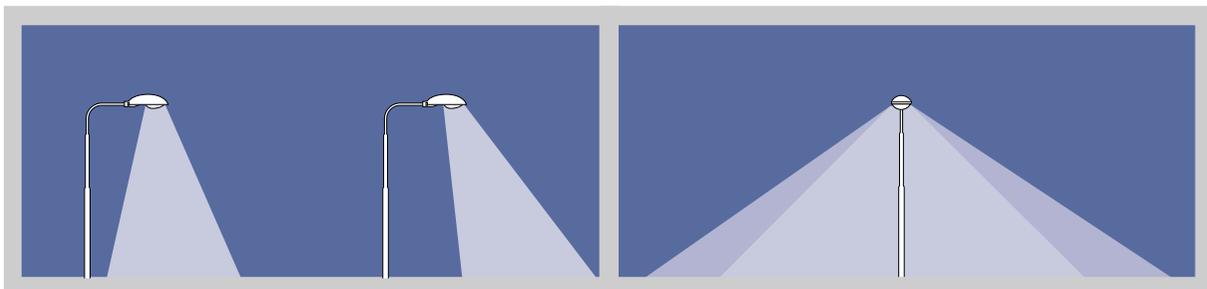
Key features of the Broadway include:

- Dedicated faceted optics to optimize beam control and maximize light output
- Adjustable optics
- Choice of different bowls: curved or flat glass
- High IP: lamp compartment IP66, dust-tight and jet-water proof
- Dimming option by using Philips Chronosense controller
- Maintenance from above in an ergonomic position
- Fully complies with IEC598/ENEC60598



Adjustable optics

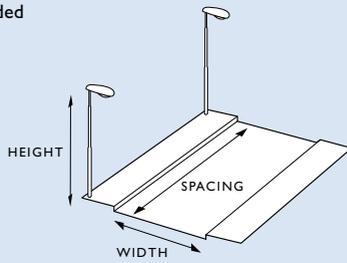
Broadway's lighting characteristics are a direct result of the combination of the lamp and reflectors used in the luminaire. Broadway's lamp position is adjustable for a very exact directional beam control. This is a unique and effective feature which helps bring light where it is most needed.



Basic lighting arrangements

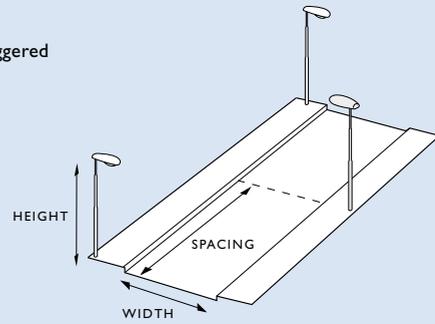
Guidelines to arrive at pole height and spacing to achieve good lighting uniformity

Single sided



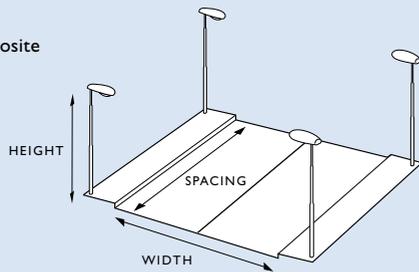
Height = Width
Spacing = 3.5 to 4 times Height

Staggered



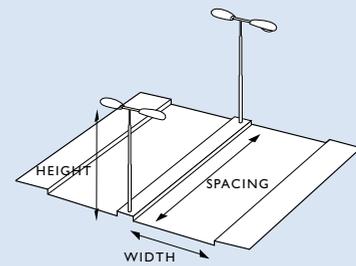
Height = Width
Spacing = 3 to 3.5 times Height

Opposite



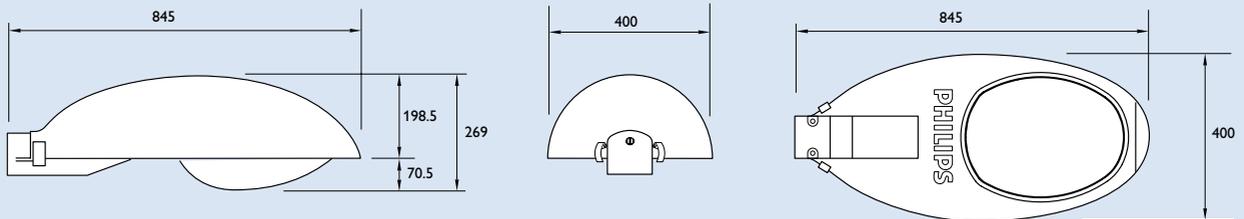
Height = 0.5 times Width
Spacing = 3.5 to 4 times Height

Central



Height = 0.8 times Width
Spacing = 3 to 3.5 times Height

Dimensional sketches



Measurements in mm

Ordering data

	Lamp	Bowl	Dimensions LxWxH (mm)	Net weight (kg)	Packaging dimensions LxWxH (mm)	Color	Ordering number
S/MGP 268	SON-T+150	Desormed glass	845 x 400 x 269	12.2	1024 x 520 x 395	No	8241 069 16189
S/MGP 268	SON-T+250	Desormed glass	845 x 400 x 269	13.0	1024 x 520 x 395	No	8241 069 16389
S/MGP 268	SON-T+400	Desormed glass	845 x 400 x 269	15.0	1024 x 520 x 395	No	8241 069 16589
S/MGP 268	HPI-T+250	Desormed glass	845 x 400 x 269	12.2	1024 x 520 x 395	No	8241 069 16689
S/MGP 268	HPI-T+400	Flat glass	845 x 400 x 198.5	13.0	1024 x 520 x 395	No	8241 069 16889
S/MGP 268	SON-T+150	Flat glass	845 x 400 x 198.5	12.2	1024 x 520 x 395	No	8241 069 16289
S/MGP 268	SON-T+250	Flat glass	845 x 400 x 198.5	13.0	1024 x 520 x 395	No	8241 069 16489
S/MGP 268	HPI-T+250	Flat glass	845 x 400 x 198.5	12.2	1024 x 520 x 395	No	8241 069 16789



the essentials of effective urban road lighting

Major urban roads which wind through the busy city area support mixed traffic conditions. Often, these roads lead through prestigious city areas and commercial centers, which project the image of the city. The challenge is to light up urban roads that ensure the safety of road users, facilitate easy traffic flow as well as helping to improve the city image.

Excellent aesthetics

In today's competitive world, cities are competing against each other to attract more investments and tourists. Most modern cities are investing to improve city infrastructure and aspire to have buildings with modern architecture. To enhance city image, the appearance of luminaires and the use of appropriate lamps are extremely important to compliment the city architecture. Luminaires bearing good aesthetics can help improve the city skyline.

Uniform low glare lighting

Lighting requirements on major urban roads, which carry the bulk of motorized traffic, are extremely critical. Adequate lighting level, with good

uniformity and low glare, is crucial in creating optimal visibility without compromising on visual comfort. The road users must be able to clearly see what lies ahead throughout the entire journey. This demands luminaires with good optics design as well as the ability to produce well controlled, low-glare light beams.

Low cost of ownership

A majority of the cost of road lighting is devoted to the masts, cables, trenches and ducts. By using luminaires and lamps which guarantee high technical performance, fewer masts are required. Luminaires with high optical efficiency, coupled with the use of dimming circuits, can save substantial energy and costs.

Easy maintenance

Easy maintenance is important in contributing to cost savings. Luminaire maintenance during the day is not only risky, but also obstructive to traffic. Night-time maintenance is an option, but a costly one. The ideal solution is provided by lamps which boast long life and specially-designed luminaires with a high degree of IP protection that can be maintained easily.



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