

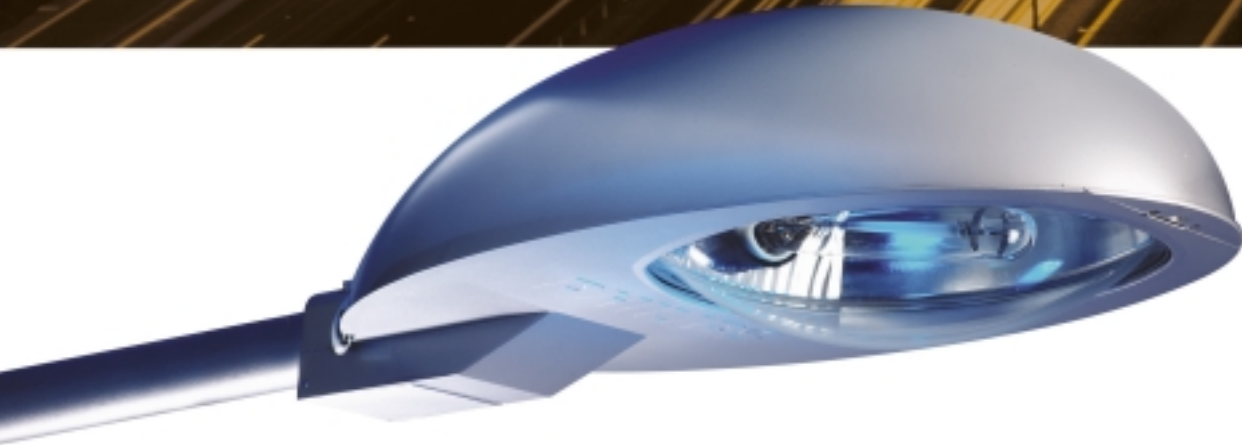
A long-exposure photograph of a highway at night, showing vibrant light trails from cars in yellow, red, and white, curving into the distance under a dark sky.

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.

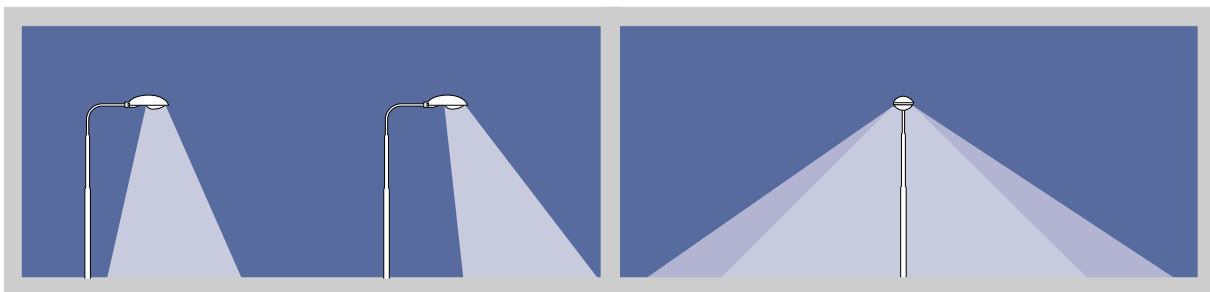
Key features of the Broadway include:

- 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

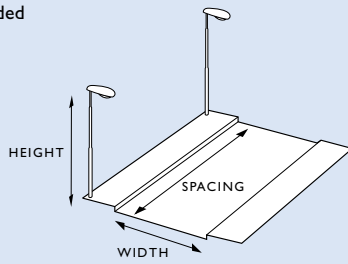
Broadway's lighting characteristics are a direct result of the combination of the lamp and reflectors used in the luminaire. Broadway's lamp position is adjustable for a very exact directional beam control. This is a unique and effective feature which helps bring light where it is most needed.



Basic lighting arrangements

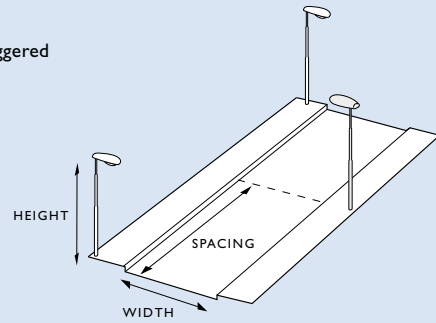
Guidelines to arrive at pole height and spacing to achieve good lighting uniformity

Single sided



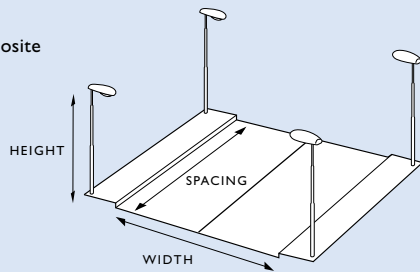
Height = Width
Spacing = 3.5 to 4 times Height

Staggered



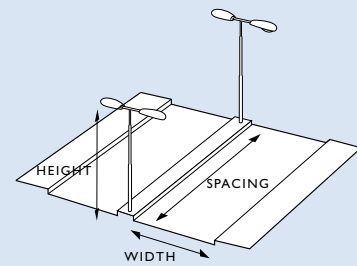
Height = Width
Spacing = 3 to 3.5 times Height

Opposite



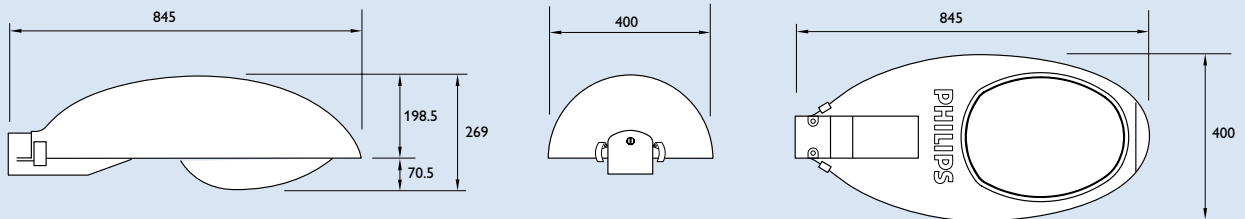
Height = 0.5 times Width
Spacing = 3.5 to 4 times Height

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.



**Hong Kong – Philips Electronics
Hong Kong Ltd.**
Lighting Asia Pacific Headquarters
27th Floor, Hopewell Centre
17 Kennedy Road, Wanchai, Hong Kong
Tel: + 852 2821 5300
Fax: + 852 2821 5342
E-mail: ltinfo.hongkong@philips.com

Australia – Philips Lighting
Level 1, Philips House
65 Epping Road, North Ryde
NSW 2113, Sydney, Australia
Tel: + 61 2 9947 0000 or
1300 304 404 (toll free-local only)
Fax: + 61 2 9947 0325
E-mail: ltinfo.australia@philips.com

China – Philips Lighting
No. 1805 Hu Yi Road, Malu Town
Jiading District, Shanghai, 201801, P.R.China
Tel: + 86 21 5915 4060
Fax: + 86 21 5915 4064
E-mail: ltinfo.china@philips.com

India – Philips Lighting
Lighting Division
Motorola Excellence Centre, 5th Floor
415/2 Mehrauli-Gurgaon Road
Sector -14, Haryana-122001, India
Tel: + 91 124 509 1900
Fax: + 91 124 509 1912
E-mail: ltinfo.india@philips.com

Indonesia – Philips Lighting
Gedung Philips
J1. Buncit Raya Kav. 99-100
Jakarta 12510, Indonesia
Tel: + 62 31 8491 674 or
0800 10 52678 (hotline-local only)
Fax: + 62 31 8473 240
E-mail: ltinfo.indonesia@philips.com

Japan – Philips Lighting
Philips Building
13-37, Kohnan 2-chome
Minato-ku, Tokyo 108-8507, Japan
Tel: + 81 3 3740 5156
Fax: + 81 3 3740 5163
E-mail: ltinfo.japan@philips.com

Korea – Philips Lighting
260-199 Itaewon-dong
Yongsan-ku, Seoul 140-200, Korea
Tel: + 82 2 709 1312
Fax: + 82 2 709 1350
E-mail: ltinfo.korea@philips.com

Malaysia – Philips Lighting
76, Jalan Universiti
46200 Petaling Jaya
Selangor Darul Ehsan, Malaysia
Tel: + 60 3 7957 5511
Fax: + 60 3 7955 2739
E-mail: ltinfo.malaysia@philips.com

New Zealand – Philips Lighting
2 Wagener Place, Mt Albert
PO Box 1041, Auckland, New Zealand
Tel: + 64 9 815 4000 or
0800 454 448 (toll free-local only)
Fax: + 64 9 849 7812 or
0800 160 875 (toll free-local only)
E-mail: ltinfo.newzealand@philips.com

Pakistan – Philips Lighting
F-54, S.I.T.E.
Karachi-75730, Pakistan
Tel: + 92 21 256 0071
Fax: + 92 21 257 8920
E-mail: ltinfo.pakistan_2@philips.com

Philippines – Philips Lighting
Philips House
106 Valero St. Salcedo Village
1227 Makati City, Philippines
Tel: + 63 2 845 7840
Fax: + 63 2 816 6340
E-mail: ltinfo.philippines@philips.com

Singapore – Philips Lighting
620A Lorong 1 Toa Payoh
Singapore 319762, Singapore
Tel: + 65 6882 3530
Fax: + 65 6253 2343
E-mail: ltinfo.singapore@philips.com

Taiwan – Philips Lighting
25B, No.66, Chung Hsiao W. Road
Sec. 1, Taipei, Taiwan
Tel: + 886 2 2382 7666 or
0800 231 099 (toll free-local only)
Fax: + 886 2 2382 4422
E-mail: ltinfo.taiwan@philips.com

Thailand – Philips Lighting
515 Moo 4, Pattana 3 Road
Bangpoo Industrial Estate, Soi 8B
Preaksa, Samutprakarn 10280, Thailand
Tel: + 66 2 709 3300
Fax: + 66 2 740 4960-1
E-mail: ltinfo.thailand@philips.com

Vietnam – Philips Lighting
99-101 Ham Nghi Street
Ward: Nguyen Thai Binh
District 1, Ho Chi Minh City, Vietnam
Tel: + 84 8 914 2248 Ex.304
Fax: + 84 8 914 2249
E-mail: ltinfo.vietnam@philips.com

32 2-000 3 001-01

www.lighting.philips.com/apr

© Koninklijke Philips Electronics N.V. 2004

All rights reserved, reproduction in whole or in part without permission is prohibited.

Free Manuals Download Website

<http://myh66.com>

<http://usermanuals.us>

<http://www.somanuals.com>

<http://www.4manuals.cc>

<http://www.manual-lib.com>

<http://www.404manual.com>

<http://www.luxmanual.com>

<http://aubethermostatmanual.com>

Golf course search by state

<http://golfingnear.com>

Email search by domain

<http://emailbydomain.com>

Auto manuals search

<http://auto.somanuals.com>

TV manuals search

<http://tv.somanuals.com>