



Lighting

Street lighting



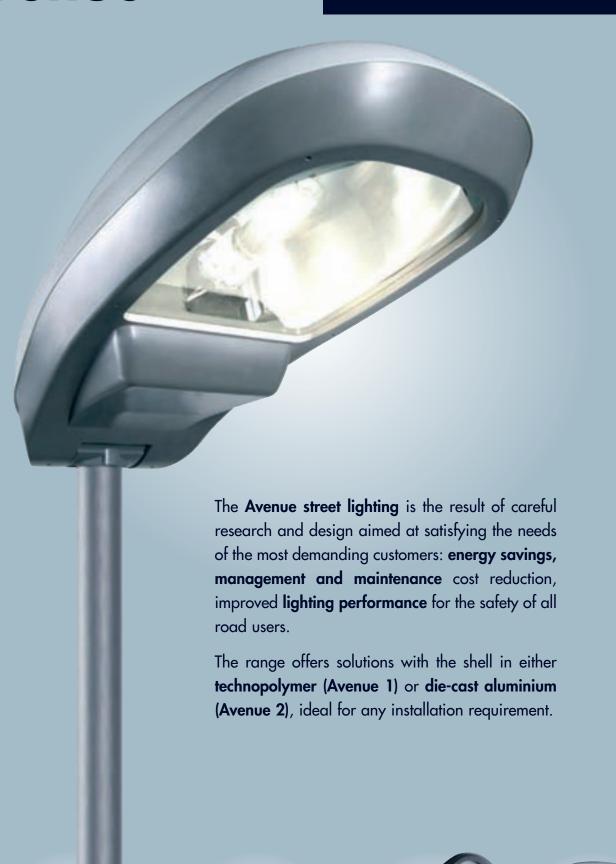
2007

GEWISS

www.gewiss.com



Avenue





ENEC mark

The Avenue product range meets the requirements of specific European standards.

IP65

Rating IP65



Degree of protection IP 65, for both the optical and electrical compartments.



Double Insulation

This guarantees greater safety regarding accidental electrical contacts.

IK08 5J



Degree of protection against mechanical impact

RATING IK 08 EQUAL TO 5 J.



Controlled Light Emission

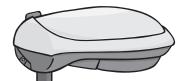
The versions of Avenue 1 and Avenue 2 with flat glass comply with regional standards regarding light pollution, as they have an optic system controlled at 0 Cd \geq 90°.



Avenue 1 Avenue 2
GLASS 0,14 m² 0,16 m²
BOWL 0,16 m² 0,19 m²

Surface Exposed to Wind

Indicates the maximum surface exposed to the wind. The aerodynamic form of the shell limits the surface area exposed to the wind.



Straight pole

For poles with diameter from 42 to 76 mm. Inclination:

Avenue 1: from 0 to $+15^{\circ}$

Avenue 2: from 0 to $+20^{\circ}$



Whip pole

For poles with diameter from 42 to

76 mm. Inclination: **Avenue 1:** \pm 15°

Avenue 2: ± 20°

Types of optics and applications



In both the technopolymer and die-cast aluminium versions, Avenue offers a vast range of sources and different combinations of optics and accessories: the **CUT-OFF optics** are suitable for lighting main urban roads and motorways. Also by using **SEMI CUT-OFF optics with or without a visor** it is possible to guarantee adequate lighting for car-parks, large squares and secondary roads.

Sources with a power varying from 50W to 400W are available, with sodium technologies, metal halides, mercury vapours and electronic fluorescents.

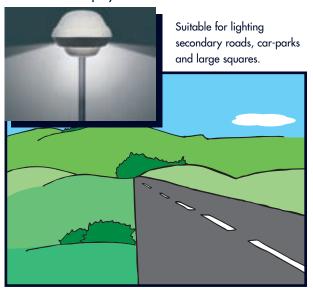
Cut-off Optics

Version with flat glass.



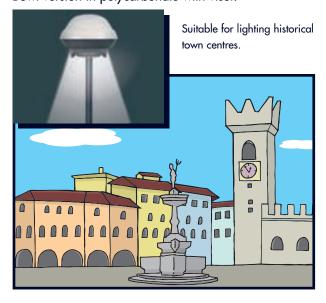
Semi Cut-off Optics

Bowl version in polycarbonate without visor.



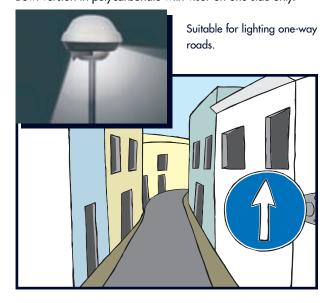
Semi Cut-off Optics

Bowl version in polycarbonate with visor.



Semi Cut-off Optics

Bowl version in polycarbonate with visor on one side only.



Avenue for energy savings

The aim of world conferences on climate held in recent years has been to reduce electricity consumption and the emissions of carbon dioxide into the air. It is estimated, that the lighting in the industrial world constitutes around 15% of overall electricity consumption.

Therefore, there is a need to supply products which meet these requirements.

Bi-power versions

The BI-POWER versions allow a notable reduction in energy consumption, even when adhering to lighting values specified by regulations.

The special programmable electronic device allows for the reduction of power, for example from 150W to 95W, reducing the light flow late at night when vehicle traffic is at a minimum.

The system does not require external clocks or additional command inputs for the internal gear tray. In addition, the electronic device automatically follows the seasonal variations of the cycles of light and darkness, ensuring energy and economic savings of at least 30% during the hours of reduced power operation.

The experience of these new systems demonstrates that the initial investment (greater compared with conventional versions) is recovered within 3 or 4 years on average.





Fluorescent sources

Avenue is the **only street lighting** that offers the new **electronic fluorescent** sources up to 120W, utilising electronic power supplies, guaranteeing a useful life of 20.000 hours - almost double that of traditional discharge sources - offering a solution with considerable **energy savings**.

Electronic power supplies that are used, comply with class A2 of the Energetic Efficiency Index (EEI) (a classification recognised throughout Europe).







Easy installation and maintenance

The device is opened ergonomically by **1/4 turn lever** and **2 the double** safety guides keep the device open during installation and maintenance operations.

In the event of a fault, **3 the case** with the electrical components and lamp can be replaced in just a few seconds, without the need for tools. The individual components can then be repaired at the workshop bench. This reduces the time spent by operators in raised positions, and thereby eliminates the inconvenience to traffic.

After being installed, the street lighting can be adjusted with 4 angles ± 15° for Avenue 1 and ± 20° for Avenue 2. The inclination even on negative corners allows the positioning of the lighting parallel to the ground, even when the device is installed on curved outreach arms.



Laboratory test

Resistance in all atmospheric conditions

The pole coupling in die-cast aluminium ensures the maximum hold against mechanical stress due to particular atmospheric conditions such as:



- WIND at over 180km/h
- Static load for **SNOW**: over 50kg (Avenue 1) over 75kg (Avenue 2)

Both the technopolymer cover and the die-cast aluminium cover ensure the maximum mechanical robustness even against violent shocks such as those

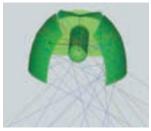


caused by a HAILSTORM, and the maximum resistance to particularly critical corrosive ATMOSPHERIC AGENTS, for example SEA SALT.



Photometrical performance

The optic system, designed with special software, ensures excellent photometrical performance levels. The emission on the longitudinal plane of the road is controlled by the side walls of the optic, which guarantee an optimum opening of the light band and therefore increasing the required distance between columns.



Photometrical emission

Special versions available on request

Safety switch

The electromechanical knife divider is used, to isolate the power supply during maintenance operations.

It is not supplied as standard, as Avenue is made entirely with double insulation.



Fuse holder

To isolate the gear tray in the event of a fault in the lamp or the electrical auxiliaries, it is possible to have a fuse holder in the case containing the components, along with a fuse of suitable capacity.



Light-sensitive sensor (photoelectric cell)

This allows the individual lights to be switched on and off, depending on the quantity of daylight. It is recommended in schemes where it is not possible to disconnect the power supply, even during the daytime.



Customer Service

To personalise the product or create lighting industry projects, you can contact the GEWISS Customer Service, who will assist you with all your requirements.

The software **GEWISS PROLITE 5.0**, which can also be downloaded from the portal, allows you to create any type of lighting industry design.

For Info Contact S.A.T. GEWISS

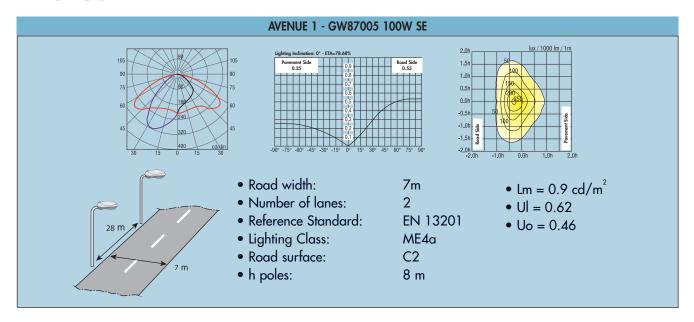
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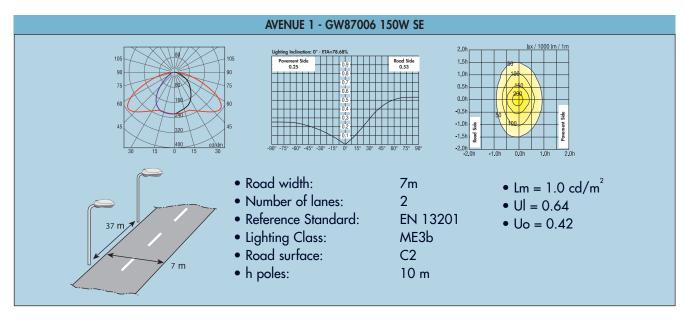
litedivision@gewiss.com

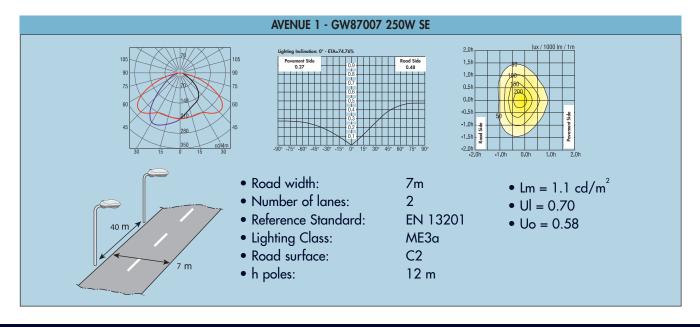


GEWISS

Avenue 1

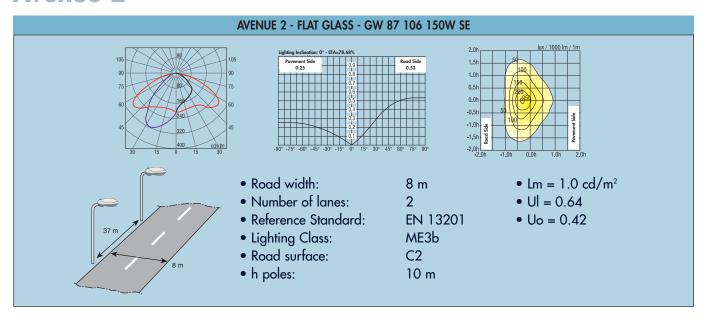


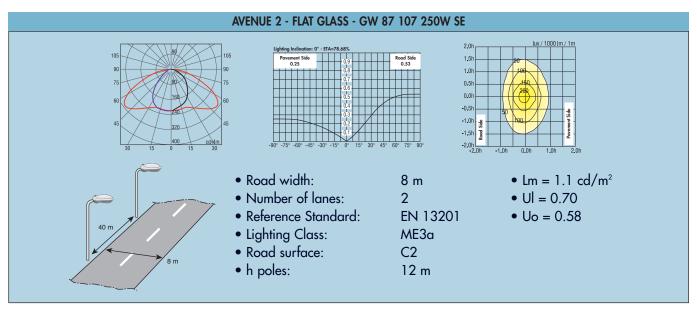


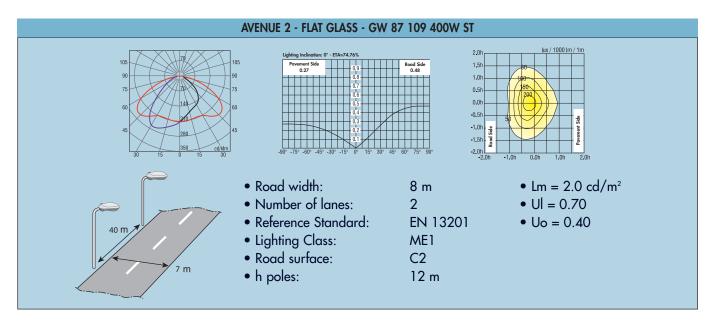


Design solutions

Avenue 2









CUT-OFF OPTICS- ADJUSTABLE INCLINATION

GW87001

WIRED VERSIONS WITH P.F. CORRECTION - FLAT GLASS - IP65 - CLASS II



Code	Lamp	Lamp	Lamp	Lamp	Colour	Weight	Pack
	Power	Туре	Holder	Current		(Kg)	Carton
VOLTAGE: 230 \	/ - 50 Hz						
GW 87 001	125 W	QE	E27	1.15 A	Slate grey / Pearl grey	9.4	1
GW 87 002	250 W	QE	E40	2.2 A	Slate grey / Pearl grey	10.3	1
GW 87 003	50 W	SE - ST	E27	0.8 A	Slate grey / Pearl grey	7.7	1
GW 87 004	70 W	ME - MT / SE - ST	E27	1 A	Slate grey / Pearl grey	8	1
GW 87 005	100 W	ME - MT / SE - ST	E40	1.1 A	Slate grey / Pearl grey	9.6	1
GW 87 006	150 W	ME - MT / SE - ST	E40	1.8 A	Slate grey / Pearl grey	10	1
GW 87 007	250 W	ME - MT / SE - ST	E40	3 A	Slate grey / Pearl grey	11.3	1
GW 87 008	250 W	ME - MT*	E40	2.2 A	Slate grey / Pearl grey	10.5	1

^{*} Lamp with 0,7 ÷ 1KV striking voltage.



NON-WIRED VERSIONS



Code	Max.	Lamp	Lamp	Lamp	Colour	Weight	Pack	
	Lamp power	Туре	Holder	Current		(Kg)	Carton	
GW 87 041	125 W	-	E27	-	Slate grey / Pearl grey	8.1	1	
GW 87 042	250 W	-	E40	-	Slate grey / Pearl grey	8.2	1	

CUT-OFF OPTICS- ADJUSTABLE INCLINATION - BI-POWER



WIRED VERSIONS WITH P.F. CORRECTION - FLAT GLASS - IP65 - CLASS II



Code	Lamp	Lamp	Lamp	Lamp	Colour	Weight	Pack
	Power	Туре	Holder	Current		(Kg)	Carton
VOLTAGE: 23	0 V - 50 Hz						
GW 87 021	125 - 80 W	QE	E27	0.8 A	Slate grey / Pearl grey	7.8	1
GW 87 022	70 - 50 W	SE - ST	E27	1.15 A	Slate grey / Pearl grey	9.7	1
GW 87 023	100 - 70 W	SE - ST	E40	1 A	Slate grey / Pearl grey	8.5	1
GW 87 024	150 - 95 W	SE - ST	E40	1.1 A	Slate grey / Pearl grey	9.2	1
GW 87 025	250 - 150 W	SE - ST	E40	3 A	Slate grey / Pearl grey	11.7	1

CUT-OFF OPTICS- ADJUSTABLE INCLINATION - ELECTRONIC POWER SUPPLY FLUORESCENT LAMP





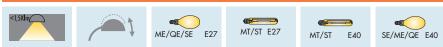


Code	Lamp	Lamp	Lamp	Lamp	Colour	Weight	Pack					
	Power	Туре	Holder	Current		(Kg)	Carton					
VOLTAGE: 220	VOLTAGE: 220 / 240 V - 50 / 60 Hz											
GW 87 031 F	60 W	FSQ	2G8	0.8 A	Slate grey / Pearl grey	8.4	1					
GW 87 032 F	85 W	FSQ	2G8	0.8 A	Slate grey / Pearl grey	8.6	1					
GW 87 033 F	120 W	FSQ	2G8	0.8 A	Slate grey / Pearl grey	6.8	1					

SEMI CUT-OFF OPTICS - ADJUSTABLE INCLINATION

W87051

WIRED VERSIONS WITH P.F. CORRECTION - WITH PC BOWL - IP65 - CLASS II



Code	Lamp	Lamp	Lamp	Lamp	Colour	Weight	Pack
	Power	Туре	Holder	Current		(Kg)	Carton
VOLTAGE: 230 \	/ - 50 Hz						
GW 87 051	125 W	QE	E27	1.15 A	Slate grey / Pearl grey	9	1
GW 87 052	250 W	QE	E40	2.2 A	Slate grey / Pearl grey	10.1	1
GW 87 053	50 W	SE - ST	E27	0.8 A	Slate grey / Pearl grey	7.4	1
GW 87 054	70 W	ME - MT / SE - ST	E27	1 A	Slate grey / Pearl grey	7.8	1
GW 87 055	100 W	ME - MT / SE - ST	E40	1.1 A	Slate grey / Pearl grey	9.5	1
GW 87 056	150 W	ME - MT / SE - ST	E40	1.8 A	Slate grey / Pearl grey	10.3	1
GW 87 057	250 W	ME - MT / SE - ST	E40	3 A	Slate grey / Pearl grey	11.1	1
GW 87 058	250 W	ME - MT*	E40	2.2 A	Slate grey / Pearl grey	10.2	1

^{*} Lamp with 0,7 ÷ 1KV striking voltage.



NON-WIRED VERSIONS



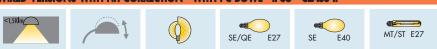


Code	Max.	Lamp	Lamp	Lamp	Colour	Weight	Pack
	Lamp power	Туре	Holder	Current		(Kg)	Carton
GW 87 091	125 W	-	E27	-	Slate grey / Pearl grey	7.9	1
GW 87 092	250 W	-	E40	-	Slate arey / Pearl arey	7.9	1

SEMI CUT-OFF OPTICS- ADJUSTABLE INCLINATION - BI-POWER



WIRED VERSIONS WITH P.F. CORRECTION - WITH PC BOWL - IP65 - CLASS II



Code	Lamp Power	Lamp Type	Lamp Holder	Lamp Current	Colour	Weight (Kg)	Pack Carton
VOLTAGE: 230	0 V - 50 Hz						
GW 87 071	125 - 80 W	QE	E27	0.8 A	Slate grey / Pearl grey	9.3	1
GW 87 072	70 - 50 W	SE - ST	E27	1.15 A	Slate grey / Pearl grey	9.5	1
GW 87 073	100 - 70 W	SE - ST	E40	1 A	Slate grey / Pearl grey	9.6	1
GW 87 074	150 - 95 W	SE - ST	E40	1.1 A	Slate grey / Pearl grey	10.3	1
GW 87 075	250 - 150 W	SE - ST	E40	3 A	Slate arey / Pearl arey	11.5	1



SEMI CUT-OFF OPTICS- ADJUSTABLE INCLINATION - ELECTRONIC POWER SUPPLY, FLUORESCENT LAMP

WIRED VERSIONS WITH P.F. CORRECTION - WITH PC BOWL - IP65 - CLASS II





Code	Lamp	Lamp	Lamp	Lamp	Colour	Weight	Pack			
	Power	Туре	Holder	Current		(Kg)	Carton			
Voltage: 220 / 240 V - 50 / 60 Hz										
GW 87 081 F	60 W	FSQ	2G8	0.8 A	Slate grey / Pearl grey	8.2	1			
GW 87 082 F	85 W	FSQ	2G8	0.8 A	Slate grey / Pearl grey	6.6	1			
GW 87 083 F	120 W	FSQ	2G8	0.8 A	Slate grey / Pearl grey	8.5	1			

AVENUE 1 RANGE - COMMON ARTICLES



Code	ITARY ITEMS FOR INSTALLA	Power	Timelani	Pack
Lode	Description	rower	Туроюду	
				Carton
GW 87 201	Spare parts kit	125 W	QE	1
GW 87 202	Spare parts kit	250 W	QE	1
GW 87 203	Spare parts kit	50 W	SE-ST	1
GW 87 204	Spare parts kit	70 W	SE-ST / ME-MT	1
GW 87 205	Spare parts kit	100 W	SE-ST / ME-MT	1
GW 87 206	Spare parts kit	150 W	SE-ST / ME-MT	1
GW 87 207	Spare parts kit	250 W	SE-ST / ME-MT	1
GW 87 208	Spare parts kit	250 W	ME-MT*	1
GW 87 209	Flat glass			1/5
GW 87 210	Bowl			1/5
GW 87 211	Visor			1/5

^{*} Lamp with 0,7 ÷ 1KV striking voltage.



COMPLEMENTARY ITEMS FOR INSTALLATION										
Code	Description External Dim. Weight Pack									
		LxHxD(mm)	(Kg)	Carton						
GW 86 166	Fixing bracket	150x160x290	1.2	1						

CUT-OFF OPTICS- ADJUSTABLE INCLINATION

3W87106

WIRED VERSIONS WITH P.F. CORRECTION - FLAT GLASS - IP65 - CLASS II



Code	Lamp	Lamp	Lamp	Lamp	Colour	Weight	Pack
	Power	Туре	Holder	Current		(Kg)	Carton
VOLTAGE: 230 V	- 50 Hz						
GW 87 106	150 W	ME - MT / SE - ST	E40	1.8 A	Graphite grey / Aluminium	12.5	1
GW 87 107	250 W	ME - MT / SE - ST	E40	3 A	Graphite grey / Aluminium	13.5	1
GW 87 108	250 W	ME - MT*	E40	2.2 A	Graphite grey / Aluminium	12.5	1
GW 87 109	400 W	ST	E40	4.2 A	Graphite grey / Aluminium	12	1

^{*} Lamp with 0,7 ÷ 1KV striking voltage.



NON-WIRED VERSIONS



(Code	Max.	Lamp	Lamp	Lamp	Colour	Weight	Pack
		Lamp power	Туре	Holder	Current		(Kg)	Carton
(GW 87 142	400 W	-	E40	-	Graphite grey / Aluminium	1.2	1

CUT-OFF OPTICS- ADJUSTABLE INCLINATION - BI-POWER



WIRED VERSIONS WITH P.F. CORRECTION - FLAT GLASS - IP65 - CLASS II



Code	Lamp	Lamp	Lamp	Lamp	Colour	Weight	Pack
	Power	Туре	Holder	Current		(Kg)	Carton
VOLTAGE: 230) V - 50 Hz						
GW 87 124	150 - 95 W	SE - ST	E40	1.1 A	Graphite grey / Aluminium	12.5	1
GW 87 125	250 - 150 W	SE - ST	E40	3 A	Graphite grey / Aluminium	14	1

CUT-OFF OPTICS- ADJUSTABLE INCLINATION - ELECTRONIC POWER SUPPLY FLUORESCENT LAMP



WIRED VERSIONS WITH P.F. CORRECTION - FLAT GLASS - IP65 - CLASS II

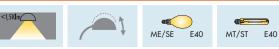


Code	Lamp	Lamp	Lamp	Lamp	Colour	Weight	Pack
	Power	Туре	Holder	Current		(Kg)	Carton
VOLTAGE: 220 / 240 V - 50 / 60 Hz							
GW 87 133 F	120 W	FSQ	2G8	0.8 A	Graphite arey / Aluminium	10	1

SEMI CUT-OFF OPTICS - ADJUSTABLE INCLINATION



WIRED VERSIONS WITH P.F. CORRECTION - WITH PC BOWL - IP65 - CLASS II



Code	Lamp	Lamp	Lamp	Lamp	Colour	Weight	Pack
	Power	Туре	Holder	Current		(Kg)	Carton
VOLTAGE: 230	V - 50 Hz						
GW 87 156	150 W	ME - MT / SE - ST	E40	1.8 A	Graphite grey / Aluminium	12	1
GW 87 157	250 W	ME - MT / SE - ST	E40	3 A	Graphite grey / Aluminium	13.5	1
GW 87 158	250 W	ME - MT*	E40	2.2 A	Graphite grey / Aluminium	12.5	1

^{*} Lamp with 0,7 ÷ 1KV striking voltage.





NON-WIRED VERSIONS







Code	Max.	Lamp	Lamp	Lamp Co	olour	Weight	Pack
	Lamp power	Туре	Holder	Current		(Kg)	Carton
GW 87 192	250 W	E40		Graphite grey /	Aluminium	10	1

SEMI CUT-OFF OPTICS- ADJUSTABLE INCLINATION - BI-POWER



WIRED VERSIONS WITH P.F. CORRECTION - WITH PC BOWL - IP65 - CLASS II







Code	Lamp Power	Lamp Type	Lamp Holder	Lamp Current	Colour	Weight (Kg)	Pack Carton
VOLTAGE: 23	0 V - 50 Hz						
GW 87 174	95 - 150 W	SE - ST	E40	1.1 A	Graphite grey / Aluminium	12.5	1
GW 87 175	150 - 250 W	SF - ST	F40	3 Δ	Graphite grey / Aluminium	1/	1

SEMI CUT-OFF OPTICS- ADJUSTABLE INCLINATION - ELECTRONIC POWER SUPPLY, FLUORESCENT LAMP

GW87183F











Code	Lamp Power	Lamp Type	Lamp Holder	Lamp Current	Colour	Weight (Kg)	Pack Carton
VOLTAGE: 230	V - 50 Hz						
GW 87 183 F	120 W	FSQ	2G8	0.8 A	Graphite grey / Aluminium	10	1

AVENUE 2 Range - Common articles



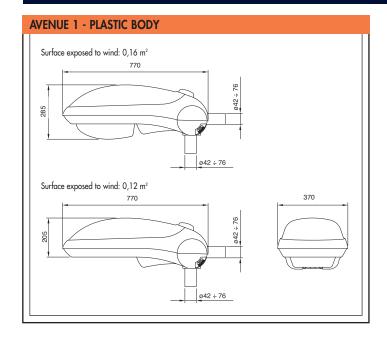
Code	Description	Power	Typology	Pack
	•			Carton
W 87 226	Spare parts kit	150 W	SE - ST / ME - MT	1
W 87 227	Spare parts kit	250 W	SE - ST / ME - MT	1
W 87 228	Spare parts kit	250 W	ME-MT*	1
W 87 229	Spare parts kit	400 W	ST	1
W 87 230	Flat glass			1
W 87 231	Bowl			1/5
W 87 232	Visor			1/5

^{*} Lamp with 0,7 ÷ 1KV striking voltage.

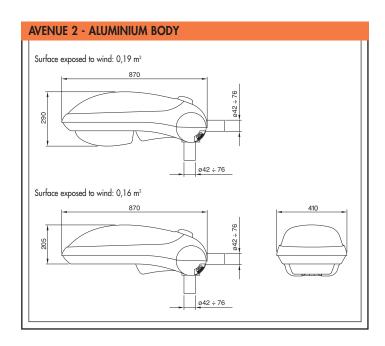


COMPLEME	NTARY ITEMS FOR INSTALL	ATION			
Code	Description	External Dim.	Weight	Pack	
		LxHxD(mm)	(Kg)	Carton	
GW 86 166	Fixing bracket	150×160×290	1.2	1	

DIMENSIONAL DRAWINGS











Place, new light in the city

Place is the lighting system with shielded optical globes for public and residential areas, in compliance with regional and national anti-light pollution regulations.

A special multipurpose patented pole, in extruded aluminium with a profile of 6 vertical guides, ensures unique ease of installation and can house various accessories: CCTV, signs, baskets, etc.



CATALOGUE & LITE

The GEWISS LITE catalogue offers technologically and aesthetically advanced lighting industry products, ideal for uses ranging from industry to road applications, from decorative use indoors and outdoors to emergency lighting.



FLOODLIGHTS

Compact devices of medium power, both decorative and multipurpose. The range of floodlights allows you to meet the most varying lighting requirements in outdoor and indoor areas, public and private places, sports facilities and roads.



REFLECTORS

Industrial reflectors and professional luminaires with a high technological content and offering a wide choice of dimensions, optics and sources. The variety of the offer allows you to satisfy the lighting needs in both the industrial and commercial sectors (for example: showrooms, shopping centres and shops).







A. Volta

Urban Lighting

Professional street lighting and devices for lighting outdoor public areas and for urban furnishings; meeting the standards relating to safety, energy saving requirements and light pollution limitation.



The STARTEC emergency luminaires range offers the most suitable solution for every design and regulation requirement in the field of emergency lighting and management.



GERMANY GEWISS DEUTSCHLAND - MERENBERG

UNITED KINGDOM GEWISS U.K. - CHIPPENHAM

SPAIN GEWISS IBÉRICA - MADRID

PORTUGAL GEWISS PORTUGAL - PENAFIEL

CHINA GEWISS ELECTRICAL DEVICES - SUZHOU

INDIA

C&S GEWISS INDIA - NEW DELHI

RUSSIA GEWISS RUSSIA - MOSCOW





CHILE GEWISS CHILE - SANTIAGO DE CHILE



The GEWISS Group

GEWISS is an international leader in the production of systems and components for low voltage electrical installations.

The fact that development is seen as a constant management feature has permitted GEWISS to assert itself as a reference interlocutor for the electrotechnical market in the creation of solutions for domotics, energy and the lighting industry.

It is now present in Italy, France, Germany, the United Kingdom, Spain, Portugal, India, China, Russia, Turkey, Romania, Chile, the United Arab Emirates and in a further 80 countries around the world.



GEWISS HEADQUARTERS - CENATE SOTTO (BG) - ITALY



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GEWISS

GEWISS S.p.A.

Via A. Volta, 1 - 24069 CENATE SOTTO (Bergamo) - Italy
Tel. +39 035 946 111 - Fax +39 035 945 222
gewiss@gewiss.com - www.gewiss.com