
iGuzzini
Quid Simply more

Light First
Social innovation through lighting

Socially engaged
iGuzzini is an international community at the service of architecture and the development of the culture of lighting, for a better society and a better life. It is a centre of excellence for the study of lighting in its various forms; it produces lighting systems in collaboration with leading lighting designers, architects, designers, universities and R&D centres all over the world. **Respect for the environment, biological wellbeing, and sustainable economies:** these are the drivers for the positive development of society on a global scale. Lighting is first and foremost for people, our commitment being to promote a responsible use of energy by public organisations, by the great protagonists of architecture, industry and commerce, supporting town mayors for a real improvement in wellbeing and quality of life.

Lighting innovation
Social innovation means responding to emerging needs with new ways of cooperating, in open networks, producing sustainable ideas and identifying new tools. Lighting can change things. It is at the centre of social change. It is the expression of **new vital energy** running through the city, building architecture, creating wellbeing for people. Lighting speaks about nature. It reveals worlds and relations, communities and mechanisms. iGuzzini works to improve the relation between man and the environment with lighting, through research, manufacturing, technology and knowledge.

iguzzini.com/lightfirst

Knock Dual Carriageway
Belfast, United Kingdom
Photographic processing
Project: Chroma Lighting
Photo: Chroma Lighting

Quid

Simply more.

design Enzo Eusebi

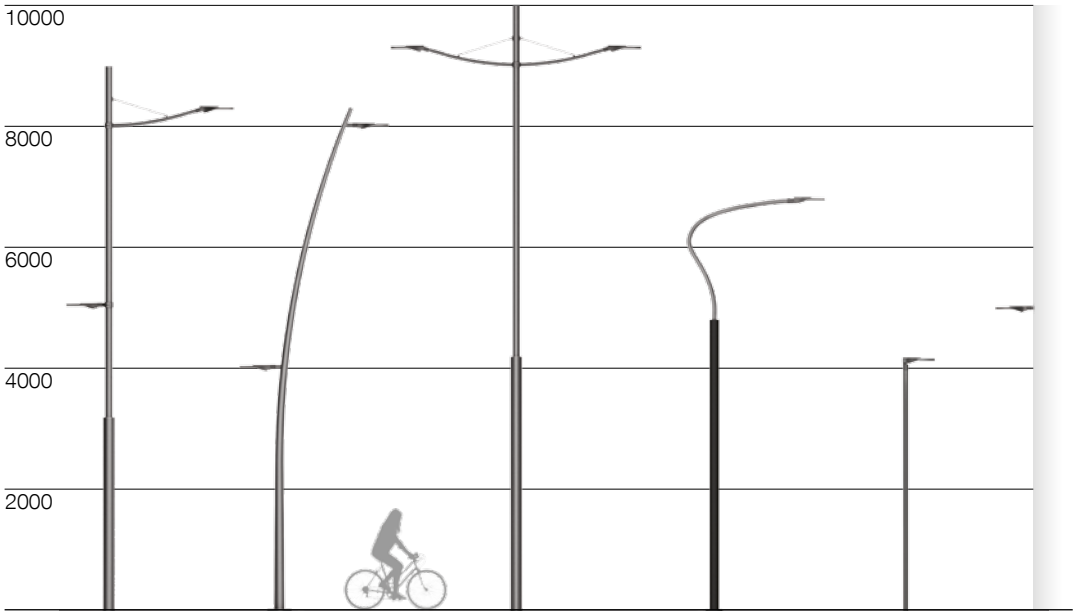
Quid's sleek design is inspired by the desire to strip off anything that is superfluous and focus on the product's essence. The distribution of its geometrical volumes is carefully designed to underline the luminaire's hi-tech character, and a formal contrast of curves and straight lines gives it a rational, balanced harmony. Quid is a LED street light that meets a wide range of present and future requirements, from a simple on-off mechanism to DALI management, which is the key means of access to potential "smart-city" integration. ST1 / ST1.2 and asymmetric street optics are available with Opti Smart lenses. Immediate energy savings of over 65% can be enjoyed even by just replacing existing lamps (like high pressure sodium or mercury lamps).
Quid is eco-design too, so at the end of its life, it can easily be broken down into its recyclable parts. Quid is now, but it's also tomorrow.

Overview

Info box

Optics	Dimensions	Flux	Power
ST1	314mm x 579mm	2300 lm	19 W
ST1	314mm x 579mm	3300 lm	35 W
ST1.2	314mm x 579mm	4100 lm	41 W
A45, ST1	314mm x 579mm	6000 lm	60 W
ST1.2	314mm x 579mm	7500 lm	75 W
A45, ST1	314mm x 579mm	8800 lm	87 W

- Poletop assembly on poles with a 42mm and 76mm ø end
- CRI 70
- 3000K; 4000K
- Mac Adam ≤3
- Lifetime:
100.000 h L90 B10 Ta 40°C for versions up to 6000 lm
100.000 h L90 B10 Ta 25°C for versions up to 8800 lm
- The product can be programmed using a dedicated interface: midnight programming, programming for compatibility with flux regulators, light intensity programming
- Surge protection up to 10 kV
- Can be opened without tools
- Driver secured onto removable plate
- Grey finish
- DALI control (standard)
- IP67
- IK09
- Versions with On/Off disconnecting switch
- Versions with NEMA socket



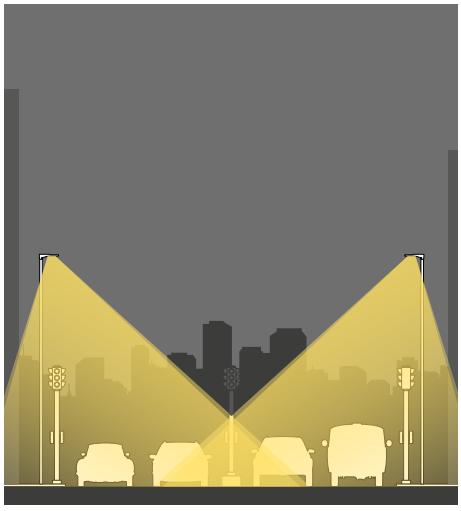
Opti Smart lenses modelled to create optimum geometries, for maximum flux

Street efficacy.
From the lens to the wiring.

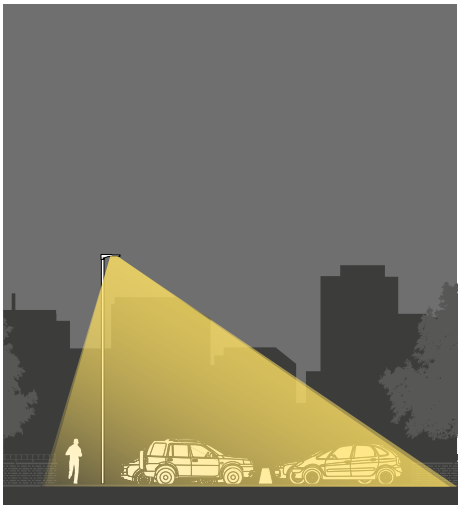
Efficiency is made up of a combination of elements. We developed Opti Smart lenses specifically for street lighting applications. We applied free-form technology to model the lens to design perfect light, with no defects. The distance between the lenses heat dissipation. PMMA construction allows for maximum light output. It is also non-yellowing. The lighting performance of the LEDs therefore remains constant over time. From the lens to the fixture, efficiency is multiplied. The glass cover ensures optimum light diffusion, complete protection of the optical system and low dust attraction, thus maintaining surface transparency. ST1, ST1.2 and A45: three different light distributions, street and asymmetric, to bring efficiency down to earth. Quid enhances the efficiency of the lens with efficient wiring.

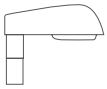
ST1
Street optic ideal for urban and suburban roads with vehicular traffic

ST1.2
Street optic ideal for urban and suburban roads with intense vehicular traffic



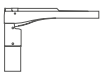
A45
Comfort optic ideal for areas like parks, carparks, pedestrian areas and cycle lanes





Sodium

For 50 luminaires	70W (83 W)
Energy consumption (per year)	18.052 kW/h
Re-lamping and/or cleaning	Cost of lamp + cleaning



Quid ST1

For 50 luminaires	35 W (al 100%)
Energy consumption (per year)	7.612 kW/h
Re-lamping and/or cleaning	Only external cleaning

-58%
Energy costs

-73%
Maintenance costs

2,5 years
Payback

Real luminaire efficacy
121 lm/W

Mac Adam
≤3

Responsive.
Ready for anything.

Each town is different, each street has its own needs. Quid responds to any requirement. The various electronic devices control the luminous flux according to the usability of urban areas. This allows the light to be adapted town rhythms with significant energy savings. From simple on-off control to Dali dimming, from automatic profiling to voltage-based flux regulation, and dual-operation: everything is possible. Quid is also open to tele-management. Safety and simplicity: the disconnection switch and opening clip are designed with the installation in mind. Quid amplifies integration with the town with light and movement sensors as well as wifi signal. Quid is both technologically versatile and energy conscious.

Smart Electronics

DALI device
For dialogue between the fixtures and a Smart Lighting system via Wireless or Power Line technology.

ON - OFF device
A simple solution for quickly improving the energy efficiency of small private areas.

Midnight device*
A standalone solution for automatic flux regulation without any additional components.

Dual-operation*
100% - 50% flux dimming

Voltage regulator*
Flux regulation based on input voltage

Dimming function*
Regulates the output flux to a set power

20 %
extra energy saving

Advanced Mechanical Engineering

Disconnection switch/terminal block
Ensures absolute safety in the event the product is opened

Telemanagement
Dedicated space provided inside the compartment

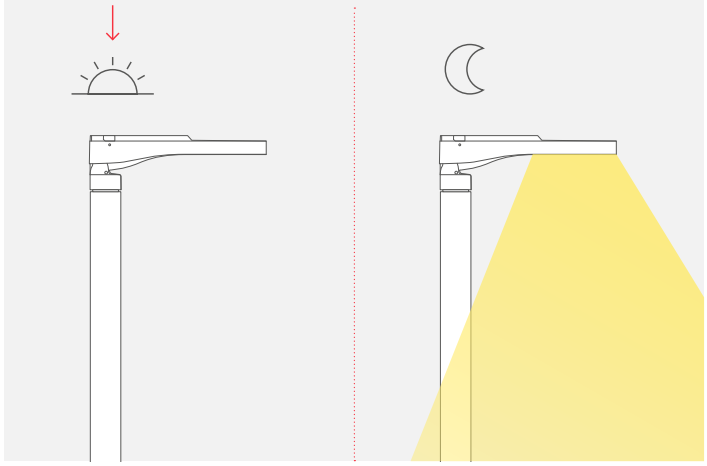
No Tools
Can be opened without tools

*function enabled with the DALI programming interface

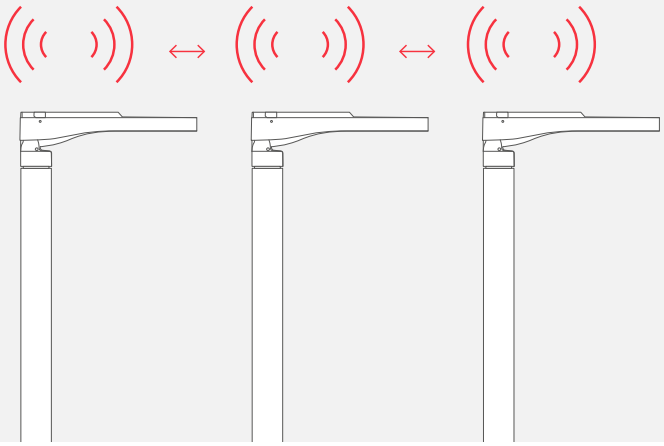
Quid is a light telegraph: it transforms urban information into light

Management sensors

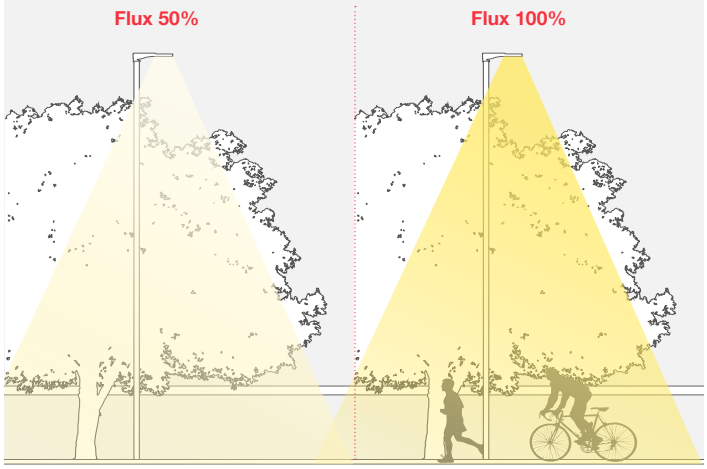
Twilight sensor
Photocell mounted on the head of the unit to turn it on and off depending on the ambient illumination. Installation with NEMA fitting.



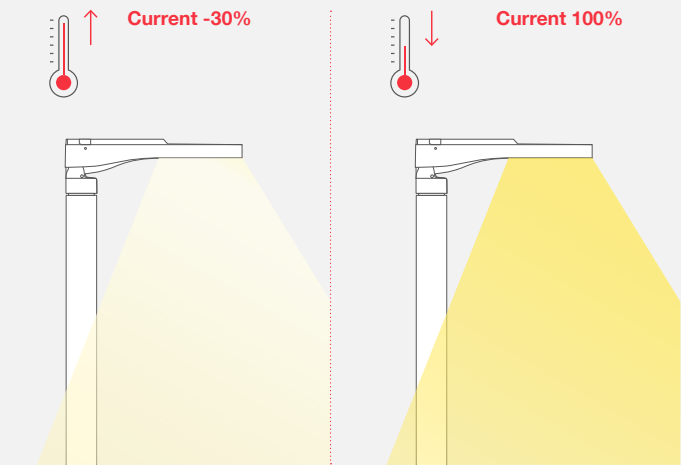
Wireless antenna
Wireless communications using the Wi-Max/ZigBee (…) protocol and conversion to DALI. Installation with NEMA fitting.



Movement detector
Automatically controls the lighting as a function of whether persons/vehicles are present or not, to assure comfort and safety, when the Midnight function is active.



Temperature detector
The current is adjusted in relation to the external temperature to protect the LED temperature.



IK09 and IP67maximum strength and reliability over time

Reliability.
Built for strength.

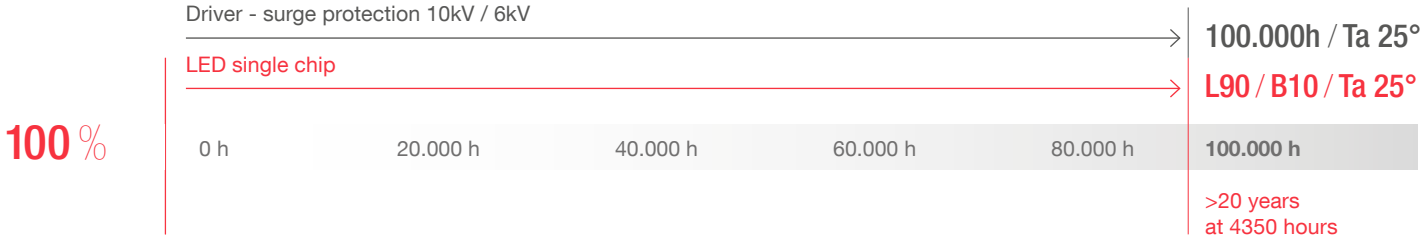
Strength is at the core of Quid. It's designed for reliability, and precise tests carried out in our laboratories have certified it. IP67 rating certifies the fixture is waterproof: it is resistant to dust and water penetration, which is fundamental to guaranteeing performance. It is indestructible, able to withstand an impact of 10J, making any attempts at vandalism useless. A careful coating process involving several phases is applied to the aluminium surface, protecting the fixture against even the most extreme corrosive conditions. The heat dissipation of the Opti Smart lenses is amplified by a system of fins on the structure securing the lens. This disperses heat from the inside to the outside of the fixture, accelerated by the aluminium structure. The LED performance is therefore maintained and the B10 rating certifies its reliability. Quid, built for strength.

Maximum strength
Pre-treatment in two stages: fluoro-zirconate coating and the deposit of nano-technological polymers.
Dual liquid coating

1 Liquid paint
2 Primer
3 Nano-technological polymer
4 Fluoro-zirconate coating
5 Aluminium

100.000 hours
L90 B10

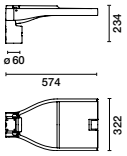
Useful life is a statistic indicating that after 100.000 h of operation the luminous flux is equal to or greater than 90% of the initial value (L90) in at least 90% of the LEDs (B10).



Old Jewry Street
London, United Kingdom
Photographic processing
Photo: Jo Burridge

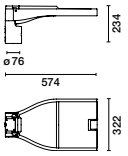
Quid

15
GREY



Light source	W	lm	optical	code	colour
LED	**DALI**				
	4000K - CRI 70 - **ST1 Optic**				
	35 W	3300		P534	15
	60 W	6000		P535	15
	87 W	8800		P536	15
	19 W	2300		*P702	15
	3000K - CRI 70 - **ST1 optic**				
	35 W	3030		P541	15
	60 W	5520		P542	15
	87 W	8100		P543	15
	19 W	2030		*P703	15
	4000K - CRI 70 - **ST1.2 optic**				
	41 W	4100		P537	15
	75 W	7500		P538	15
	3000K - CRI 70 - **ST1.2 optic**				
	41 W	3770		P544	15
	75 W	6900		P545	15
	4000K - CRI 70 - **A45 optic**				
	60 W	6000		P539	15
	87 W	8800		P540	15
	3000K - CRI 70 - **A45 optic**				
	60 W	5520		P546	15
	87 W	8100		P547	15
	Additional options: Middle of the Night, Bi-energy.				
	DALI with on/off disconnecting switch				
	4000K - CRI 70 - **ST1 optic**				
	35 W	3300		P562	15
	60 W	6000		P563	15
	87 W	8800		P564	15
	19 W	2300		*P706	15
	3000K - CRI 70 - **ST1 optic**				
	35 W	3030		P565	15
	60 W	5520		P566	15
	87 W	8100		P567	15
	19 W	2030		*P707	15
	DALI with NEMA socket				
	4000K - CRI 70 - **ST1 optic**				
	35 W	3300		P574	15
	60 W	6000		P575	15
	87 W	8800		P576	15
	3000K - CRI 70 - **ST1 optic**				
	35 W	3030		P577	15
	60 W	5520		P578	15
	87 W	8100		P579	15

* High efficiency versions



Light source	W	lm	optical	code	colour
	DALI				
	4000K - CRI 70 - **ST1 optic**				
	35 W	3300		P548	15
	60 W	6000		P549	15
	87 W	8800		P550	15
	19 W	2300		*P704	15
	3000K - CRI 70 - **ST1 optic**				
	35 W	3030		P555	15
	60 W	5520		P556	15
	87 W	8100		P557	15
	19 W	2030		*P705	15
	4000K - CRI 70 - **ST1.2 optic**				
	41 W	4100		P551	15
	75 W	7500		P552	15
	3000K - CRI 70 - **ST1.2 optic**				
	41 W	3770		P558	15
	75 W	6900		P559	15
	4000K - CRI 70 - **A45 optic**				
	60 W	6000		P553	15
	87 W	8800		P554	15
	3000K - CRI 70 - **A45 optic**				
	60 W	5520		P560	15
	87 W	8100		P561	15
	Additional options: Middle of the Night, Bi-energy.				
	DALI with on/off disconnecting switch				
	4000K - CRI 70 - **ST1 optic**				
	35 W	3300		P568	15
	60 W	6000		P569	15
	87 W	8800		P570	15
	19 W	2300		*P708	15
	3000K - CRI 70 - **ST1 optic**				
	35 W	3030		P571	15
	60 W	5520		P572	15
	87 W	8100		P573	15
	19 W	2030		*P709	15
	DALI with NEMA socket				
	4000K - CRI 70 - **ST1 optic**				
	35 W	3300		P580	15
	60 W	6000		P581	15
	87 W	8800		P582	15
	3000K - CRI 70 - **ST1 optic**				
	35 W	3030		P583	15
	60 W	5520		P584	15
	87 W	8100		P585	15

* High efficiency versions

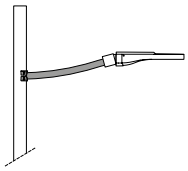
Accessories

	code	colour
Programming interface	BZK6	00

Technical data may change with technological evolution.
For updated data please refer to our on-line catalogue.

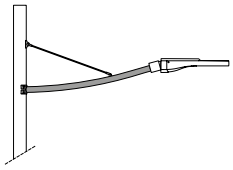
Installation with arms on cylindrical poles

	length	ø pole	code colour
single	900	102	**6154** 15
	900	120	**6157** 15



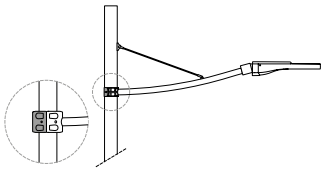
The counter flange must be ordered, to secure the arm to the pole

single with tie rod	1500	102	**6155** 15
	1500	120	**6158** 15



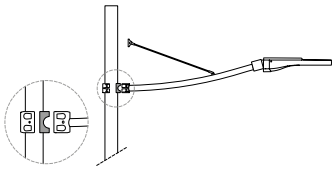
The counter flange must be ordered, to secure the arm to the pole

counter flange		102	**6161** 15
		120	**6162** 15



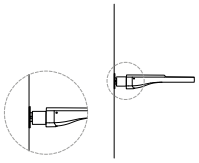
To be ordered to secure the single arm to the pole. Not required when installing two opposite arms

adapter for flange		89 (102)	**6163** 15
		114 (120)	**6164** 15



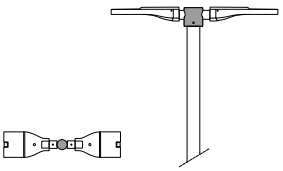
For installing arm on poles with a diameter of ø 89 - ø 114.

wall attachment **6160** 15

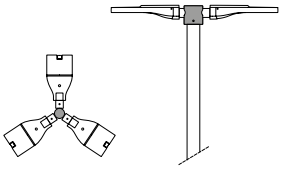


Pole-top installation

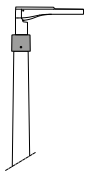
	ø pole attachment	code colour
double	102	**6165** 15



triple	102	**6166** 15

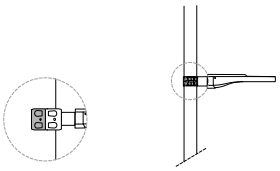


adapter for pole	from 102 to 76	**6134** 15

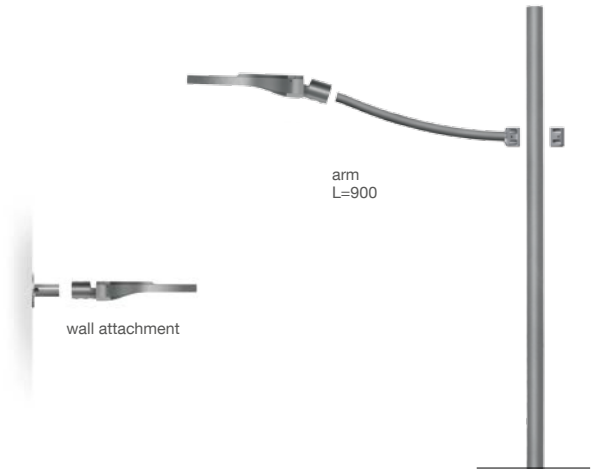


Intermediate installation

	length	ø pole	code colour
intermediate attachment	300	102	**6156** 15
	300	120	**6159** 15



All arms in all sizes can be installed by a special flange in single or double composition.



The Quid optical assembly can be installed on pole-top position in poles with ø 60 to ø 76 mm. Adapter for installation available for poles with ø 102 mm.

Quid

Cylindrical poles for pole-top installation of 3 optical assemblies or for arms

	h off-ground	ø pole	code	colour
buried	6000	102	**1542**	15
	7000	102	**1543**	15
	8000	127/102	**1544**	15
	9000	194/120	**1545**	15
	10000	194/120	**1546**	15
	12000	194/120	**1552**	15
with plate	6000	159/102	**1597**	15
	7000	159/102	**1598**	15
	8000	159/102	**1599**	15
	9000	194/120	**1547**	15
	10000	194/120	**1548**	15
	12000	194/120	**1554**	15

Cylindrical poles for pole-top installation of 1/2 optical assemblies

	h off-ground	ø pole	ø shank	code	colour
buried	5000	102		**1205**	15
	6000	102	76	**1518**	15
	7000	120	102	**1519**	15
	8000	120	102	**1520**	15
with plate	5000	102		**1344**	15
	6000	120	102	**1521**	15
	7000	120	102	**1522**	15
	8000	120	102	**1523**	15

Cylindrical poles for pole-top installation of 1 optical assembly

	h off-ground	ø pole	ø shank	code	colour
buried	2500	60		**E062**	15
	3500	60		**E063**	15
	7000	76	60	**E064**	15

Conical poles for pole-top installation of 1 optical assembly

	h off-ground	ø pole	code	colour
buried	4000	106-60	**1275**	15
	7000	138-60	**1281**	15
	9000	158-60	**1282**	15
with plate	4000	100-60	**1278**	15
	7000	130-60	**1283**	15
	9000	150-60	**1284**	15

Shaped poles

	h off-ground	ø pole	ø lateral attachment	code	colour
buried	with single arm				
	6700	160	76	**1511**	74
	8700	160	76	**1515**	74
	with double arm				
	6700	160	76	**1585**	74
	8700	160	76	**1588**	74
with plate	with single arm				
	6700	160	76	**1566**	74
	8700	160	76	**1570**	74
	with double arm				
	6700	160	76	**1909**	74
	8700	160	76	**1910**	74
	curved conical				
	6000	160	60	**1506**	74
	6000	160	60	***1508**	74
	8000	160	60	***1507**	74
	8000	160	60	**1509**	74

* Versions with intermediate attachment

Accessory for curved conical poles

		code	colour
decorative point with LED	LED Blue	**BZC5**	15
	LED Neutral White	**BZC6**	15

The technical specifications of the poles are presented on page 457 Product Book.
Fixing plate with anchor bolts to be ordered separately (page 465 Product Book).

Conditions of sale

General terms and conditions

iGuzzini reserves the right to eliminate any of its products from the range at any time and with no prior notice. While maintaining the essential features of the described models, iGuzzini will have the right to make technical and photometric changes, in addition to modifying parts, details or finishes as it may be considered necessary for improvement purposes or for manufacturing and commercial needs. The goods travel at the customer's own risk, including when sold on a free delivered basis. All export operations of the purchased goods must be previously authorized in writing by iGuzzini. The pole + product compositions shown on the catalogue only have an illustrative purpose, especially with reference to the wind thrust stability that must be calculated and adjusted from time to time according to the local conditions, always in compliance with the regulations in force. For information on installation reference must be exclusively made to the conditions described in the instructions sheet contained in the product packaging and/or available at www.iguzzini.com. The data and information contained in this catalogue has an indicative, not binding value. iGuzzini reserves the right to cancel, modify and/or change the data and information contained herein according to the technical and/or technological and/or normative evolution. In any case iGuzzini will do its best to make sure that the data and information contained herein is correct and updated upon the date on which the catalogue is printed, being released from any responsibility when, in spite of the checks made, inaccuracies and/or errors occur because of changes in the standards and/or technology, use of software other than the one used by iGuzzini

For information and updates on the compatibility of the light sources available for the luminaires illustrated in this document, please refer to the instructions sheets available in the download area of the e-catalogue at www.iguzzini.com

These terms and conditions are valid as of 01.01.2016

Safety marks

Specific standards have been set by public bodies in order to guarantee functionality and safety and protect the final user from risks. In pursuing a policy of quality and safety iGuzzini illuminazione manufactures its products in compliance with such standards. Not being comparable to lighting fixtures, the non-electrified components of the systems (covers, joints, etc.) do not fall within the standard on which the certification of the Quality Mark Institutes is based. However, compatibility and safety of use is checked by the certification bodies for all components of our certified systems. The luminaires in the iGuzzini range are designed in compliance with the EN 60598-1 European standards and particular requirements, among them the maximum permitted temperatures at 25°C ambient temperature. Please contact the company for countries or applications with thermal or microclimatic conditions different from the standard ones (i.e. swimming pools, risk of explosion, etc....). For a correct installation of the luminaires always refer to the instructions sheet provided with the product.

Guarantee

iGuzzini guarantees that its products are free from manufacturing and/or material defects, for normal intended use, for a period of five years from the date of the invoice, subject to online registration at www.iguzzini.com and acceptance of specific conditions. In any case iGuzzini will recognise customer's statutory rights.

Information

For inquiries, notifications or assistance needs please contact the reference company according to the geographical area as shown at www.iguzzini.com.

Notes

For the ENEC mark of each product code please refer to the products.iguzzini.it download area of the online catalogue.

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