HESTIA LED
LED
Schréder

HESTIA LED

CHARACTERISTICS – LUMINAIRE

Optical compartment tightness level:	IP 65 (*)
Impact resistance (glass):	IK 08 (**)
Nominal voltage:	120V-277V, 50/60Hz
Electrical class:	1-US and I-EU
Vibration level:	1.5G(***)(14.67 m/s²)
Installation height	13-26ft / 4-8m
Certifications:	

ANSI/UL 1598 / CAN/CSA C22.2 No. 250.0-08, 3rd Ed.
UL 8750, 1st Ed. REV10/17/2012, CAN/CSA-22.2 No. 250.13-12

(*) according to IEC - EN 60598
(**) according to IEC - EN 62262
(***)according to ANSI C136.31-2010

APPLICATIONS

- Urban streets and roads
- Squares and pedestrians areas
- Boulevards and avenues
- Bridges

KEY ADVANTAGES

- A classical shape luminaire with the advantages of LED technology
- Low energy consumption
- LensoFlex®2 photometric engine with photometry adapted to various applications
- Robust materials
- Surge protection 10kV
- Designed to incorporate Schréder range of control solutions

ELEGANT SOLUTION WITH CUTTING-EDGE LED TECHNOLOGY

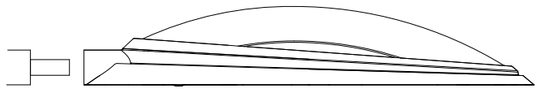
The Hestia LED has been designed by Elizabeth de Portzamparc to create a fluid, light and elegant LED luminaire.

Hestia LED offers an economical lighting solution based on state-of-the-art LED technology. This luminaire is available with two different power versions both characterised by low energy consumption for high-quality photometric performance: 48 or 64 LEDs with a driving current of 350 or 500 mA.

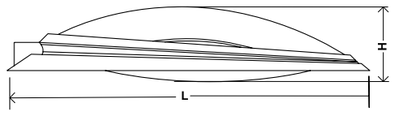
Color: grey AKZO 900 sanded
Any other RAL or AKZO color upon request

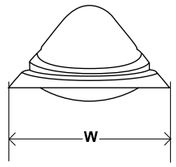
DIMENSIONS - MOUNTING

The Hestia LED luminaire offers slip-over mounting onto any bracket with a 1.34” diameter spigot 3.35” long (34mm diameter spigot of length 85mm). The unit is secured by tightening 2x M8 screws. For flush mounting of the Hestia, the main bracket arm should be 2.36”/ 60mm outside diameter.



Ø 1.34” - Length 3.35”





(in/mm)	Hestia LED
L	36.38”/924
H	6.69”/170
W	12.75”/324

HESTIA LED LED LIGHTING

CLASSICAL SHAPE, MODERN FEATURES

The Hestia LED luminaire combines the significant advantages of this technology: low power consumption, a perfect control of light distribution, a long-lasting performance and a wide range of possibilities in terms of integrated intelligence.

LENSOFLEX®2

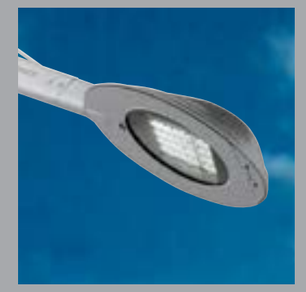
The Hestia LED luminaire is equipped with second generation LensoFlex® 2 photometric engines that have been specifically developed for lighting spaces where the well-being and safety of people using the environments are essential. This system is based upon the addition principle of photometric distribution. Each LED is associated with a specific lens that generates the complete photometric distribution of the luminaire. It is the number of LEDs in combination with the driving current that determines the intensity level of the light distribution.

ENERGY SAVINGS OF UP TO 75%

The Hestia LED luminaire integrates the latest cutting edge solutions. The combination of LED technology, a driver working within a constant flux system and a dimming system makes it possible to achieve energy savings that can reach 75% compared with luminaires equipped with traditional light sources.
With this very favourable energy balance, the Hestia LED luminaire contributes to the effective management of public finances and to the responsible use of energy.

DURABLE AND RECYCLABLE MATERIALS

The Hestia LED luminaire is composed of durable and recyclable materials. The painted die-cast aluminium body is attached to a flat tempered glass protector.



HESTIA LED

PHOTOMETRY

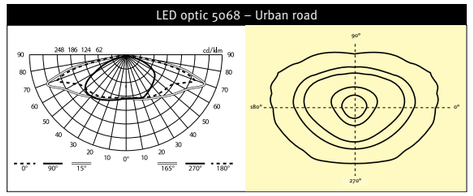
HESTIA LED				Lifetime residual flux @ t_q 25°C (**)
Number of LEDs	Neutral white (4250K)	48 LEDs	64 LEDs	@100.000h
Current: 350mA	Nominal flux (lm)*	5650	7000	90%
	Power consumption (W)	56	69	
Current: 500mA	Nominal flux (lm)*	6450	-	
	Power consumption (W)	76	-	

(*) The nominal flux is an indicative LED flux @ t_j 25°C based on LED manufacturer's data. The real flux output of the luminaire depends on environmental conditions (e.g. temperature and pollution) and the optical efficiency of luminaire.
Nominal flux depends on the type of LED in use and likely to change in accordance with the continuous and rapid developments in LED technology.
To follow the progress of the luminous efficiency of the LEDs used, please visit our website.
(**) In accordance with LM-80 - TM-21

LIGHT DISTRIBUTIONS

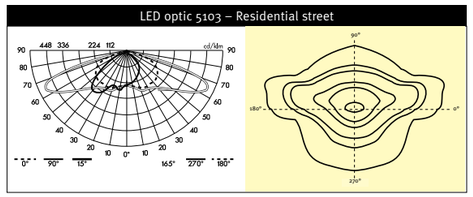
APPLICATIONS

LED optic 5068 – Urban road



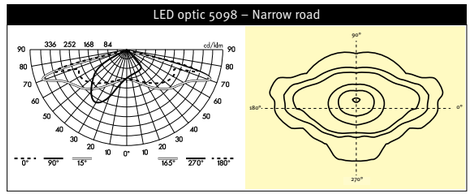
- Optic LensoFlex®2 "Urban road" 5068
- For M3 classification according to CIE 115
- SR › 50% included

LED optic 5103 – Residential street



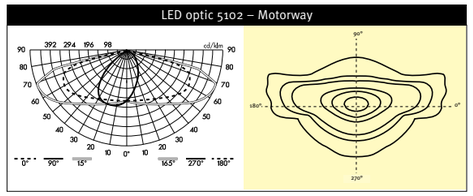
- Optic LensoFlex®2 "Residential street" 5103
- For M4 classification according to CIE 115
- SR › 50% included

LED optic 5098 – Narrow road



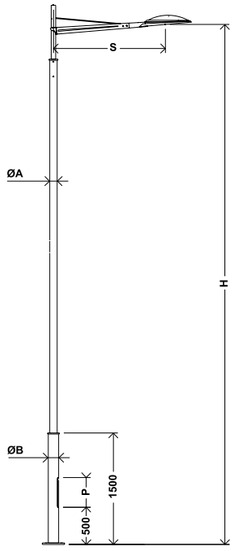
- Optic LensoFlex®2 "Narrow road" 5098
- For S classification according to CIE 115

LED optic 5102 – Motorway

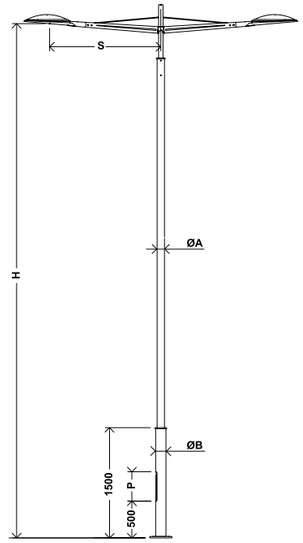


- Optic LensoFlex®2 "Motorway" 5102
- For M3 classification according to CIE 115

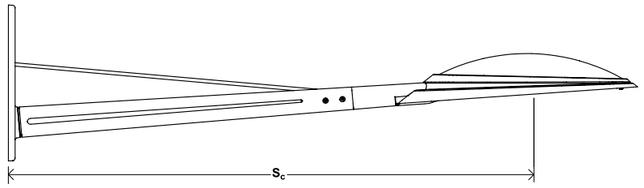
POLE WITH SINGLE BRACKET



POLE WITH DOUBLE BRACKET



WALL BRACKET



ELEGANT ENSEMBLE FOR EFFICIENT LIGHTING IN URBAN ENVIRONMENTS

Designed by Elizabeth de Portzamparc, the Condor ensemble is associated with the Hestia LED luminaire characterised by its LensoFlex®2 photometric engine.
The Condor ensemble is available with either a single bracket, double bracket or a wall bracket. This configuration is also a good solution for lighting urban streets and pedestrian zones.
The lighting column is designed for a height of between 4 and 8 metres.
The Condor is comprised of a cylindrical lighting column made of galvanised and thermo-coated steel (with or without a reduced diameter at the top end, depending on the model) on wich is mounted a bracket with an aluminium tie rod.

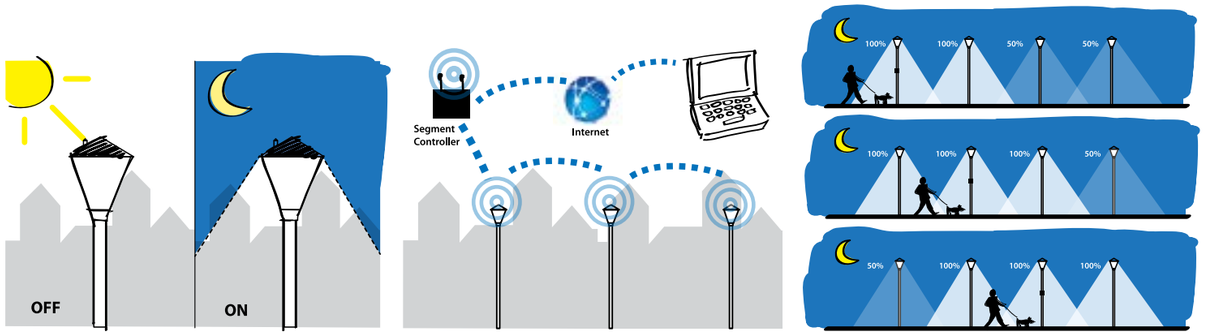
Option: cylindrical-conical lighting column
Colour: AKZO grey 900 sanded
Other colours on request
Other configurations and lighting column heights are available.

	S	S_c	Ø A	Ø B	H	P
Hestia LED	64.76"	64.96"	3.94"	5.51"	196.85" › 314.961"	19.68" x 3.54"

HESTIA LED LED LIGHTING

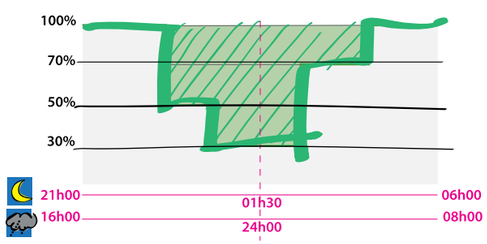
SMART SOLUTIONS TO MAXIMISE SAVINGS

With Schréder's wide range of control solutions, your lighting scheme becomes intelligent. Our system approach allows you to use light in the smartest way, with the right level, in the right place and at the right moment.
You save energy, lengthen the life of your lighting installation, reduce maintenance costs, enhance comfort and increase safety. Our range of solutions encompasses small areas to complete city networks in order to perfectly suit your requests and your targets in terms of savings.
The Hestia LED luminaire can operate with a photocell, a scheduled dimming system, a Constant Light Output (CLO) or a complete remote Owlet management system. It can also be equipped with a motion detection unit.



FLEXIBLE SCHEDULED DIMMING

With intelligent ballasts incorporated in the Hestia LED luminaire, we can help you to choose your own optimum dimming system.
The multi-level dimming programme ensures that you can adapt the lighting level to the needs of the place and the time. Intelligent ballasts work autonomously by taking switch-on and switch-off times as reference points. This means that the system will adapt itself all through the year according to the seasons and the sunset/sunrise.



Solutions

Well-being

Safety

Sustainability

Schréder

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