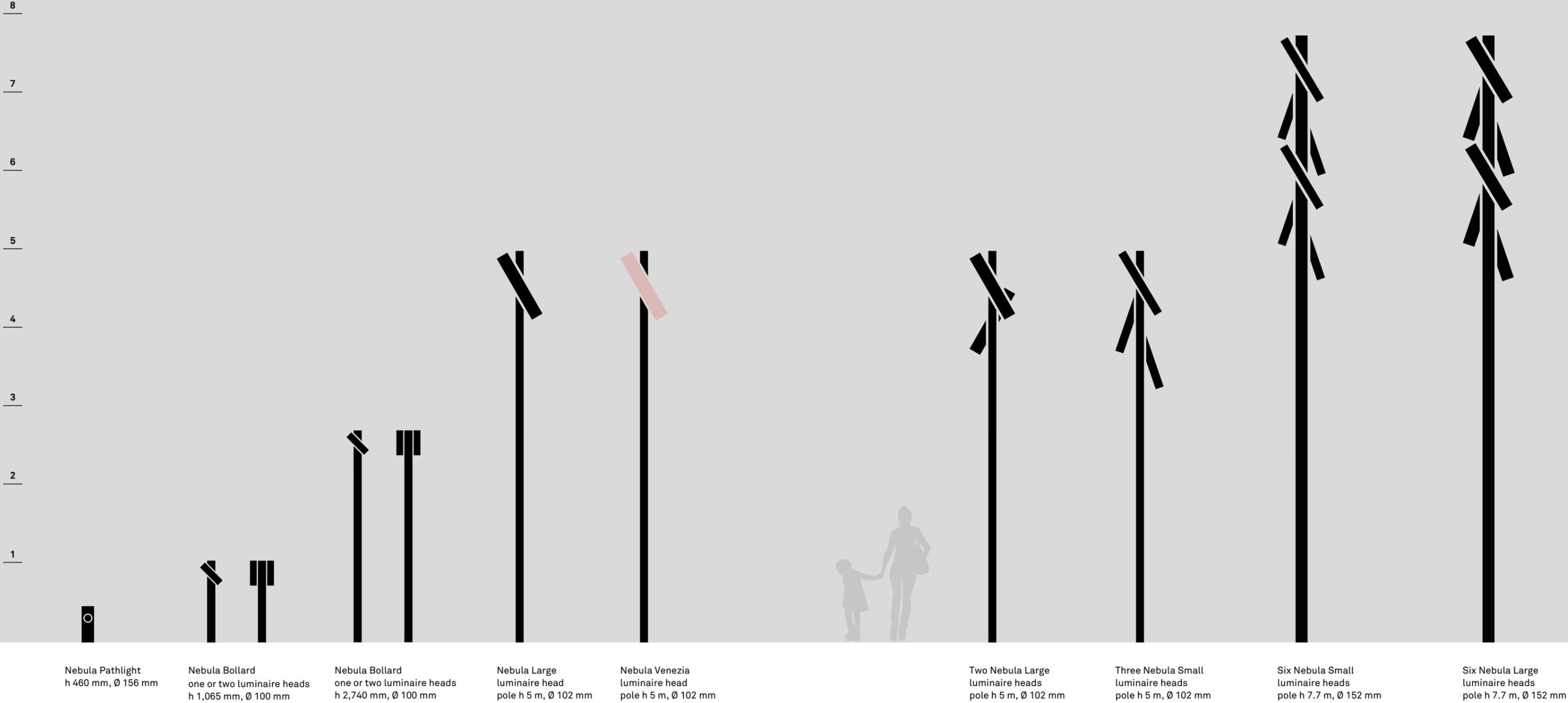


Nebula is the new Neri urban lighting collection designed in collaboration with American architects, Skidmore, Owings & Merrill (SOM). The collection is composed of a lighting system, illuminating bollard and pathlight.



NEBULA COLLECTION

The collection is composed of pathlight, illuminating bollard and a lighting system. The latter features three luminaire head types and two poles of four different heights: 5, 5.9, 6.8 and 7.7 metres.



NEBULA ACCESSORIES

Nebula lighting system has been designed to integrate accessories like glare shield, banner holders, planters, NEMA socket, Zhaga Book, motion sensors, photocell, CCTV camera and loudspeaker.

8

7

6

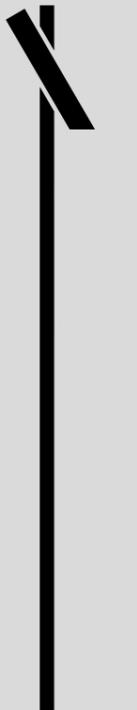
5

4

3

2

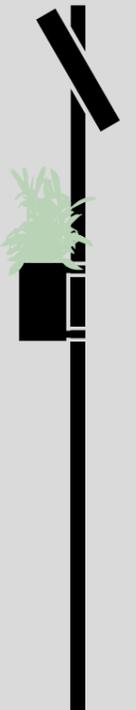
1



Nebula Large luminaire head with glare shield



Nebula Large luminaire head banner holder



Nebula Large luminaire head planter



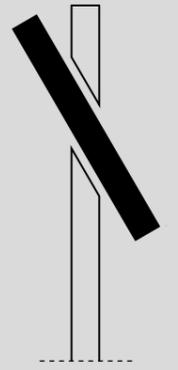
Nebula lighting system provides powerful flexibility for achieving ambitious and efficient lighting plans. Designed to elegantly complement any public space, it blends seamlessly with contemporary as well as historical surroundings.

CONFIGURING THE SYSTEM STEP BY STEP

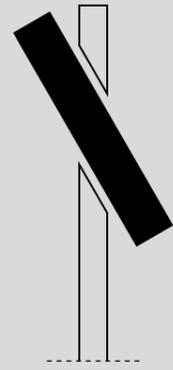
Planning with Nebula modular system is easy. Follow our step by step guide to achieve your desired configuration.

1. Luminaire head types

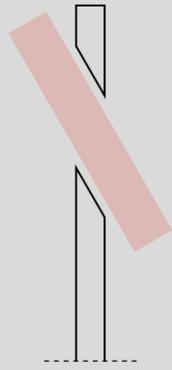
Select luminaire size and decide how many you need for your scheme. Three luminaire head types are available: Nebula Small (S), Nebula Large (L) and Nebula Venezia (V).



Nebula Small luminaire head
h 900 mm, Ø 105 mm
see page 16

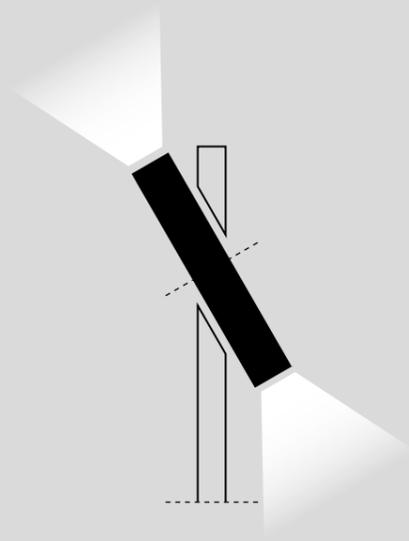


Nebula Large luminaire head
h 900 mm, Ø 155 mm
see page 17



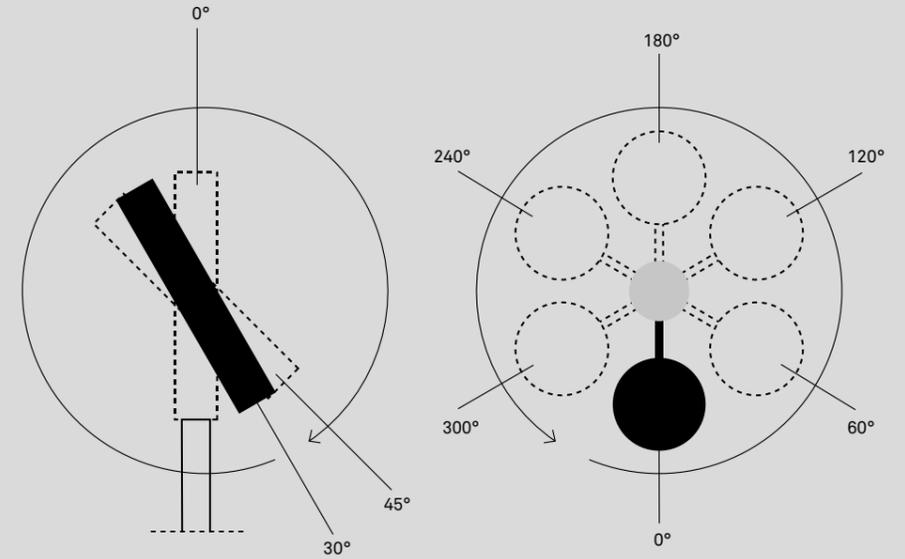
Nebula Venezia luminaire head
h 900 mm, Ø 155 mm
see page 18

Nebula luminaire heads are composed of two light sources. They can be controlled together or separately. Symmetric and asymmetric distributions as well as beam angles from very narrow (10°) to wide (80°), colour temperatures from 2,700K to 4,000K, including Amber and RGBW, are only some of the options to choose from to configure.



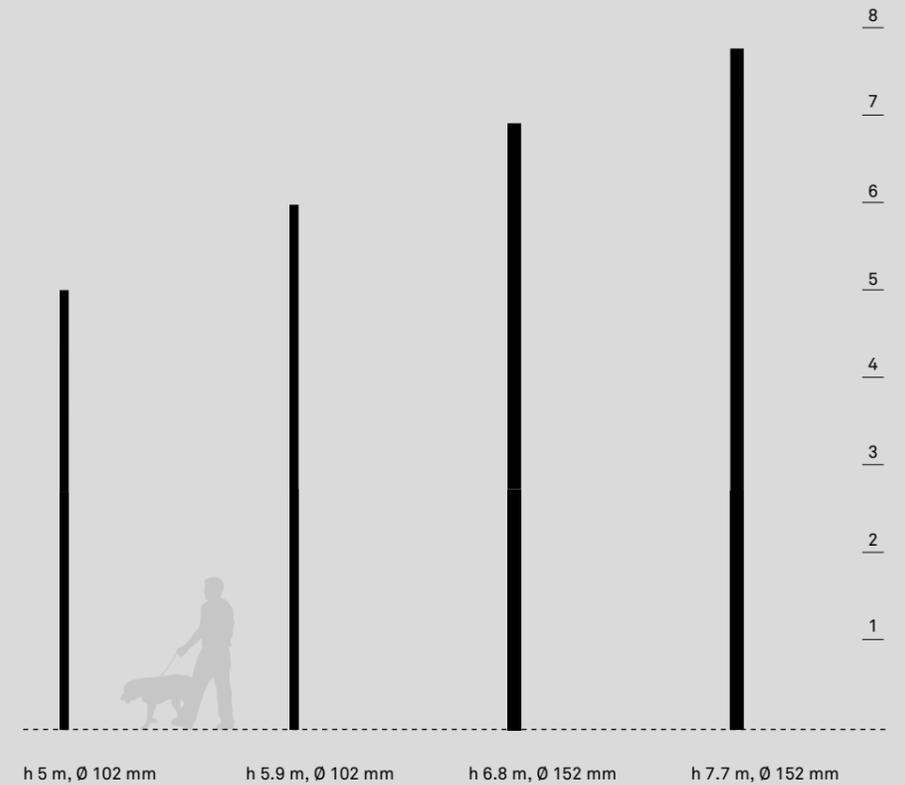
2. Arrangement

Nebula system luminaire heads can tilt (0°, 30°, 45° or any other angle) and revolve (0° - 120°). Select your preferred tilt and revolving angles.



3. Pole height and diameter

Choose between four standard pole heights and two pole diameters.

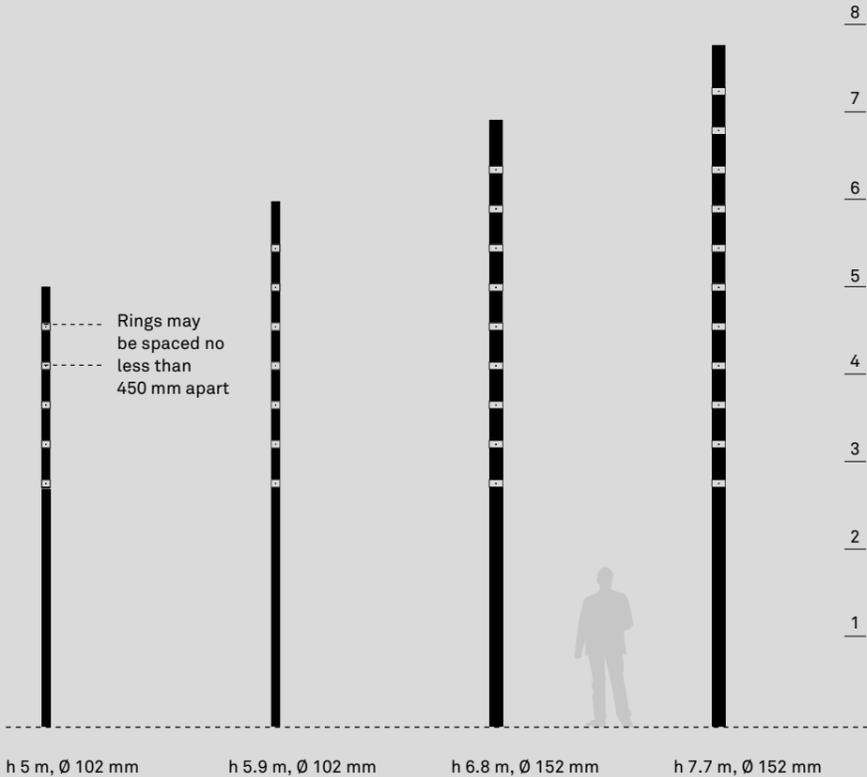


**CONFIGURING THE SYSTEM
STEP BY STEP**

4. Rings

Different heights can accommodate a different number of rings. Rings are the mounting devices designed to hold luminaires or accessories part of the system.

The diagram on the right shows the maximum number of rings per pole. Each ring can accommodate one or two luminaire heads or accessories. Choose the required rings on the specified height and choose type of luminaire head or accessory.

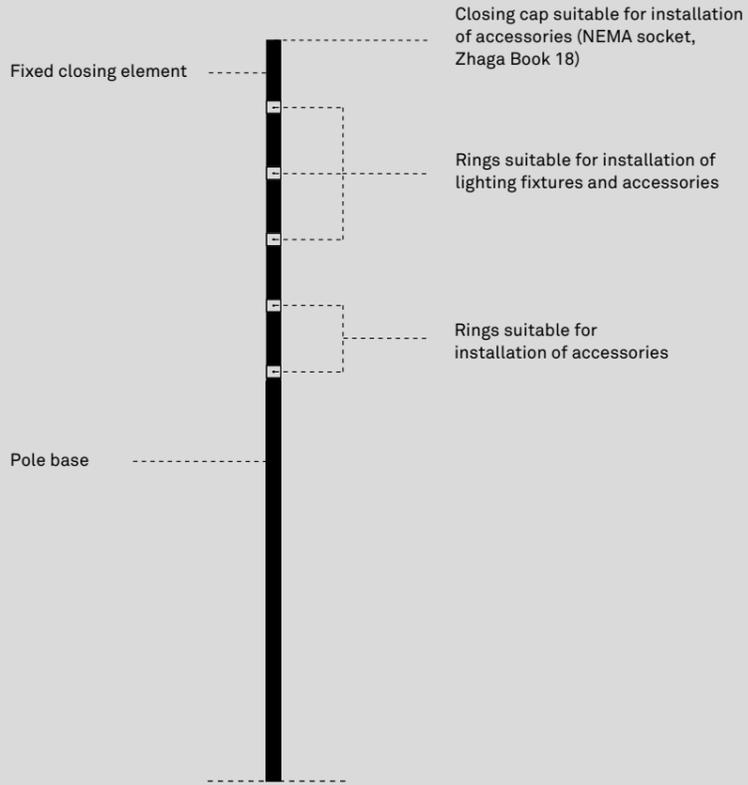


5. Colour

Standard colour for the system is Neri grey. Other colours available are: pure white, white aluminium, grey aluminium, jet black, moss green.



When positioning luminaire heads and accessories on the pole, the lowest 2 rings may be used only for accessories. The rings above these may be used for luminaire heads or accessories.



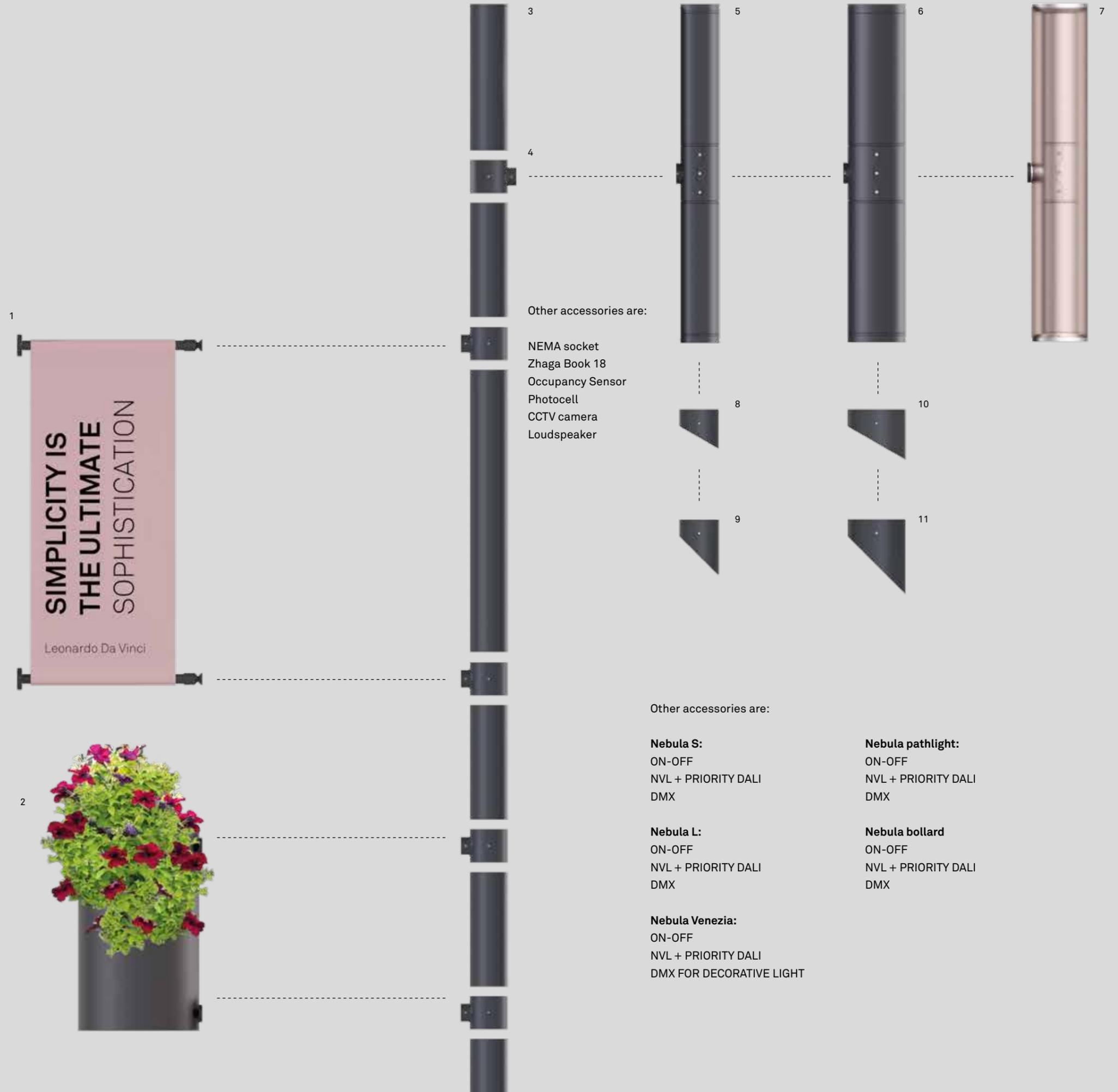
Main features Nebula collection

- Optical package consists of:
 - Nebula S: 8 geometries
 - Nebula L: 7 geometries
 - Nebula Venezia: 8 geometries
 - Nebula pathlight: 2 geometries
 - Nebula bollard: 8 geometries
- Luminous flux for each light source:
 - Nebula S : from 350lm to 2500lm
 - Nebula L: from 700lm to 6000lm
 - Nebula Venezia: from 1000lm to 2500lm
 - Nebula pathlight: from 100lm to 1000lm
 - Nebula bollard: from 350lm to 2500lm
- Electrical insulation: class II, class I (on demand)
- Enclosure protection: IP66, IK08
- Colour temperature: 2700K, 3000K, 4000K, RGBW, Amber
- Transparent or prismatic glass screen
- Standard surge protection for differential (DM) and common mode (CM) 10kV/10kV (CL I, CL II).



NEBULA LIGHTING SYSTEM

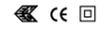
With three luminaire heads rotating and tilting, four poles different in height and diameter, multiple distributions, numerous lumen packages, colour temperatures, controls and finishes to choose from, Nebula lighting system's modularity and sophisticated look unleashes creativity while providing high performance for a wide range of applications.



- 1 - banner holder
- 2 - planter
- 3 - pole h 5.9 m
- 4 - ring
- 5 - Nebula S
- 6 - Nebula L
- 7 - Nebula V
- 8 - glare shield small 30°
- 9 - glare shield small 45°
- 10 - glare shield large 30°
- 11 - glare shield large 45°

NEBULA S

MAIN TECHNICAL DATA



SUPPLY VOLTAGE

220-240V, 50/60Hz Frequency

SURGE PROTECTION

10kV/10kV

INTEGRAL POWER SUPPLY

Electronic power supply with protection against short circuits, overheating and power surges

POWER FACTOR CORRECTION

PFC > cos φ 0.9

ELECTRICAL INSULATION

Class II, Class I (on demand)

ENCLOSURE PROTECTION

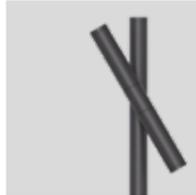
Water and dust IP66
Mechanical impacts IK08

COLOUR RENDERING INDEX:

> 80

-

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SCREEN SHAPE

PRISMATIC FLAT GLASS

TRANSPARENT FLAT GLASS

OPTIC SYSTEM	BEAM ANGLE
TYPE I	
TYPE II	
TYPE IV	
TYPE V	
VERY NARROW SPOT	15°
NARROW SPOT	25°
MEDIUM NARROW SPOT	30°
	35°
MEDIUM FLOOD	60°
MEDIUM WIDE FLOOD	70°
	80°

COLOUR TEMPERATURE

2700K

3000K

4000K

RGBW

AMBER

FLUX SIZE OPTIONS

350lm*

390lm**

PR	ST
1000lm	1000lm
1500lm	1500lm
2500lm	

DRIVER FUNCTIONS

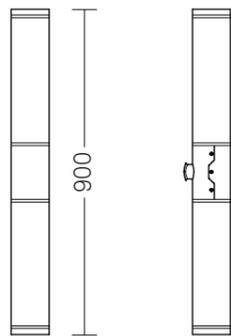
ON-OFF

NVL + PRIORITY DALI

DMX

* Only available for AMBER

** Only available for RGBW



NEBULA L

MAIN TECHNICAL DATA



SUPPLY VOLTAGE

220-240V, 50/60Hz Frequency

SURGE PROTECTION

10kV/10kV

INTEGRAL POWER SUPPLY

Electronic power supply with protection against short circuits, overheating and power surges

POWER FACTOR CORRECTION

PFC > cos φ 0.9

ELECTRICAL INSULATION

Class II, Class I (on demand)

ENCLOSURE PROTECTION

Water and dust IP66
Mechanical impacts IK08

COLOUR RENDERING INDEX:

> 80

-

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SCREEN SHAPE

PRISMATIC FLAT GLASS

TRANSPARENT FLAT GLASS

OPTIC SYSTEM	BEAM ANGLE
TYPE II	
TYPE IV	
TYPE V	
VERY NARROW SPOT	10°
	15°
NARROW SPOT	20°
	25°
MEDIUM NARROW SPOT	35°
MEDIUM WIDE FLOOD	70°

COLOUR TEMPERATURE

2700K

3000K

4000K

RGBW

AMBER

FLUX SIZE OPTIONS

700lm*

750lm**

PR	ST
2500lm	2500lm
3500lm	3500lm
4500lm	4500lm
6000lm	5500lm

DRIVER FUNCTIONS

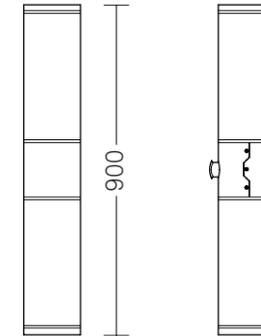
ON-OFF

NVL + PRIORITY DALI

DMX

* Only available for AMBER

** Only available for RGBW



NEBULA V

MAIN TECHNICAL DATA

CE 

SUPPLY VOLTAGE

220-240V, 50/60Hz Frequency

SURGE PROTECTION

10kV/10kV

INTEGRAL POWER SUPPLY

Electronic power supply with protection against short circuits, overheating and power surges

POWER FACTOR CORRECTION

PFC > cos φ 0.9

ELECTRICAL INSULATION

Class II, Class I (on demand)

ENCLOSURE PROTECTION

Water and dust IP66
Mechanical impacts IK08

COLOUR RENDERING INDEX:

> 80

–

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SCREEN SHAPE

PRISMATIC FLAT GLASS

TRANSPARENT FLAT GLASS

OPTIC SYSTEM

BEAM ANGLE

DECORATIVE LIGHT

TYPE II

TYPE V

MEDIUM NARROW SPOT

30°

MEDIUM FLOOD

60°

MEDIUM WIDE FLOOD

70°

80°

COLOUR TEMPERATURE

2700K

3000K

4000K

RGBA FOR DECORATIVE LIGHT

FLUX SIZE OPTIONS

PR

ST

1000lm

1000lm

1500lm

1500lm

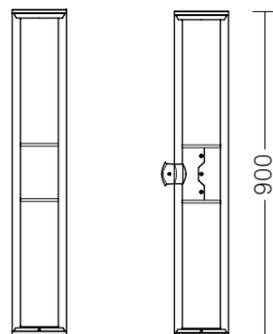
2500lm

DRIVER FUNCTIONS

ON-OFF

NVL + PRIORITY DALI

DMX FOR DECORATIVE LIGHT

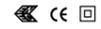


|155|



NEBULA PATHLIGHT

MAIN TECHNICAL DATA



SUPPLY VOLTAGE

220-240V, 50/60Hz Frequency

SURGE PROTECTION

10kV/10kV

INTEGRAL POWER SUPPLY

Electronic power supply with protection against short circuits, overheating and power surges

POWER FACTOR CORRECTION

PFC > cos φ 0.9

ELECTRICAL INSULATION

Class II, Class I (on demand)

ENCLOSURE PROTECTION

Water and dust IP66
Mechanical impacts IK08

COLOUR RENDERING INDEX:

> 80

-

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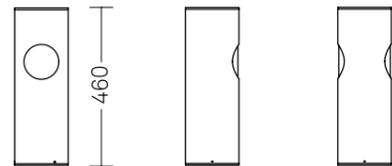
OPTIC SYSTEM	BEAM ANGLE
MEDIUM WIDE FLOOD	65°

COLOUR TEMPERATURE
2700K
3000K
4000K
RGBW

FLUX SIZE OPTIONS
100lm - RGBW*
200lm - RGBW**
500lm*
1000lm**

DRIVER FUNCTIONS
ON-OFF
NVL + PRIORITY DALI
DMX

* One light source
** Two light sources



NEBULA BOLLARD

MAIN TECHNICAL DATA



SUPPLY VOLTAGE

220-240V, 50/60Hz Frequency

SURGE PROTECTION

10kV/10kV

INTEGRAL POWER SUPPLY

Electronic power supply with protection against short circuits, overheating and power surges

POWER FACTOR CORRECTION

PFC > cos φ 0.9

ELECTRICAL INSULATION

Class II, Class I (on demand)

ENCLOSURE PROTECTION

Water and dust IP66
Mechanical impacts IK08

COLOUR RENDERING INDEX:

> 80

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SCREEN SHAPE
PRISMATIC FLAT GLASS
TRANSPARENT FLAT GLASS

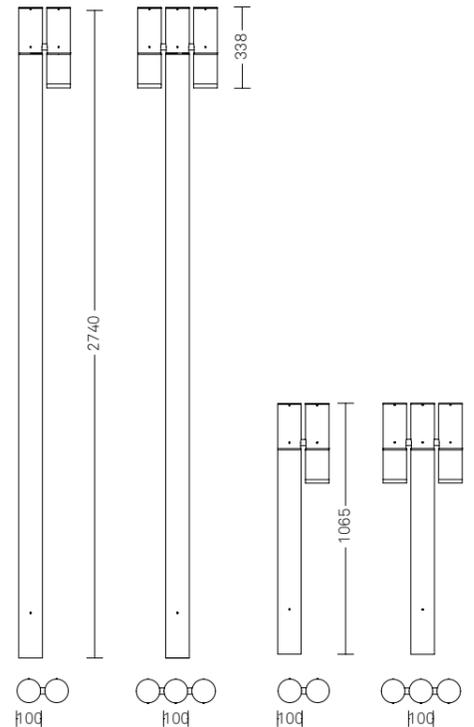
OPTIC SYSTEM	BEAM ANGLE
TYPE I	
TYPE II	
TYPE IV	
TYPE V	
VERY NARROW SPOT	15°
NARROW SPOT	25°
MEDIUM NARROW SPOT	30°
	35°
MEDIUM FLOOD	60°
MEDIUM WIDE FLOOD	70°
	80°

COLOUR TEMPERATURE
2700K
3000K
4000K
RGBW
AMBER

FLUX SIZE OPTIONS	
350lm*	
500lm**	
PR	ST
1500lm	1000lm
2500lm	1500lm

DRIVER FUNCTIONS
ON-OFF
NVL + PRIORITY DALI
DMX

* Only available for AMBER
** Only available for RGBW





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