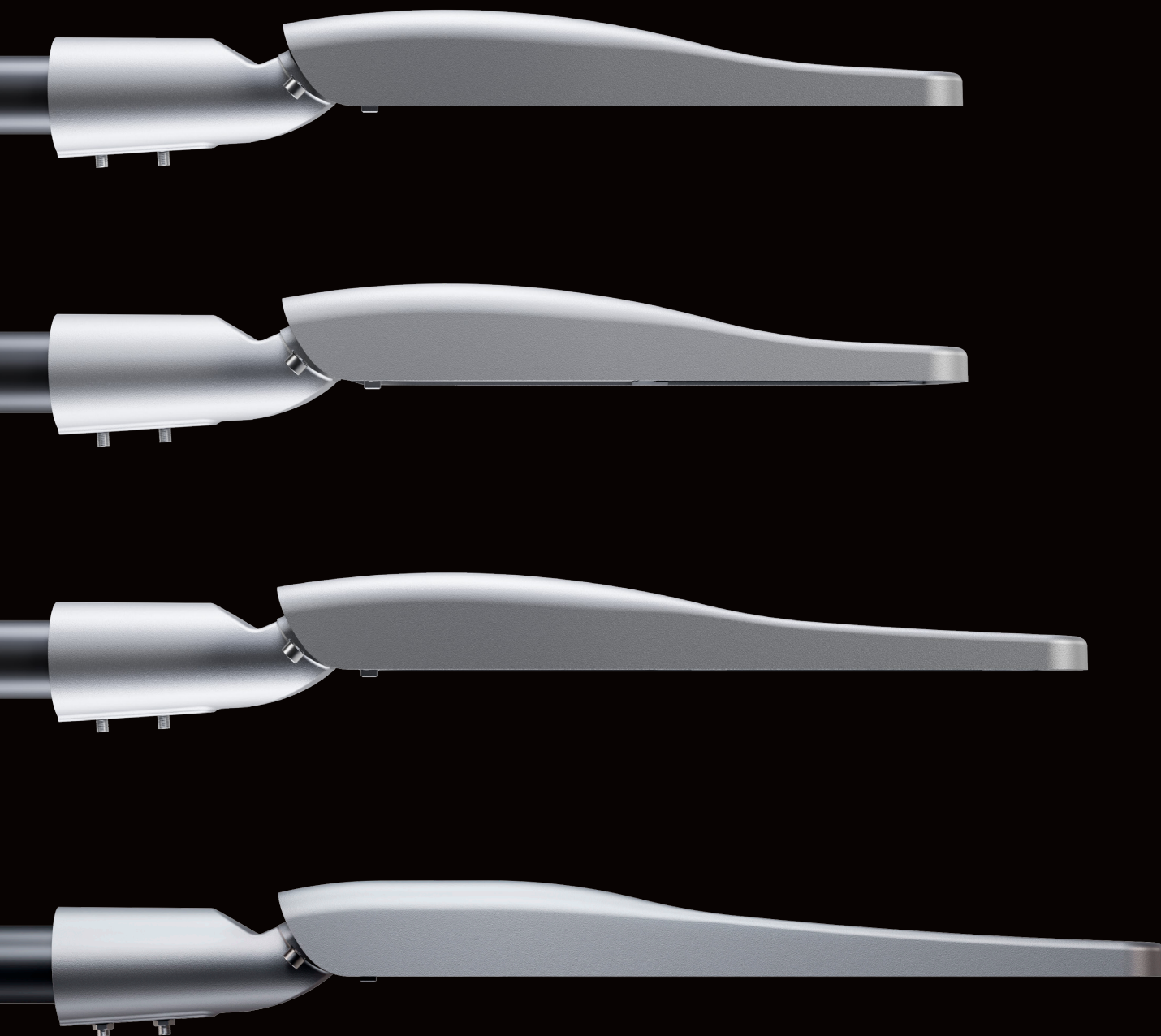


NOX

STREET LIGHTING LUMINAIRE



The future of
professional road lighting.

THREELINE 

NOX

The **future** of professional road lighting.

At **Threeline Group**, we introduce **NOX**, the new generation of road lighting luminaires designed to transform efficiency, safety and the management of urban lighting.

It is a versatile and scalable luminaire that adapts precisely to any type of roadway, from residential streets to large avenues and interurban access roads. Its name, inspired by the Latin word "nox" (night), reflects its purpose: to provide safer, cleaner and smarter lighting for our cities.

The range is composed of four sizes: **S, M, L** and **XL**, covering power ratings from **25W** to **200W**, offering the exact solution for each installation height and level of requirement. Its advanced optics (asymmetric, extensive and specific) ensure precise light distribution, improving visibility and reducing glare.

NOX offers colour temperatures of **1800K, 2200K, 2700K, 3000K and 4000K**, enabling more environmentally respectful solutions, especially in residential areas and sensitive environments, improving visual comfort and minimising light intrusion without compromising safety or the required uniformity levels.

With real efficiencies of **up to 170 lm/W** and electronics prepared for the connected city, NOX incorporates control options including **0-10V, DALI-2** and programmable drivers.

Manufactured from high-quality aluminium, its compact structure and optimised thermal management ensure stable performance over time, with **IP66** and **IK08** protection, designed to withstand the most demanding environmental conditions.

NOX is the perfect combination of technology, safety and durability. A family designed to illuminate our cities with greater efficiency, lower consumption and total control of every light point.



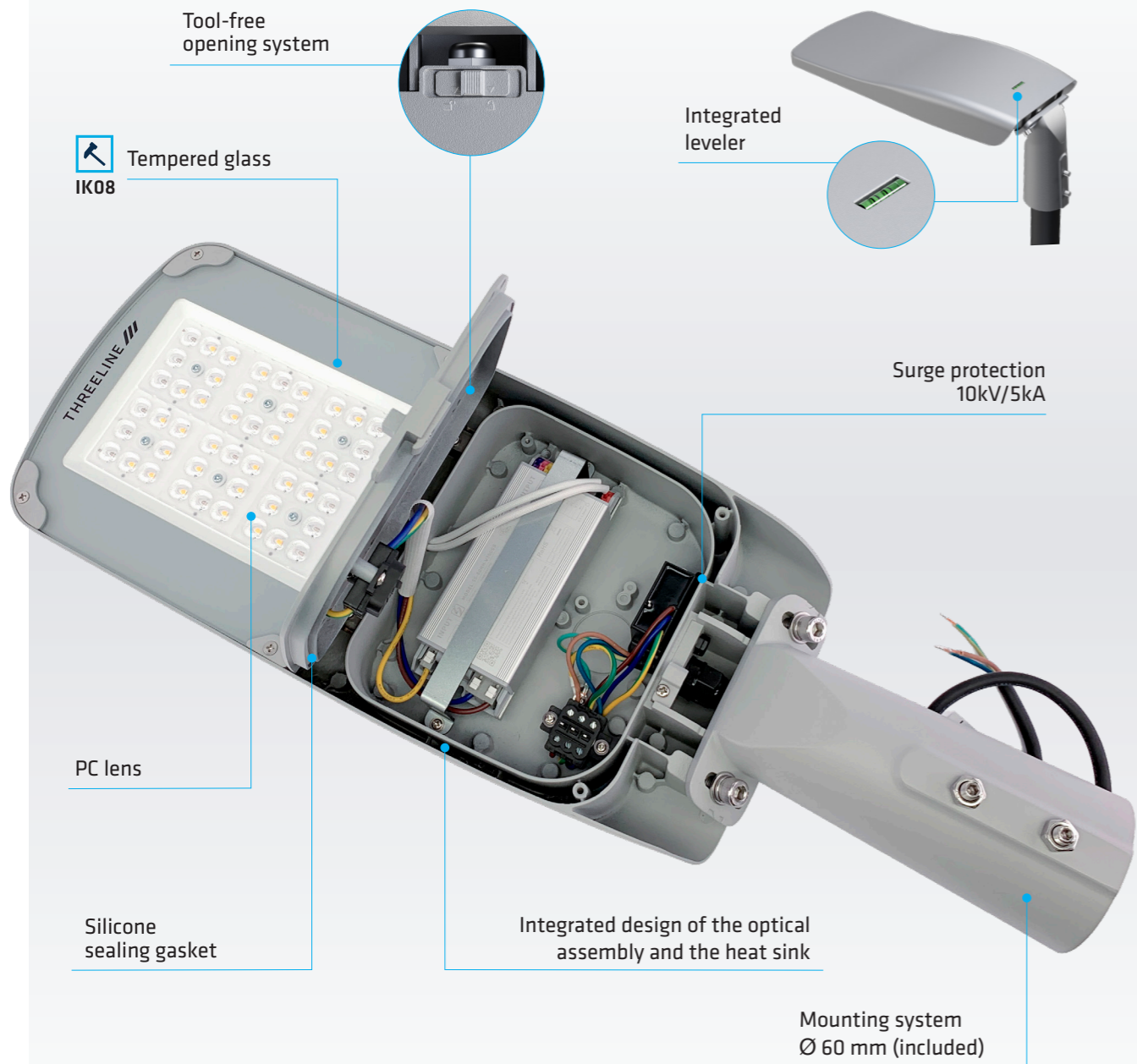
NOX. FEATURES



	NOX S NXS	NOX M NXM	NOX L NXL	NOX XL NXXL
POWER	25 W / 40 W	70 W / 100 W	120 W / 150 W	180 W / 200 W
POWER (● 1800K)	25 W / 40 W / 60 W	80 W	100 W / 130 W	150 W
EFFICIENCY	Up to actual 170 lm/W			
RECOMMENDED INSTALLATION HEIGHT	6-8 m	8-12 m	8-12 m	12-15 m
COLOUR TEMPERATURE	● 1800K / ● 2200K / ● 2700K / ● 3000K / ● 4000K			
REAL LUMINOUS FLUX	3037 ~ 6800 lm	8925 ~ 17000 lm	11600 ~ 25500 lm	17663 ~ 34000 lm
AVAILABLE OPTICS				
CONTROL OPTIONS	0-10V / DALI-2 / DN2+ / DN2- / DPR			
LED TYPE	SMD 5050			
LED TYPE (● 1800K)	SMD 3030			
NUMERS OF LEDS	20 LEDS (25 W) 24 LEDS (40 W)	32 LEDS (70 W) 48 LEDS (100 W)	56 LEDS (120 W) 72 LEDS (150 W)	88 LEDS (180 W) 96 LEDS (200 W)
No. OF LEDS (● 1800K)	72 LEDS	120 LEDS	185 LEDS	240 LEDS
LIFETIME	100000 h L80B50 / 153000 h L70B10 / 46000 h L90B10			
IP	IP66			
IK	IK08			
OPERATING TEMPERATURE	-30°C ~ +50°C			
SURGE PROTECTION	10 kV / 5 kA			
WEIGHT	2,70 Kg	3,40 Kg	4,20 Kg	4,50 Kg
CERTIFICATIONS	CE / ENEC / CMIN / RoHS			
EXPOSED WIND AREA	0,072 m ²	0,084 m ²	0,11 m ²	0,13 m ²
WARRANTY	5 years			

NOX. FEATURES

PRO
4000K
3000K
2700K
2200K
1800K
IP66
IK08
5 YEARS WARRANTY
PL RAL 9006
FLICKER FREE
Hasta Actual 170 lm/W



• Optics

• Dimming options

• Materials
AL BODY
PC REFLECTOR AND LENS
Si GASKET
Zn CLIP

• Included
Ref. ANX60

• Optional
Ref. ANX42
Ref. ANX76
Ref. APNX60
CUSTOM
ANTISALINE TREATMENT

NOX. FEATURES

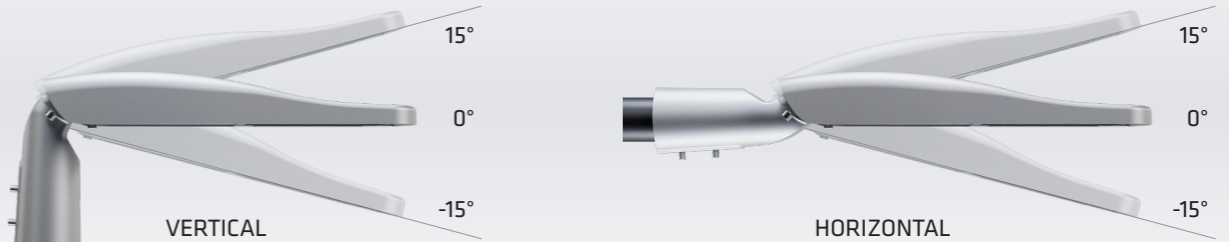
MOUNTING SYSTEM

The pre-installed adapter allows mounting on a pole in horizontal or vertical position. Available in several diameters (T60 included and T42 / T76 optional).

• Included
 Ref. ANX60

• Optional
 Ref. ANX42 (Ø 42 mm)
 Ref. ANX76 (Ø 76 mm)

• Optional
 Ref. APNX60 (Ø 60 mm)



TILT ADJUSTMENT

Tilt range from -15° to +15° in 5° steps, optimising photometric distribution and uniformity on public roads.

INDEPENDENT COMPARTMENT FOR THE DRIVER
 The driver can be easily removed by opening the compartment, without the need for tools.

IP66 PROTECTION
 Watertight design with high-quality waterproof silicone gaskets to ensure IP66 sealing.

AESTHETIC AND MINIMALIST DESIGN
 Clean and simple finish, with smooth surfaces that prevent dirt accumulation. The light grey textured coating allows the luminaire to visually blend into its surroundings.

CUSTOMIZABLE
 Custom colour finish option.

THERMOGRAPHY
 Its ADC12 aluminium alloy body and streamlined design with a through-channel promote air convection, optimising heat dissipation.

ANTISALINE TREATMENT
 Optional antisaline treatment to prevent corrosion.

NOX S

PRO NXS

• Material

• Certifications

• Dimming options

• Lens

• Included

• Optional

SURGE PROTECTOR INCLUDED

Generate your reference

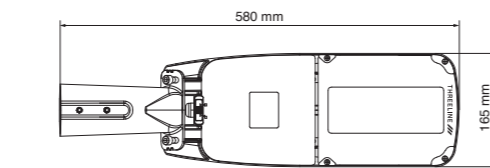
*0-10V only for 40W

REF.	W	K	⊂	CLASS I	CLASS II
NXS	25 W	25	● 4000K 40 150x50° A1	CLASS I C1 ON-OFF	CLASS II C2 ON-OFF
	40 W	40	● 3000K 30 150x70° A2	*0-10V D1	DALI-2 D2
			● 2700K 27 150x80° A3		DN2- D6
			● 2200K 22 150x100° A4		DN2+ D7
			140° 140		DPR D8

W	K	⊂	⊂	W	K	⊂	⊂
25 W	● 4000K	4750 lm	4250 lm	40 W	● 4000K	7600 lm	6800 lm
	● 3000K	3988 lm	3613 lm		● 3000K	6380 lm	5780 lm
	● 2700K	3563 lm	3188 lm		● 2700K	5700 lm	5100 lm
	● 2200K	3563 lm	3188 lm		● 2200K	5700 lm	5100 lm



Actual 170 lm/W



NOX M

PRO NXM

• Material

• Certifications

• Dimming options

• Lens

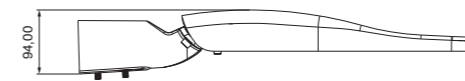
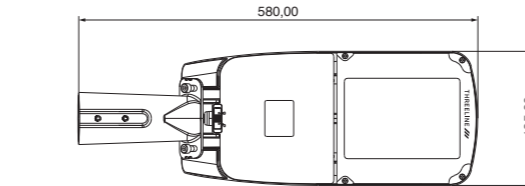
• Included

• Optional

SURGE PROTECTOR INCLUDED



Actual 170 lm/W



Generate your reference

REF.	W	K	⊂	CLASS I	CLASS II
NXM	70 W	70	● 4000K 40 150x50° A1	CLASS I C1 ON-OFF	CLASS II C2 ON-OFF
	100 W	100	● 3000K 30 150x70° A2	0-10V D1	DALI-2 D2
			● 2700K 27 150x80° A3		DN2- D6
			● 2200K 22 150x100° A4		DN2+ D7
			140° 140		DPR D8

W	K	⊂	⊂	W	K	⊂	⊂
70 W	● 4000K	13300 lm	11900 lm	100 W	● 4000K	19000 lm	17000 lm
	● 3000K	11165 lm	10115 lm		● 3000K	15950 lm	14450 lm
	● 2700K	9975 lm	8925 lm		● 2700K	14250 lm	12750 lm
	● 2200K	9975 lm	8925 lm		● 2200K	14250 lm	12750 lm

NOX L

PRO NXL

4000K 3000K 2700K 2200K 108-305V_{ac} 50/60Hz FLICKER FREE

CRI >70 cos φ >0,97 100.000 h x 15.000 OFF ON 5 YEARS WARRANTY

IK08 IP66 DI PL 10kV/5kA max. h L (12m) RAL 9006 PROTECTOR



Actual 170 lm/W

Material **Certifications**

AL PC Zn Si BODY REFLECTOR AND LENS CLIP GASKET CE EN

Dimming options

(150W) 0-10V DALI-2 DN2+ DN2- DPR

Lens

150x50° 150x70° 150x80° 150x100° 140°

Included **Optional**

Ref. ANX60 Ref. ANX42 Ref. ANX76 Ref. APNX60 CUSTOM ANTISALINE TREATMENT

SURGE PROTECTOR INCLUDED

Generate your reference

REF.	W	K	Beam	CLASS I	CLASS II
NXL	120 W	120	4000K 40 150x50° A1	CLASS I C1 ON-OFF	CLASS II C2 ON-OFF
	150 W	150	3000K 30 150x70° A2	*0-10V D1	DALI-2 D2
			2700K 27 150x80° A3		DN2- D6
			2200K 22 150x100° A4		DN2+ D7
			140° 140		DPR D8

W	K	Beam	Beam
120 W	4000K	22800 lm	20400 lm
	3000K	19140 lm	17340 lm
	2700K	17100 lm	15300 lm
	2200K	17100 lm	15300 lm

W	K	Beam	Beam
150 W	4000K	28500 lm	25500 lm
	3000K	23925 lm	21675 lm
	2700K	21375 lm	19125 lm
	2200K	21375 lm	19125 lm

NOX XL

PRO NXXL

4000K 3000K 2700K 2200K 108-305V_{ac} 50/60Hz FLICKER FREE

CRI >70 cos φ >0,97 100.000 h x 15.000 OFF ON 5 YEARS WARRANTY

IK08 IP66 DI PL 10kV/5kA max. h XL (15m) RAL 9006 PROTECTOR



Actual 170 lm/W

Material **Certifications**

AL PC Zn Si BODY REFLECTOR AND LENS CLIP GASKET CE EN

Dimming options

(200W) 0-10V DALI-2 DN2+ DN2- DPR

Lens

150x50° 150x70° 150x80° 150x100° 140°

Included **Optional**

Ref. ANX60 Ref. ANX42 Ref. ANX76 Ref. APNX60 CUSTOM ANTISALINE TREATMENT

SURGE PROTECTOR INCLUDED

Generate your reference

REF.	W	K	Beam	CLASS I	CLASS II
NXXL	180 W	180	4000K 40 150x50° A1	CLASS I C1 ON-OFF	CLASS II C2 ON-OFF
	200 W	200	3000K 30 150x70° A2	0-10V D1	DALI-2 D2
			2700K 27 150x80° A3		DN2- D6
			2200K 22 150x100° A4		DN2+ D7
			140° 140		DPR D8

W	K	Beam	Beam
180 W	4000K	34200 lm	30600 lm
	3000K	28710 lm	26010 lm
	2700K	25650 lm	22950 lm
	2200K	25650 lm	22950 lm

W	K	Beam	Beam
200 W	4000K	38000 lm	34000 lm
	3000K	31900 lm	28900 lm
	2700K	28500 lm	25500 lm
	2200K	28500 lm	25500 lm

ULTRA-WARM LIGHT

We offer ultra-warm lighting solutions in 1800K with low blue-spectrum emission, designed to reduce environmental impact and preserve the night-time environment in street lighting applications.



The 1800K colour temperature provides an optimal balance between visibility, visual comfort and environmental respect. In addition, it is less invasive to nocturnal ecosystems than white or cool light (4000K–5000K), thus helping preserve the biological cycles of animals and plants.

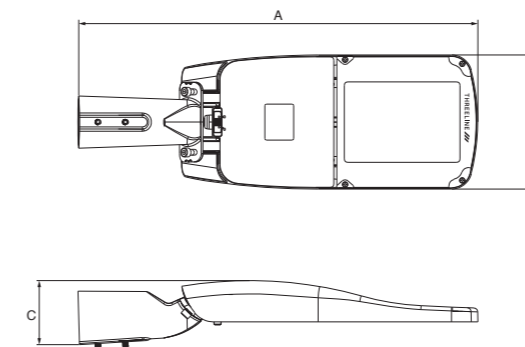
Thanks to its appearance, similar to that of traditional lamps, 1800K LED lighting is ideal for historic centres, towns, parks and residential areas, creating a warm and welcoming atmosphere instead of a sterile or industrial look, especially in environments where protection of the night sky is a priority.

Integrated into high-efficiency LED solutions and properly designed from an optical point of view, ultra-warm light helps minimise light dispersion, glare and intrusive light, while maintaining the safety levels required by current regulations at all times.



Benefits of ultra-warm light:

1. Significant reduction of night-time environmental impact.
2. Lower light dispersion and glare control.
3. Improved visual comfort in low-luminance environments.
4. Suitable for sensitive areas and protected spaces.
5. Compatible with dimming and intelligent control systems.
6. Lower impact on flora and fauna.
7. A welcoming atmosphere in residential and historic areas.



	A	B	C
NXS	580	165	94
NXM	580	195	94
NXL	664	215	94
NXXL	718	230	94

Measurements (mm).

NOX 1800K

PRO NXS / NXM / NXL / NXXL

1800K
108-305Vac
50/60Hz
CRI >70
cos φ >0,97
100.000 h
x15.000
OFF ON
IK08
IP66
DI
PL
RAL 9006
5 YEARS WARRANTY
FLICKER FREE
10kV/5kA PROTECTOR
max. h S (8m)
max. h M (12m)
max. h L (12m)
max. h XL (15m)

• Material
AL BODY
PC REFLECTOR AND LENS
Zn CLIP
Si GASKET
• Certifications
CE
ENEC

• Dimming Opt.
0-10V
SURGE PROTECTOR INCLUDED

• Lens
150x50°
150x70°
150x80°
150x100°
140°

• Included
Ref. ANX60
• Optional
Ref. ANX42
Ref. ANX76
Ref. APNX60
CUSTOM
ANTISALINE TREATMENT

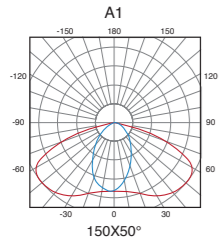
Generate your reference

*0-10V except for 25W and 100W

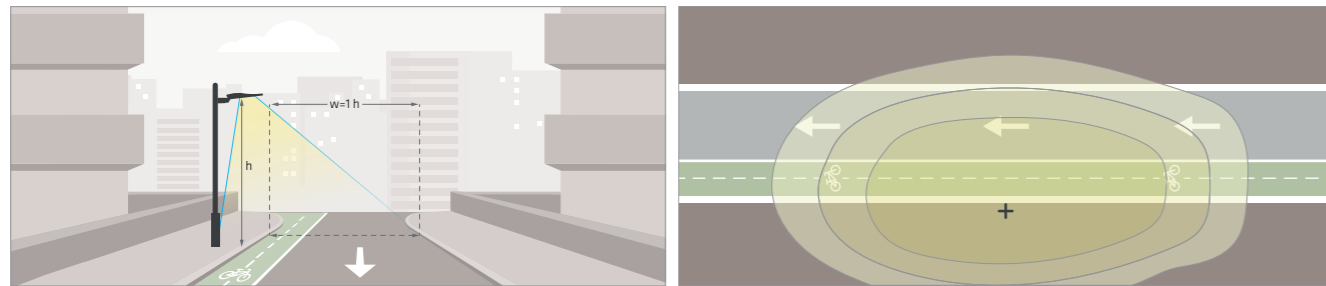
REF.	W	K	⊲	CLASS I	⊲ ⊕
	25 W	25	1800K 18	150x50° A1	CLASS I C1 ON-OFF
NXS	40 W	40		150x70° A2	*0-10V D1
	60 W	60		150x80° A3	
NXM	80 W	80		150x100° A4	
	100 W	100		140° 140	
NXL	130 W	130			
NXXL	150 W	150			

K	NOX S			NOX M			NOX L			NOX XL		
	W	⊲	⊲	W	⊲	⊲	W	⊲	⊲	W	⊲	⊲
1800K	25 W	3413 lm	3037 lm	80 W	10560 lm	9396 lm	100 W	13100 lm	11600 lm	150 W	19800 lm	17663 lm
	40 W	5460 lm	4860 lm				130 W	17030 lm	15080 lm			
	60 W	8076 lm	7176 lm									

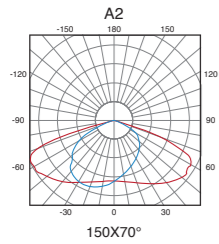
TYPE I Short - A1



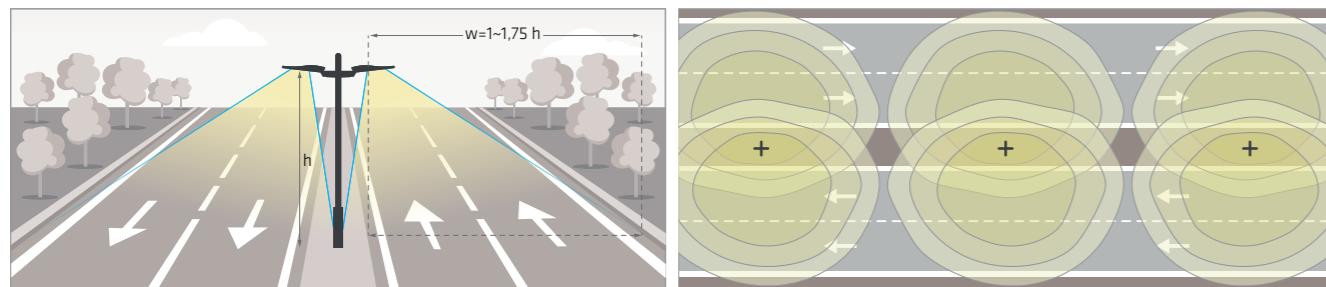
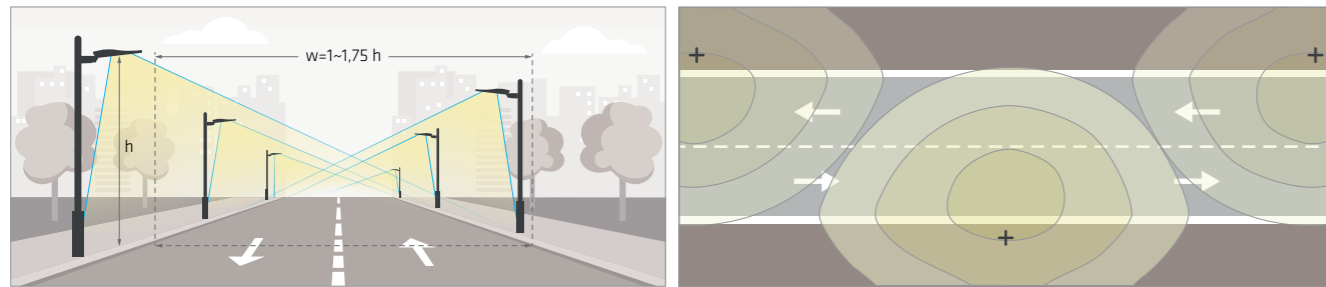
Suitable distribution for narrow roads, where the transverse width of the roadway is approximately equal to the mounting height of the luminaire ($w = 1h$).



TYPE II Medium - A2

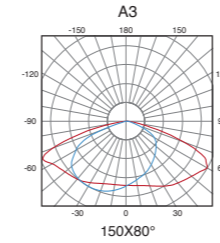


Suitable distribution for roads of medium-width, where the transverse width of the roadway is between 1 and 1.75 times the mounting height of the luminaire ($w = 1-1.75h$).

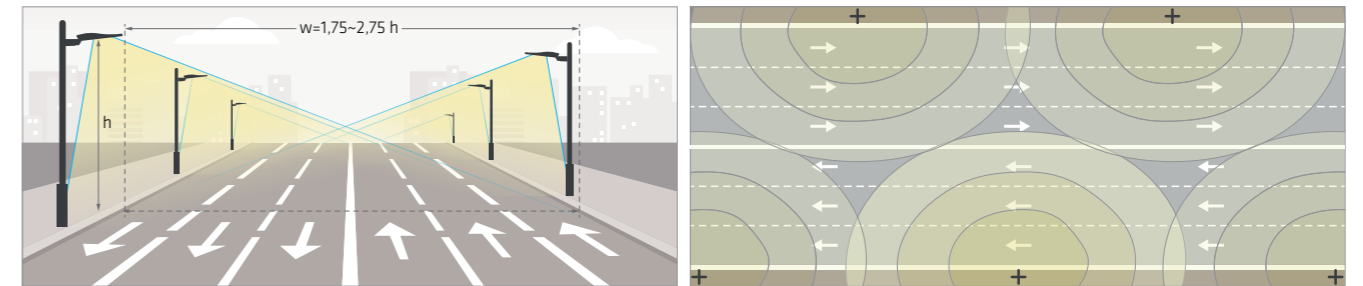


CHOOSE THE RIGHT LENS FOR EACH SITUATION

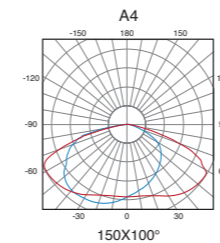
TYPE III Medium - A3



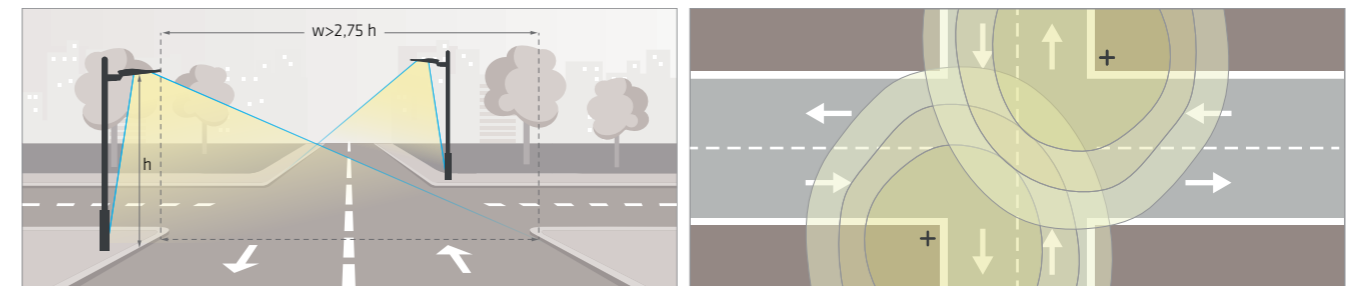
Suitable distribution for wide roads, where the transverse width of the roadway is between 1.75 and 2.75 times the mounting height of the luminaire ($w = 1.75-2.75h$).



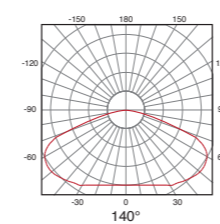
TYPE IV Short - A4



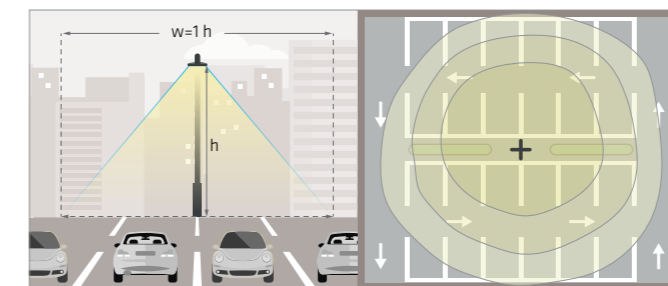
Suitable distribution for wide roads, where the transverse width of the roadway is greater than 2.75 times the mounting height of the luminaire ($w > 2.75h$).



TYPE V Short - 140°



The coverage width is approximately equal to 1.0 times the mounting height of the luminaire in all directions.



NOX

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