

Nyx 450

Design: Vilhelm Lauritzen Architects

NYX 450 can be mounted as top-post, mid-post or on horizontal arm. Like the other luminaires in the Nyx family, Nyx 450 is available in black and two grey colours which suit galvanised poles very well. The luminaires are made of cast aluminium with screen in clear, hardened glass. They are simple and easy to maintain.

The NYX luminaires are equipped with LED with various lense options. Nyx 450 features flat bottom, resulting in reduced glaring and less light pollution. All Nyx luminaires meet the requirements of EN13201.

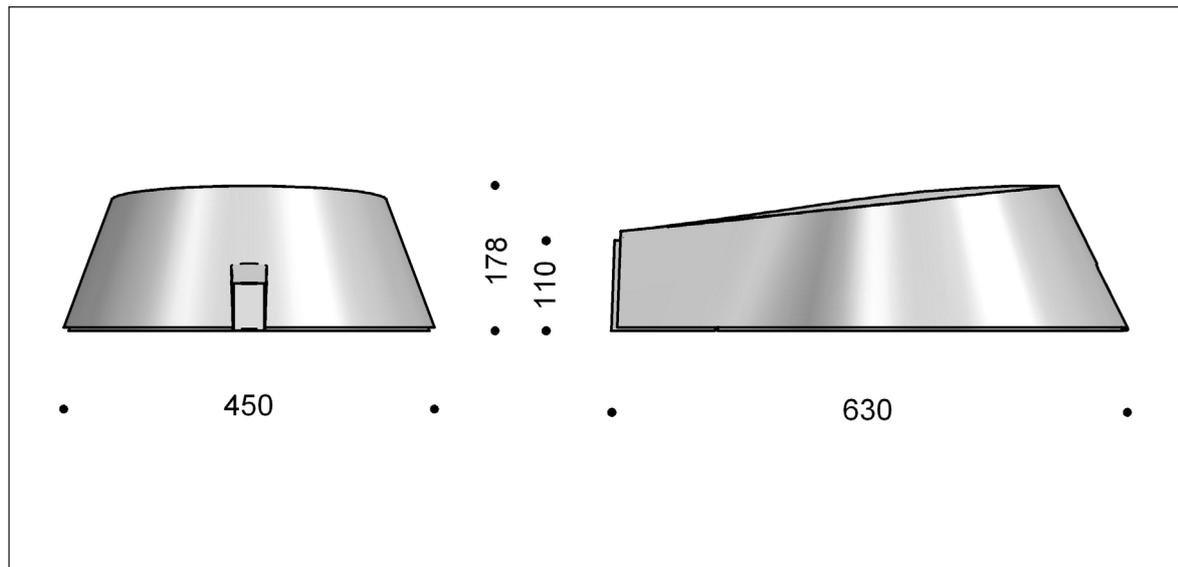


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FOCUS-LIGHTING

Nyx 450 - FastFlex + Optics

Design: Vilhelm Lauritzen Architects



Luminaire specs:

Material: Cast aluminium
Finish: Raw anodized
Graphite grey: YW355F
Silver grey: Y2370I
Black: Noir 900 Sablé SN351F
Screen: 3 mm hardened glass
Mounting: On pole w. 60 or 76 mm top diameter,
on 60 or 48 mm arm or on wall
Connection: In the pole
Supplied with 10 m lead 2 x 1 mm²
Side entry, choose 12 m
Classification: IP66, class II
Impact resistance: IK10; with Zhaga socket IK09
Corrosion class: C4, C5 optional
Weight: 11 kg
Wind sweeping area: 0.09 m² (laterally)

Driver specs:

Driver, 2xFF: Xi CR 75W 0.2-1.05A SDMP 230V C123 sXt
Inrush current: max 46 A (50% after 250 µs)

Driver, 3xFF: Xi CR 110W 0.2-1.05A SDMP 230V C133 sXt
Inrush current: 71,9 A (50% after 143 µs)

Driver, 4xFF: Xi FP 165W 0.3-1.0A SNLDAE 230V C170 sXt
Inrush current: 58 A (50% after 340 µs)

Nominal voltage, AC: 220-240 Vac

Nominal input frequency: 50-60 Hz

Max pre-protection: 16 A

Surge protection: L/N-GND: 10 kV, L-N: 6 kV, (SR driver: 8 kV)

Service life: min 100,000 hours

Dimming: 5 steps dimming within the lumen intervals

Alternatively: DALI-2 (4/5-conductor cable), LineSwitch, or
via Zhaga book 18 socket

Lamp specs:

FastFlex LED: 2, 3, or 4 modules

Optic: T3 lenses for local roads

MEW lenses for traffic roads

T4 lenses for roundabouts

PX lenses for pedestrian crossings

Service life: min. 100,000 hours at ta max 25°, L90B10

Constant lumen output

Temperature range: -30 to +35° C

Colour temperature: 2200, 2700, 3000 or 4000 Kelvin

Colour rendering: CRI 70 eller CRI 80

Colour accuracy: 5 Steps SDCM

Spec sheet – Nyx 450

Product number

Product no	Light source	Lumen range
9930	2xFF-DA, T3	40-10670
9931	3xFF-DA, T3	60-14600
9932	4xFF-DA, T3	1870-19480
9950	2xFF-DA, MEW	40-10670
9951	3xFF-DA, MEW	60-14600
9952	4xFF-DA, MEW	1870-19480
9940	2xFF-DA, T4	40-10670
9941	3xFF-DA, T4	60-14600
9942	4xFF-DA, T4	1870-19480
9955	2xFF-DA, PX	40-10670
9956	3xFF-DA, PX	60-14600

Variant

Color	Color Temperature	Mounting
01 RAW Anodized	722 2200K, CRI70	T Post top ø76/60
4 Graphite grey	727 2700K, CRI70	U Side entry ø60
9 Silver grey	730 3000K, CRI70	U48 Side entry ø48
17 Corten brown	740 4000K, CRI70	G Penetrated ø60
66 Black noir 900	827 2700K, CRI80	G76 Penetrated ø76
RAL Other RAL color	830 3000K, CRI80	
	840 4000K, CRI80	
	BW 3000-1800K, BioAdaptive Warm	
	BR 2700K/Rød, BioAdaptive Red	

Optional

Controls	Corrosion coating	Protection class	Cable type	Cable length	Transient protection	Optional
Standard Programmable	Standard C4 Standard	Standard Class II	Standard PKA	Standard Cable 10 mtr	Standard Driver varistor	Standard No add
D DALI-2	C5 C5 Coastal	J Class I	P PKA 2 wires f/reprog	6 Cable 6 mtr	X Varistor 10KV	CB Back light cover black
F LineSwitch			Q PKA 1,5 mm²	8 Cable 8 mtr		CW Back light cover white
R Zhaga up D4i			N Halogen free cable	12 Cable 12 mtr		
S Zhaga down D4i						
RS Zhaga up/down, D4i						
RC Interact, Zhaga up						
RCS Interact, Zhaga up/down						

Accessories

Item no	Accessories
9023	Wall bracket - combine with color code