NYX 330 LANTERN

Design: Vilhelm Lauritzen Architects

NYX is a series of external luminaires for wall or column mounting. Nyx is the answer to today's demands for pleasant and well-defined light in urban areas.

Nyx 330 is available for pole-top and wall mounting. Like the rest of the Nyx series, it comes in black, corten brown, and two grey colours suitable for galvanised standard columns. Made of cast silumin with frosted or opal-white polycarbonate shades, the luminaires are simple and safe and do not invite to vandalism.

The NYX luminaires are available with LED, and the shade edge being visible, it offers optical guidance.

NYX 330 is suitable for mounting on columns from three to six meters. The single lantern can be used on any type of column with a top diameter of 60 mm. Adapter for 48 and 42 mm poles available. Nyx 330 is also available with a penetrated housing for mounting of more lanterns on a cylindrical 60 mm column.

Two or more lanterns can be mounted on each column. Lanterns two-by-two will be the solution for low columns - images can be found at www. focus-lighting.dk.
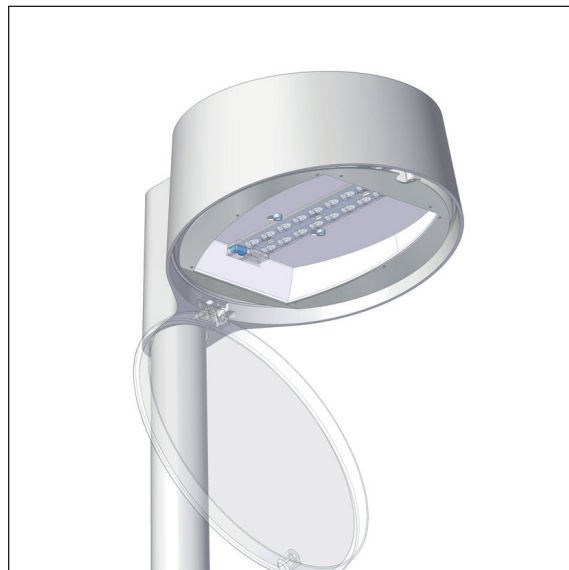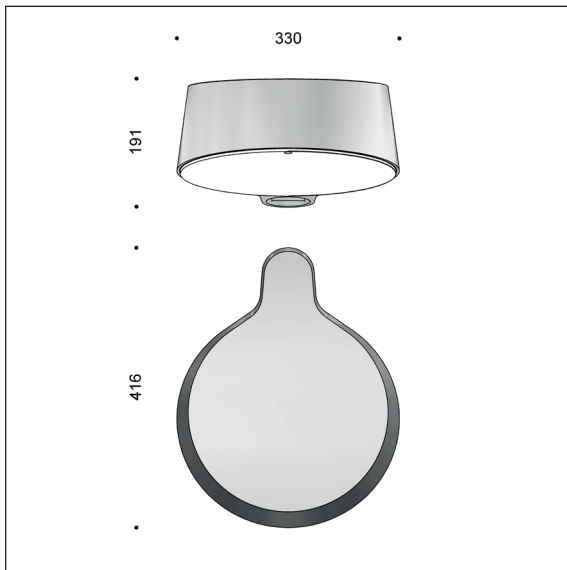
The Nyx 330 lantern can be mounted on a double arm, available in two sizes: 800 or 1600 mm. The standard version is in hot-dipped galvanised steel and can be powder coated in the same colours as the lanterns.

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NYX 330 - FASTFLEX, T3 LENSES

Design: Vilhelm Lauritzen Architects

Luminaire specs:

Material:	Cast aluminium
Finish:	Graphite grey: SW302G (close to RAL 9007)
	Silver grey: MW300D
	Black: Noir 900 Sablé, SN351F
	Corten brown: Mars YX355F
Diffuser:	Polycarbonate, clear
Mounting:	On pole w. 60 mm top diameter
	Adapter for 48 and 42 mm poles - see below
	Available with penetrated housing for multiple lanterns on Ø60mm poles.
Connection:	In the pole
	The luminaire is supplied with 5.5 m lead
	2x1 mm^2
Classification:	IP66 , class II
Corrosion class:	C4
Impact class:	IK10
Weight:	8 kg
Wind sweeping area:	0.053 m2 (laterally)

Lamp- and driver specs:

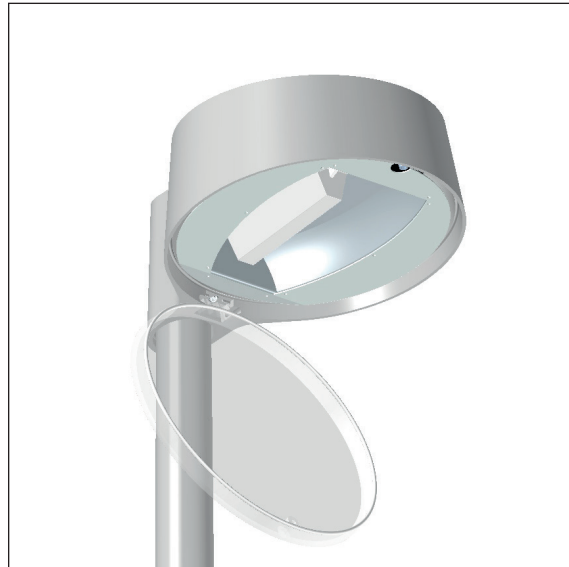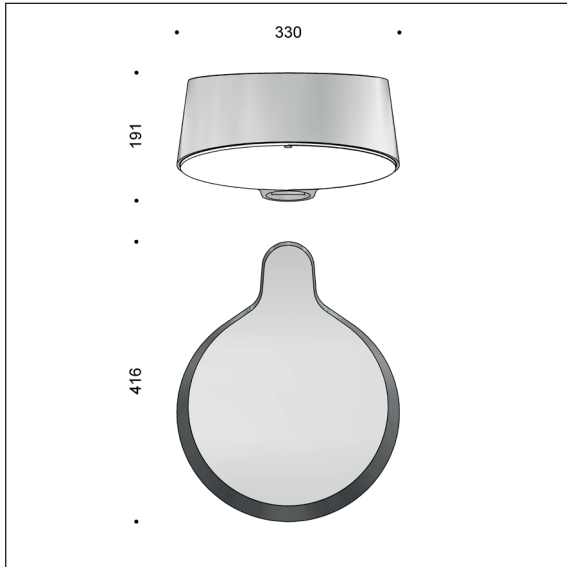|	
FastFlex LED:	FF-DA, T3, for local roads, P, HS, and C classes
Service life:	min 120,000 hours at ta max 25°, L80B10
Temperature range:	-30 to +35° C
Luminous power:	3000K: 1500-3700 lm, CLO
	4000K: 1600-4200 lm, CLO
Colour temperature:	3000 or 4000 Kelvin
Colour rendering:	min 70 Ra, typically 75 Ra, 80 Ra optional
Colour accuracy:	4 Steps SDCM
Intensity class:	G*3
Output ratio:	87.5 per cent
Driver:	Xitanium Full Xi FP 40 W 0.2-0.7 A
Inrush current:	max 22 A (50% after 290 µs)
Nominal voltage, AC:	220-240 Vac
Operational input voltage, AC:	150-264 Vac
Nominal voltage, DC:	186-250 Vdc
Operational input voltage, DC:	165-275 Vdc
Nominal input frequency:	50-60 Hz
Operational input frequency:	45-66 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/control:	Programming range 15-100 per cent or DALI (4-conductor), Line switch, AmpDim
Alternatively:	DALI via Zhaga book 18 base

Product codes:

NYX 330 FastFlex with T3 lenses, programmable driver

Item No.	Lamp type	Select colour, colour temperature, etc. in the table below.								
8914-	FF-DA, T3, max 4200 lm, programmable, 5.5 m lead									

Combine with:	Colour		Colour temperature		Dimming/control		Protection class		Penetrated housing	
	3	black, RAL 9005	730	3000 K, 70 Ra	empty	programmable	empty	class II	empty	no penetration
	4	graphite grey	740	4000 K, 70 Ra	D	Dali	J	class I	G	penetrated
	9	silver grey	830*	3000 K, 80 Ra	F	phase, Line Switch				
	17	corten brown	840*	4000 K, 80 Ra	Z	voltage, AmpDim				
	66	black, noir 900		* Longer lead times	R	base with SR driver, Zhaga book 18				

Options	
06034	Lamellas for the shade
1712-1	Adapter for 48 or 42 mm pole

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NYX 330 LED COMFORT

Design: Vilhelm Lauritzen Architects

Luminaire specs:

Material:	Cast aluminium
Finish:	Graphite grey: SW302G (close to RAL 9007)
	Silver grey: MW300D
	Black: Noir 900 Sablé, SN351F
	Corten brown: Mars YX355F
Diffuser:	Polycarbonate, clear or opal white
	Lamellas as option
Mounting:	On pole w. 60 mm top diameter
	Adapter for 48 and 42 mm poles - see below
	Available with penetrated housing for multiple lanterns on Ø60mm poles.
Connection:	In the pole
	The luminaire is supplied with 5.5 m lead, 2 x 1 mm².
Classification:	IP66 , class II
Corrosion class:	C4
Impact class:	IK10
Weight:	8 kg
Wind sweeping area:	0.053 m2 (laterally)

Lamp- and driver specs:

LED type:	Comfort
Service life:	min 120,000 hours at ta max 25°, L80B10
Temperature range:	-30 to +35° C
Luminous power:	3000 K: 1250-2900 lm, CLO
	4000 K: 1350-3100 lm, CLO
Colour temperature:	3000 or 4000 Kelvin
Colour rendering:	min 70 Ra, typically 75 Ra
Colour accuracy:	5 Steps SDCM
Intensity class:	G*3
Output ratio:	74 per cent
Driver:	Xitanium Full Xi FP 40 W 0.3-1.0 A
Inrush current::	max 22 A (50% after 290 µs)
Surge protection:	L/N-GND: 10 kV, L-N: 6 kV, (SR driver: 8 kV)
Service life:	min 100,000 hours
Dimming/control:	Programming range 15-100 per cent
	DALI (4-conductor cable)
	Phase (Line switch)
	Voltage (AmpDim)
Alternatively:	DALI via Zhaga book 18 base

Product codes:

NYX 330 Comfort with programmable driver		
Item No.	**Lamp type**	Select colour, colour temperature, etc. in the table below.
8910-	LED Comfort programmable	

Combine with:	Colour		Colour temperature		Shade		Dimming/control		Protection class	
	3	black, RAL 9005	730	3000 K, 70 Ra	empty	clear shade	empty	programmable	empty	class II
	4	graphite grey	740	4000 K, 70 Ra	0	opal white shade	D	Dali	J	class I
	9	silver grey	830*	3000 K, 80 Ra			F	phase	**Penetrated housing**	
	17	corten brown	840*	4000 K, 80 Ra			Z	voltage	empty	no penetration
	66	black, noir 900	* Longer lead times				R	base with SR driver, Zhaga book 18	G	penetrated
Example:	8910-9740 = Nyx 330 Comfort, programmable, silver grey, 4000 K 70 Ra, 5.5 m lead, clear shade									

Options	
06034	Lamellas for the shade
1712-1	Adapter for 48 or 42 mm pole

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