

Becco Park

Design: Grønlund & KSA Design



BECCO is born with LED and many necessary components are integrated parts of the luminaire design. The heat sink forms a characteristic connection between the column or bollard and the lantern, and it is the base of the LED module as well. The light source is not visible, and the indirect, non-glaring light is spread by means of the arched roof plate.

The screen is cast in long-life polycarbonate with outer and inner layer of acrylate, which makes it extremely UV resistant.

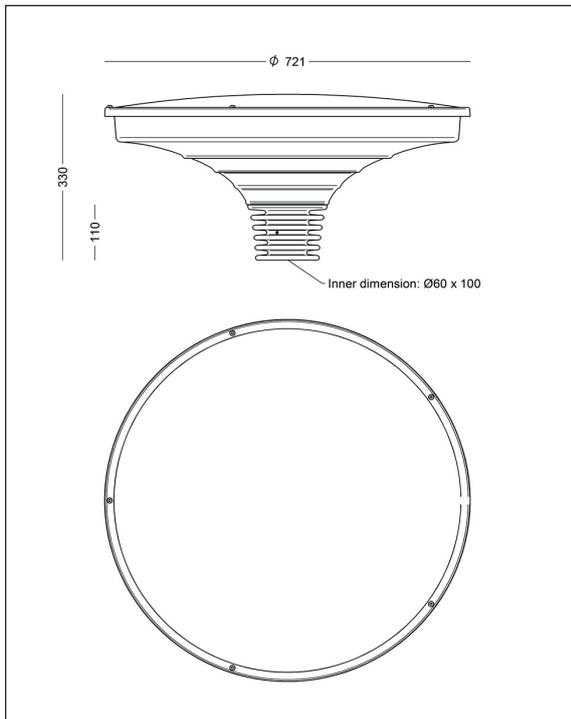
Driver and OCP in the column/bollard.



FOCUS-LIGHTING

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Luminaire specification:

Material:	Roof top in aluminium, base in cast aluminium
Finish:	Graphite grey: YW355F Silver grey: Y23701 Black: Noir 900 Sablé, SN351F
Screen:	Clear polycarbonate with UV-resistant acrylate on both sides
Mounting:	On pole w. 60 mm top diameter, height of top pipe 100 mm, see sketch below.
Connection:	4.5 m PKL-lead with plug to be connected to the driver in the pole.
Classification:	IP65, class II
Impact resistance:	IK10
Weight:	11 kg
Wind-swept area:	0.112 m ² (laterally)

VERO 18 specification:

LED:	Bridgelux VERO 18
Service life:	min 100,000 hours at ta max 25°C, L90B10
Luminous power:	2700K: 1550-4550 lm, CLO 3000K: 1650-4800 lm, CLO 4000K: 1700-4900 lm, CLO
Colour temperature:	2700, 3000, or 4000 Kelvin
Colour rendering:	min 80 Ra, typically 85 Ra
Output ratio:	64%

VERO 29 specification:

LED:	Bridgelux VERO 29
Service life:	min 100,000 hours at ta max 25°C, L90B10
Luminous power:	2700K: up to 6800 lm, CLO 3000K: up to 7100 lm, CLO 4000K: up to 7350 lm, CLO
Colour temperature:	2700, 3000, or 4000 Kelvin
Colour rendering:	min 80 Ra, typically 85 Ra
Output ratio:	64%

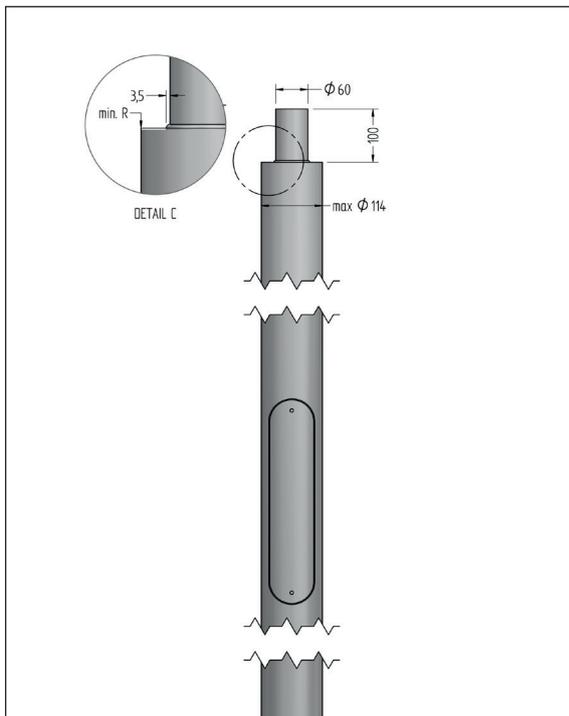
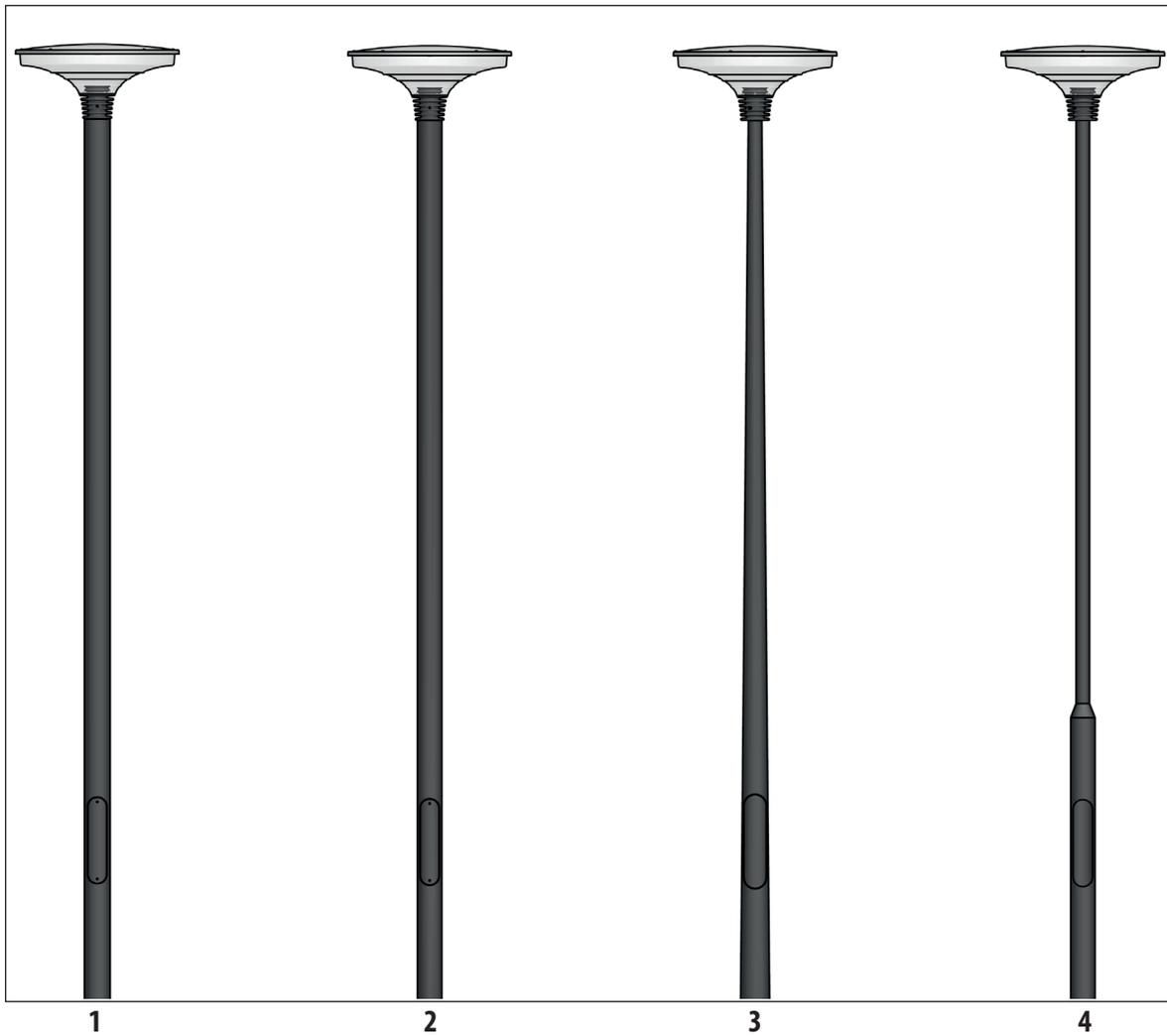
Driver, VERO 18:	Xitanium Full Xi FP 40 W 0,3-1,0 A programmable
Driver, VERO 29:	Xitanium Full Xi FP 40 W 0,2-0,7 A programmable

Inrush current:	max 22 A (50% after 290 µs)
Dimming:	8-100% dimming range DALI (4-conductor cable) Phase (Line switch) Voltage (AmpDim)
Surge protection:	L/N-GND: 10 kV L-N: 6 kV
Service life:	min 100,000 hours

Product codes:

BECCO PARK								
Item No.	Lamp type							
8808-	Bridgelux Vero 18 programmable, max 4900 lm, 35 W, 4.5 m lead							
8809-	Bridgelux Vero 29 programmable, max 7350 lm, 39 W, 4.5 m lead							
Combine with:	Colour		Colour temperature		Dimming		Protection class	
	4	graphite grey	827	2700 K, 80 Ra	empty	programmable	empty	class II
	9	silver grey	830	3000 K, 80 Ra	D	Dali	J	class I
	66	black noir 900	840	4000 K, 80 Ra	F	phase (LineSwitch)		
					Z	voltage (AmpDim)		
Example:	8808-66830 = Becco Park 35 W LED, black noir 900, 3000 K, 80 Ra							
Extra	114 mm poles and fuse boxes are specified in the price list and at www.focus-lighting.dk							

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Becco is suitable for different kind of columns, provided the top pipe is max. $\phi 60$ x H100 mm. The four examples above:

1. cylindrical column $\phi 114$ mm, top pipe 100 mm, $\phi 60$
2. cylindrical column $\phi 108$ mm, top pipe 100 mm, $\phi 60$
3. conical column, top pipe 100 mm, $\phi 60$
4. Y column with 60 mm top diameter

The dimensions of the top pipe are shown to the left.
Detail C: We recommend a sharp edge without rounding.