# FLEXIA POLES







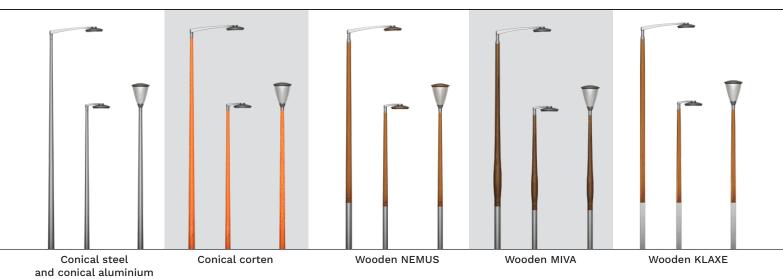
### Elegance meets functionality

Created in collaboration with VALMONT Structures, the range of FLEXIA poles complements the FLEXIA luminaires, offering complete lighting ensembles, fully consistent for your applications. Particular care has been taken in the design of this range to ensure the most homogeneous associations possible between the pole, the SOFIA bracket (if applicable) and the FLEXIA luminaire.

The poles are available in different materials (aluminium, galvanised or corten steel and wood) and with different design options to suit your local needs. The result is an almost infinite number of possible combinations\*, available in all standard Schréder colours. Certified for the loads defined in the EN40 standard, the FLEXIA POLES range is CE marked.



### **POLE VARIANTS**



 $<sup>\</sup>star$  As the offer may be different according to the requirements of individual countries, we invite you to consult your local Schréder representatives.

# FLEXIA POLES - Conical steel

### Schréder

### **CONICAL STEEL**

WITH FLANGE PLATE







FLEXIA TOP Ø60 & SOFIA BRACKET 4	0
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SOFIA BRACKET 1200

Pole Height (m)	Door position / ground	Door dimension	Ground level / flange plate	Flange plate fixation	
4					
5	F00	500x100	200	200x200	
6	500		200		
8		600x115		300x300	

Ø Base	Ø Top	Spigot on top
147		
164	76	ØC0   00
181	/10	Ø60 L80
215		

Ø Base	Ø Top	Spigot on top	
166			
183	0.5	Ø76 L80	
200	95	W16 L80	
234			

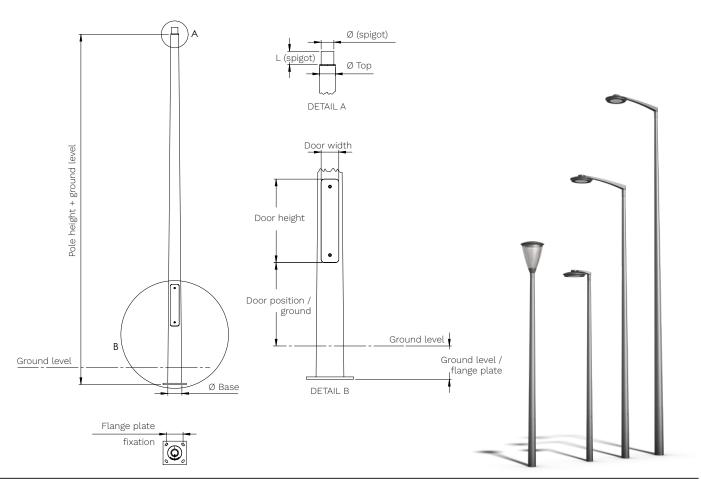
Ø Base	Ø Тор	Spigot on top
	><	
181	76	Ø60
215	76	L100

### MATERIALS

Hot-dipped galvanised steel

### FINISHES

Galvanised - Powder coating Wet painting - Sublimation



# FLEXIA POLES - Conical steel

### Schréder

### **CONICAL STEEL**

ROOTED POLE

Door

dimension

500x100

600x115

Distance

bottom

pole /

Door

1300

1500

1700

Root

length

800

1000

1200

232







FLEXIA TOP Ø60 & SOFIA BRACKET 400

Base	Ø Тор	Spigot on top	Ø Base	Ø Top	Spigot on top
158			177		
175	70	g00 L00	194	0.5	Ø70 I 00
195	76	Ø60 L80	214	95	Ø76 L80

251

SOFIA BRACKET 1200

Ø Base	Ø Тор	Spigot on top
	>>	
195	76	Ø60 I 100

232

### MATERIALS

Pole

Height (m)

4

5

6

Door

position /

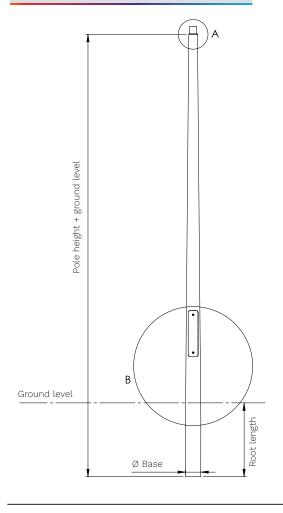
ground

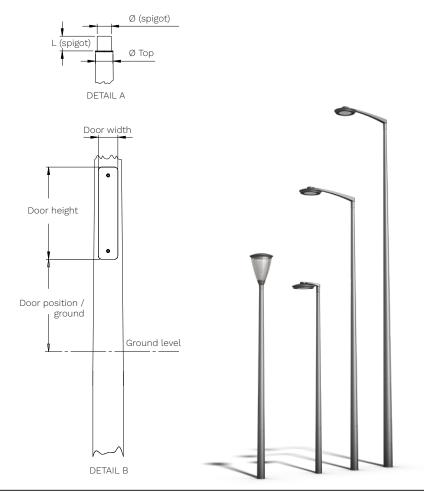
500

Hot-dipped galvanised steel

### FINISHES

Galvanised - Powder coating Wet painting - Sublimation





# FLEXIA POLES - Conical aluminium

### Schréder

### **CONICAL ALUMINIUM**

WITH FLANGE PLATE

Door

dimension

500x100

600x115

Ground

level /

flange

plate

200

300x300

200



180

### MATERIALS

Height

(m)

5

6

8

position

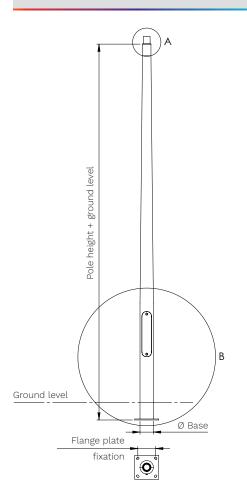
ground

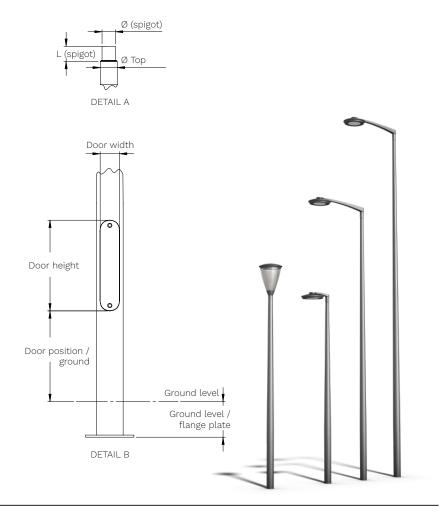
500

100% aluminium fluoformed one-piece pole. Aluminium 6060T5 incorporating 30% recycled material

### **FINISHES**

Brushed- Powder coating - Wet painting Anodization - Sublimation





# FLEXIA POLES - Conical aluminum

## Schréder

### **CONICAL ALUMINUM**

ROOTED POLE







	Pole Height (m)	Door position / ground	Door dimension	Distance bottom pole / Door	Root length
	4 5		500x100	1300	800
ľ		500			

600x115

1500

1700

1000

1500

180

FLEXIA I	OF 000 & 3	OFIA BR	ACKET 400
Ø Base FLEXIA top Ø60	Ø Base SOFIA Bracket 400	Ø Top	Spigot on top
150	150	75	G00 L00
	165	75	Ø60 L80

200

Spigot Ø Base Ø Top on top 150 Ø76 95 L80

180

Ø Base Ø Top top 165 Ø60 L100

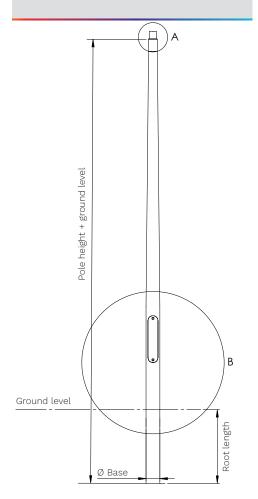
Spigot on

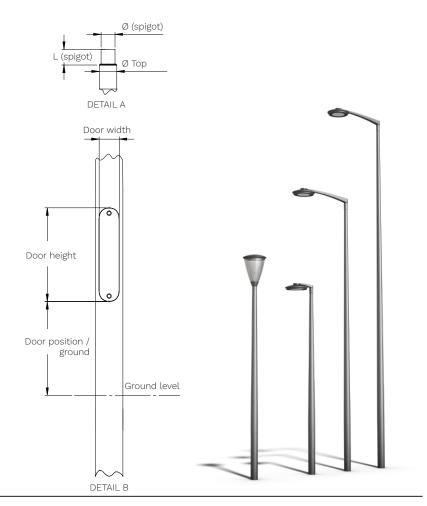
### MATERIALS

100% aluminium fluoformed one-piece pole. Aluminium 6060T5 incorporating 30% recycled material

### **FINISHES**

Brushed- Powder coating - Wet painting Anodization - Sublimation





# FLEXIA POLES - Conical corten

### Schréder

### **CONICAL CORTEN**

WITH FLANGE PLATE





					I LLXIA	10F 000 &	301 IA BRACKLT 400	1	.XIA TOF	010	30114	DIVACIL	1 1200
Pole Height (m)	Door position / ground	Door dimension	Ground level / flange plate	Flange plate fixation	Ø Base	Ø Тор	Spigot on top	Ø Base	Ø Top	Spigot on top	Ø Base	Ø Top	Spigot on top
4					148			167					
5	F00	500x100	200	200x200	165	70	Ø60 L00	184	95	Ø76			
6	500		200		182	76	Ø60 L80	201	95	L80	182	7.5	Ø60
8		600x115		300x300	216			235			216	75	L100

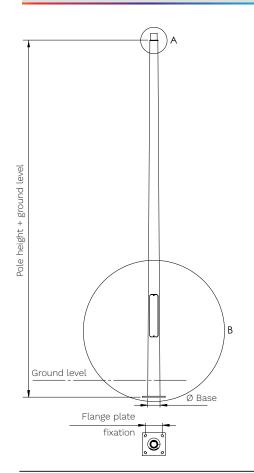
### MATERIALS

Corten B S355

### FINISHES

Natural (the column will weather to its full potential after installation)

Sealed (the weathering process is accelerated and then stopped via a sealer once the desired level of patina is achieved





# FLEXIA POLES - Conical corten

## Schréder

### **CONICAL CORTEN**

ROOTED POLE







Pole Height (m)	Door position / ground	Door dimension	Distance bottom pole / Door	Root length	
4		500:400	1300	800	
5	500	500x100			L
6			1500	1000	

Ø Base	Ø Тор	Spigot on top
158		
175	70	gco L 00
196	76	Ø60 L80
233		

Ø Base	Ø Top	Spigot on top		
177				
194	0.5	Ø76		
215	95	L80		
252				

Ø Base Ø Top Spigot on top

196
233

Ø 60
L100

### MATERIALS

Corten B S355

### FINISHES

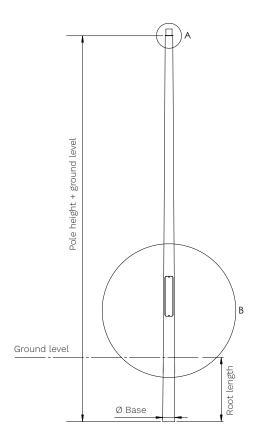
Natural (the column will weather to its full potential after installation)

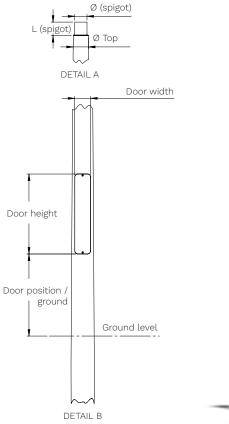
Sealed (the weathering process is accelerate and then stopped via sealer once the desired level of patina is acchieved

600x115

1700

1200







## FLEXIA POLES - Conical wood NEMUS Schréder

### **CONICAL WOOD NEMUS**

WITH FLANGE PLATE







FLEXIA 7	ГОР	Ø60	&	SOFIA	BRACKET	400

**SOFIA BRACKET 1200** 

Pole Height (m)	Door position / ground	Door dimension	Ground level / flange plate	Flange plate fixation	Ø
4					
5	500	500x100	000	200x200	
6	500		200		
8		600x115		300x300	

Ø Base	Ø Тор	Spigot on top
140	89	Ø60 L80
168		

Ø Base	Ø Тор	Spigot on top
140	89	Ø76 L80
168		

Ø Base	Ø Тор	Spigot on top
	><	
168	44.4	Ø60
194	114	L100

### MATERIALS

Shaft: GL28h glue laminated timber Base / Cap: hot-dipped galvanised steel

### FINISHES

Treated with a water-based stain finish consisting of four protective coats, VOCs <100g/l Powder coating for the steel part



Indentation line around circumference of pole around (By default)



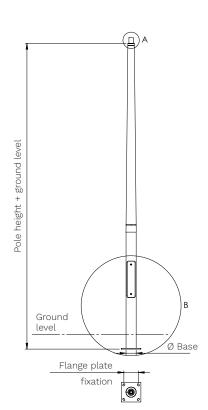
Collar version (option)

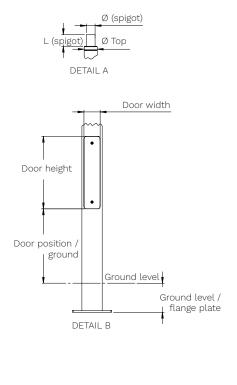


Line version (option)



Line version (option)







## FLEXIA POLES - Conical wood NEMUS Schréder

### **CONICAL WOOD NEMUS**

ROOTED POLE

Door

dimension

500x100

600x115

Distance

bottom

pole /

Door

1300

1500

1700

1200

168



168

### MATERIALS

Pole

Height (m)

4

5

6

8

Door

position

ground

500

Shaft: GL28h glue laminated timber Base / Cap: hot-dipped galvanised steel

### FINISHES

Treated with a water-based stain finish consisting of four protective coats, VOCs <100g/l Powder coating for the steel part

### AESTHETIC DETAILS



Indentation line around circumference of pole (by default)



Collar version (option)



194

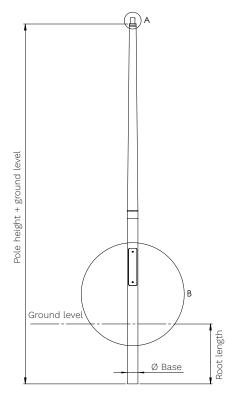
(option)

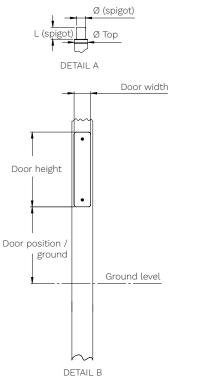


Ø60 L100

114

(option)







# FLEXIA POLES - Conical wood MIVAT Schréder

### CONICAL WOOD MIVAT

WITH FLANGE PLATE







Pole Height (m)	Door position / ground	Door dimension	Ground level / flange plate	Flange plate fixation
4				
5	500	500x100		200x200
6	500		200	

600x115

300x300

	. o. poo a	COL IN BIO CONET 100	
Ø Base	Ø Top	Spigot on top	ØB
140	89	Ø60 L80	14
168			16

Ø Base	Ø Top	Spigot on top			
140	89	Ø76 L80			
168					

Spigot on top Ø Base Ø Top 168 Ø60 114 L100 194

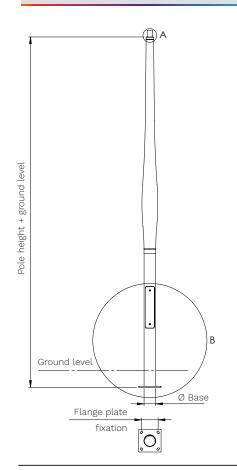
### MATERIALS

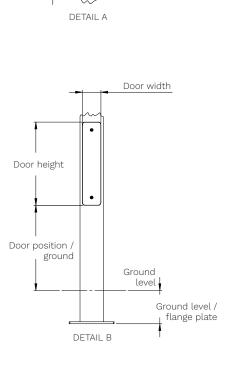
Shaft: GL28h glue laminated timber Base / Cap: hot-dipped galvanised steel

### FINISHES

Treated with a water-based stain finish consisting of four protective coats, VOCs <100g/l Powder coating for the steel part







Ø (spigot)

L (spigot)



# FLEXIA POLES - Conical wood MIVAT Schréder

### **CONICAL WOOD MIVAT**

ROOTED POLE







Pole Height (m)	Door position / ground	Door dimension	Distance bottom pole / Door	Root length
4			4200	000
5	F00	500x100	1300	800
6	500		1500	1000
8		600x115	1700	1200

Ø Base	Ø Top	Spigot on top
140	89	Ø60 L80
168		

Ø (spigot)

Ø Base	Ø Top	Spigot on top
140	89	Ø76 L80
168		

Ø Base	Ø Top	Spigot on top	
	><		
168	11.4	Ø60	
194	114	L100	

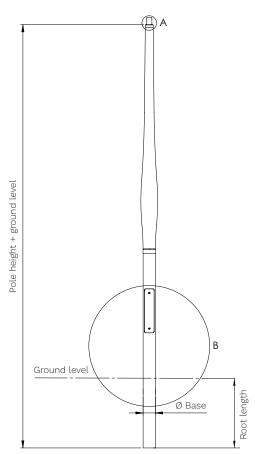
### MATERIALS

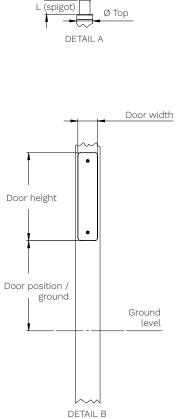
Shaft: GL28h glue laminated timber Base / Cap: hot-dipped galvanised steel

### FINISHES

Treated with a water-based stain finish consisting of four protective coats, VOCs <100g/l Powder coating for the steel part









# FLEXIA POLES - Square round wood KLAXE Schréder

### **SQUARE ROUND KLAXE**

WITH FLANGE PLATE

Door

dimension

500x100

600x115

Distance

bottom

pole /

Door

200

Flange

plate

fixation

200x200

300x300

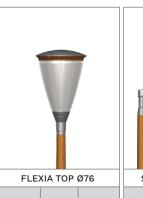
140x140

160x160

89



Ø60 L80



14

160x160



FLEXIA TOP Ø76			SOFIA	BRACKE	1 1200
Base	Ø Top	Spigot on top	Ø Base	Ø Top	Spigot on top
0x140	99 Ø76			><	
		L80	140x140	114	Ø60

180x180

ВΛ	<b>^T</b>	Е	п	ıΛ	c

Pole

Height (m)

4 5

6

8

Door

position

ground

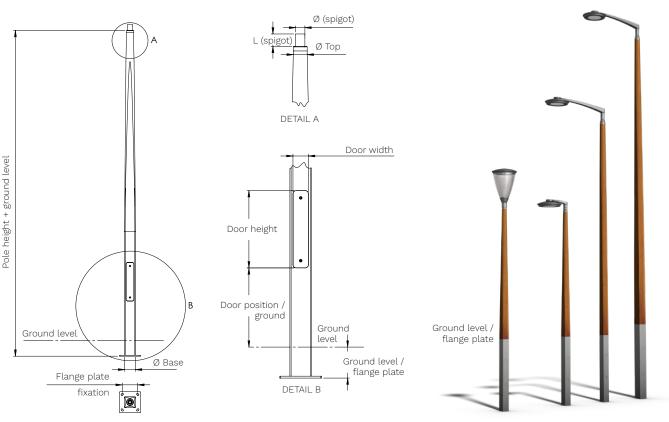
500

Shaft: GL28h glue laminated timber Base / Cap: hot-dipped galvanised steel

### FINISHES

Treated with a water-based stain finish consisting of four protective coats, VOCs <100g/l Powder coating for the steel part





# FLEXIA POLES - Square round wood KLAXE Schréder

### **SQUARE ROUND KLAXE**

ROOTED POLE



Ø

140

160





Pole Height (m)	Door position / ground	Door dimension	Ground level / flange plate	Root length
4			1200	000
5	F00	500x100	1300	800
6	500		1500	1000
8		600x115	1700	1200

Base	Ø Top	Spigot on top	Ø Base	Ø Тор	Spigot on top
0x140	89	Ø60 L80	140×140	89	Ø76 L80
0x160			160x160		

Ø Base	Ø Top	Spigot on top
	><	
140x140	11.4	Ø60
180x180	114	L100

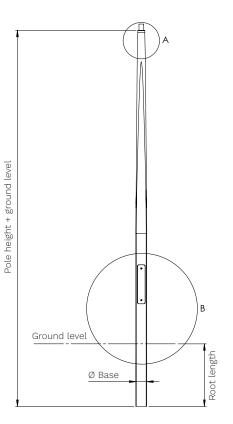
### MATERIALS

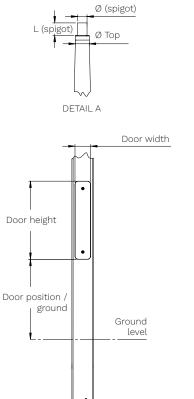
Shaft: GL28h glue laminated timber Base / Cap: hot-dipped galvanised steel

### **FINISHES**

Treated with a water-based stain finish consisting of four protective coats, VOCs <100g/l Powder coating for the steel part









DETAIL B