

Sofia



The Sofia range of brackets has been specifically designed for the Schröder FLEXIA luminaire range.

Its' sleek, curved design perfectly blends into any urban lighting scheme.

The bracket connects to the top of the FLEXIA luminaire with a unique patented fixation designed for an aesthetic integration of the NEMA or Zhaga socket.

The Sofia range includes two sizes and various configurations (single, double, lateral & wall). Thanks to multiple interfaces, the bracket fits to most local needs.

The Sofia bracket is made out of die-cast aluminium and is available in all standard Schröder colours. Certified for loads defined in EN40, the Sofia range can be installed on poles for CE marking.

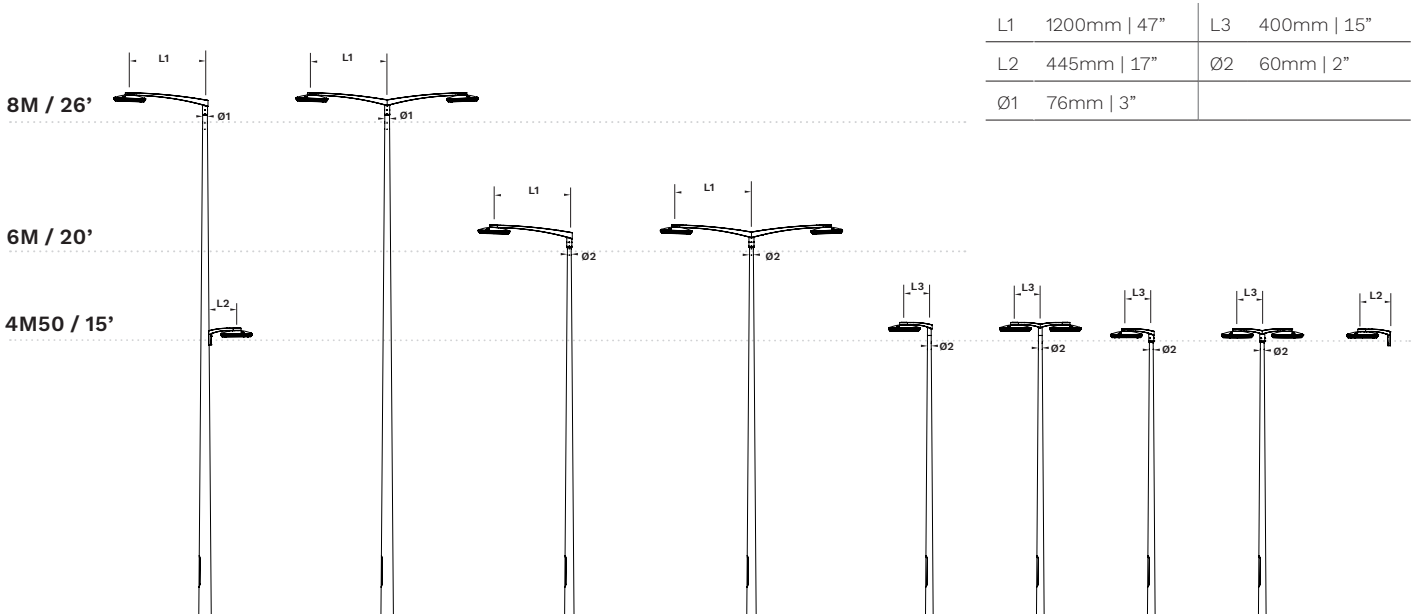
Technical information

GENERAL

Housing	Die-cast aluminum
Finish	Polyester powder-coating
Colour	AKZO 900 grey sanded Any RAL or AKZO colour upon request

Pull wire included	Yes, for post-top versions
Sea-side coating	Available upon request

DIMENSIONS



PRODUCT VARIANTS

Type	Length (mm)	Ordering code	To pole			Wall	To luminaire
			Diameter (mm)	Tube penetrating (male)	Enclosing (female)		Only compatible with FLEXIA (no fixation - F0)
Single enclosing Ø60	400	SOF110P	Ø60		X		X
Single penetrating Ø60	400	SOF115P	Ø60	X			X
Double enclosing Ø60	400	SOF210P	Ø60		X		X
Double penetrating Ø60	400	SOF215P	Ø60	X			X
Single enclosing Ø60	1200	SOF120P	Ø60		X		X
Single penetrating Ø76	1200	SOF125P	Ø76	X			X
Double enclosing Ø60	1200	SOF220P	Ø60		X		X
Double penetrating Ø76	1200	SOF225P	Ø76	X			X
Lateral & Wall	445	SOF010P		Lateral on pole > Ø65		X	X

Note: this information is to be combined with the specific technical drawing.

LUMINAIRE COMPATIBILITY

Family	Type	Length (mm)	Ordering code	FLEXIA (no fixation) F0
Sofia	Top single enclosing Ø60	400	SOF110P	X
Sofia	Top single penetrating Ø60	400	SOF115P	X
Sofia	Top double enclosing Ø60	400	SOF210P	X
Sofia	Top double penetrating Ø60	400	SOF215P	X
Sofia	Top single enclosing Ø60	1200	SOF120P	X
Sofia	Top single penetrating Ø76	1200	SOF125P	X
Sofia	Top double enclosing Ø60	1200	SOF220P	X
Sofia	Top double penetrating Ø76	1200	SOF225P	X
Sofia	Lateral & Wall	445	SOF010P	X

x = standard available



INFORMATION FOR EN40 CALCULATION

Name	Ordering code	Type	Length (mm)	Centre of pressure on X (mm)	Centre of pressure on Z (mm)	Endpoint bracket on X (mounting point - mm)	Endpoint bracket on Z (mounting point - mm)	CxS (m ²)	Weight (kg)
Sofia top single enclosing & penetrating Ø60	SOF110P & SOF115P	Simple	400	150	150	400	170	0,04	4
Sofia top double enclosing & penetrating Ø60	SOF210P & SOF215P	Double	400	195	162	400	170	0,062	4
Sofia top single enclosing Ø60 & penetrating Ø76	SOF120P & SOF125P	Simple	1200	430	250	1200	320	0,1	8.5
Sofia top double enclosing Ø60 & penetrating Ø76	SOF220P & SOF225P	Double	1200	495	265	1200	320	0,184	13
Sofia lateral & wall	SOF010P	Lateral & wall	445	190	85	445	115	0,04	2

