

# STREET LIGHT POLES WITH PASSIVE SAFETY CHARACTERISTICS, ACCORDING TO PN-EN 12767

STEEL, ROUND SECTION, WITH ARM, TWO RECESSES, LASER WELDED C-3PS-2w, 5 TO 7 METERS, HE-C and LE-C



## Technical data

TYPE	SHANK TYPE	W	H	H <sub>2</sub>	R <sub>(max)</sub>	Ød/D <sub>E</sub>	Z	m*	a x h TYPE
		m	m	m	m	mm	mm/m	kg	m
S-50C-3PS-2w	S-40PC-3PS-2w	1,0	5			60/121		42	0,43 x 1,2 F120PS-HE F120PS-LE
		1,5						44	
		2,0						46	
		2,5						48	
S-60C-3PS-2w	S-50PC-3PS-2w	1,0	6	1,0	0,65	60/136	12,5	52	
		1,5						54	
		2,0						56	
		2,5						58	
S-70C-3PS-2w	S-60PC-3PS-2w	1,0	7			60/148,5		62	
		1,5						64	
		2,0						66	
		2,5						68	

**Note:** The height of the bracket - 1 m. Post with type ST-Y bracket shown. Type ST bracket is compatible with this post type.

Ød, α° - other assembly diameters and inclination angles type should be specified in the inquiry or order.

For configuration of the C-3PS-2w pole integrated with the F120PS-HE or F150PS-HE foundation -

Passive safety classification according to PN-EN 12767:2019:

100HE-C-S-SE-SD-0; 70HE-C-S-SE-SD-0; 50HE-C-S-SE-SD-0,

(Passive safety classification according to PN-EN 12767:2007: 100HE3; 70HE3; 50HE3).

For configuration of the C-3PS-2w pole integrated with the F120PS-LE or F150PS-LE foundation -

Passive safety classification according to PN-EN 12767:2019:

100LE-C-S-SE-SD-0; 70LE-C-S-SE-SD-0; 50LE-C-S-SE-SD-0,

(Passive safety classification according to PN-EN 12767:2007: 100LE3; 70LE3; 50LE3).

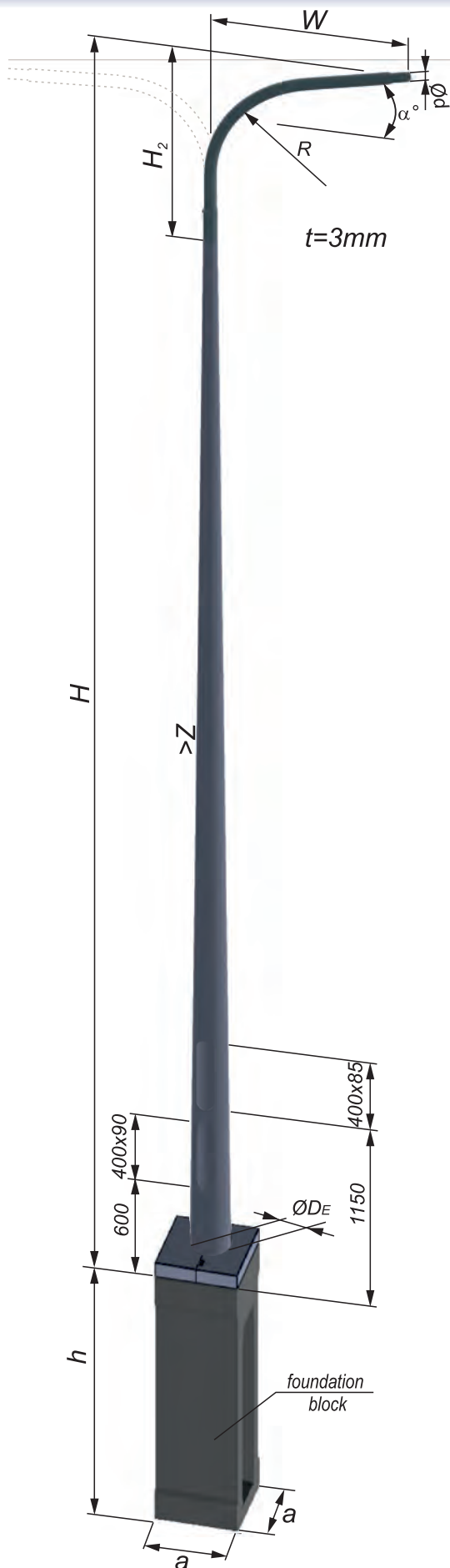
## Strength data

TYPE	W	Lamp fixture weight / bracket	Wind Zone, PN EN 1991-1-4				M <sub>F</sub>
			Permissible lamp fixture surface [m <sup>2</sup> ]				
	m	kg	I ≤300m a.s.l.	I ≤500m a.s.l.	II ≤300m a.s.l.	III ≤950m a.s.l.	kNm
<b>Single arm bracket</b>							
S-50C-3PS-2w	2,0	14	0,139	0,080	0,065	0,019	4,1
S-60C-3PS-2w	2,0	14	0,234	0,146	0,124	0,057	5,5
S-70C-3PS-2w	2,0	14	0,240	0,143	0,119	0,047	7,2
<b>Double arm bracket</b>							
S-50C-3PS-2w	2,0	14	0,266	0,150	0,120	0,030	4,1
S-60C-3PS-2w	2,0	14	0,448	0,276	0,232	0,102	5,5
S-70C-3PS-2w	2,0	14	0,456	0,268	0,220	0,052	7,2

\* - Data for single arm brackets

# STREET LIGHT POLES WITH PASSIVE SAFETY CHARACTERISTICS, ACCORDING TO PN-EN 12767

STEEL, ROUND SECTION, WITH ARM, TWO RECESSES, LASER WELDED C-3PS-2w, 8 TO 12 METERS, HE-C and LE-C



## Technical data

TYPE	SHANK TYPE	W	H	H <sub>2</sub>	R <sub>(max)</sub>	Ød/D <sub>E</sub>	Z	m*	a x h TYPE
		m	m	m	m	mm	mm/m	kg	m
S-80C-3PS-2w	S-70PC-3PS-2w	1,0	8			60/161		73	0,43 x 1,2 F120PS-HE F120PS-LE
		1,5						75	
		2,0						77	
		2,5						79	
S-90C-3PS-2w	S-80PC-3PS-2w	1,0	9			60/173,5		85	
		1,5						87	
		2,0						89	
		2,5						91	
S-100C-3PS-2w	S-90PC-3PS-2w	1,0	10	1,0	0,65	60/186	12,5	99	0,43 x 1,5 F150PS-HE F150PS-LE
		1,5						101	
		2,0						103	
		2,5						105	
S-110C-3PS-2w	S-100PC-3PS-2w	1,0	11			60/198,5		113	
		1,5						115	
		2,0						117	
		2,5						119	
S-120C-3PS-2w	S-110PC-3PS-2w	1,0	12			60/210		127	
		1,5						129	
		2,0						131	
		2,5						133	

**Note:** The height of the bracket - 1 m. Post with type ST-Y bracket shown. Type ST bracket is compatible with this post type.

Ød, α° - other assembly diameters and inclination angles type should be specified in the inquiry or order.

For configuration of the C-3PS-2w pole integrated with the F120PS-HE or F150PS-HE foundation -  
Passive safety classification according to PN-EN 12767:2019:  
**100HE-C-S-SE-SD-0; 70HE-C-S-SE-SD-0; 50HE-C-S-SE-SD-0,**  
(Passive safety classification according to PN-EN 12767:2007: **100HE3; 70HE3; 50HE3**).

For configuration of the C-3PS-2w pole integrated with the F120PS-LE or F150PS-LE foundation -  
Passive safety classification according to PN-EN 12767:2019:  
**100LE-C-S-SE-SD-0; 70LE-C-S-SE-SD-0; 50LE-C-S-SE-SD-0,**  
(Passive safety classification according to PN-EN 12767:2007: **100LE3; 70LE3; 50LE3**).

## Strength data

TYPE	W	Lamp fixture weight / bracket	Wind Zone, PN EN 1991-1-4				M <sub>F</sub>
			Permissible lamp fixture surface [m <sup>2</sup> ]				
			I	I	II	III	
	m	kg	≤300m a.s.l.	≤500m a.s.l.	≤300m a.s.l.	≤950m a.s.l.	kNm
<b>Single arm bracket</b>							
S-80C-3PS-2w	2,0	14	0,286	0,171	0,143	0,060	8,7
S-90C-3PS-2w	2,0	14	0,319	0,190	0,158	0,066	10,4
S-100C-3PS-2w	2,0	14	0,342	0,202	0,167	0,068	12,3
S-110C-3PS-2w	2,0	14	0,358	0,208	0,171	0,067	14,2
S-120C-3PS-2w	2,0	14	0,356	0,202	0,164	0,058	16,1
<b>Double arm bracket</b>							
S-80C-3PS-2w	2,0	14	0,494	0,260	0,202	0,032	8,7
S-90C-3PS-2w	2,0	14	0,468	0,234	0,176	-	10,4
S-100C-3PS-2w	2,0	14	0,438	0,210	0,152	-	12,3
S-110C-3PS-2w	2,0	14	0,410	0,184	0,130	-	14,2
S-120C-3PS-2w	2,0	14	0,372	0,152	0,098	-	16,1

\* - Data for single arm brackets

STREET SAFE  
ROUND SECTION, WITH ARM