ADEX

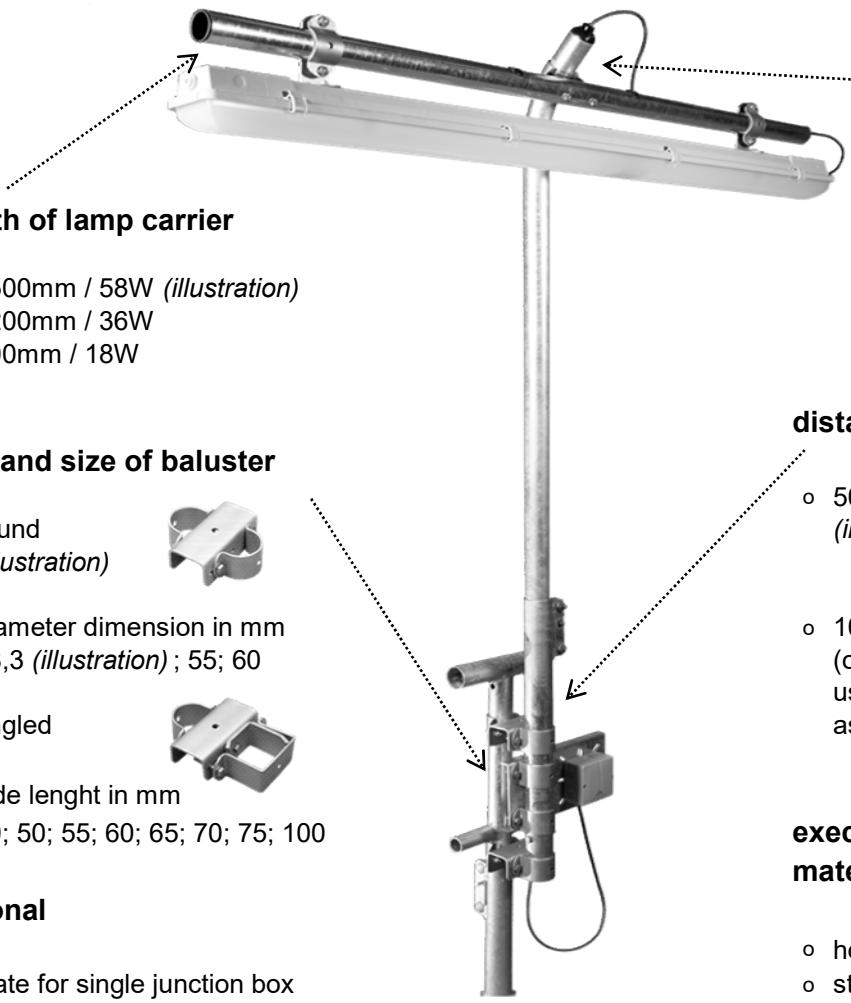
SEAR Befestigungstechnik

- system guide -

SEAR Befestigungstechnik

selection guide for systems with lamp carrier

- **ST-Q** - rigid lamp mounting system with lamp carrier
- **KL-Q** - hinged lamp mounting system with lamp carrier
- **AB-Q** - telescoping lamp mounting system with lamp carrier *(illustration)*



length of lamp carrier

- 1500mm / 58W *(illustration)*
- 1200mm / 36W
- 700mm / 18W

pole bending

- 135° *(illustration)*
- 90°

type and size of baluster

- round *(illustration)*

diameter dimension in mm
48,3 *(illustration)* ; 55; 60

- angled

side lenght in mm
40; 50; 55; 60; 65; 70; 75; 100

distance to handrail

- 50mm *(illustration)*

- 100mm (only for use for system assembly AB-Q and ST-Q)

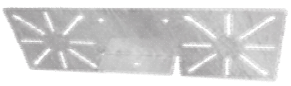
execution and kind of material

- hot-dip galvanized steel
- stainless steel V2A

optional

- plate for single junction box

- plate for double junction box



- junctionbox holder *(illustration)*

knee point element

(necessary for assembling system AB-Q and ST-Q on baluster crossways)

- yes
- no

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ADEXX
SEAR Befestigungstechnik

selection guide for systems with bracket arm

- **ST-A** - rigid lamp mounting system with bracket arm
- **KL-A** - hinged lamp mounting system with bracket arm *(illustration)*
- **AB-A** - telescoping lamp mounting system with bracket arm

length of bracket arm

- 1500mm / 58W *(illustration)*
- 1200mm / 36W
- 700mm / 18W

pole bending

- 135° *(illustration)*
- 110°

type and size of baluster

- round *(illustration)*

diameter dimension in mm
48,3 *(illustration)* ; 55; 60

- angled

side lenght in mm
40; 50; 55; 60; 65; 70; 75; 100

distance to handrail

- 50mm *(illustration)*

- 100mm (only for use for system assembly AB-A and ST-A)

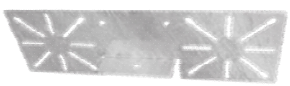
execution and kind of material

- hot-dip galvanized steel
- stainless steel V2A

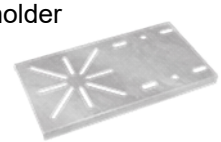
optional

- plate for single junction box *(illustration)*

- plate for double junction box



- junctionbox holder



knee point element

(necessary for assembling system AB-A and ST-A on baluster crossways)

- yes
- no

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System Overview

ADEXX SEAR Befestigungstechnik

brief description of the systems	luminaire mounting heights - LPH	system description	lenght of bracket arm/lamp carrier - none	pole tenon - 100mm (for pole mounted light fittings)	pole tenon - 400mm (for pole mounted light fittings)	lenght of bracket arm/lamp carrier - 400mm (for safety and orientation pictograms)	lenght of bracket arm/lamp carrier - 700mm	lenght of bracket arm/lamp carrier - 1200mm	lenght of bracket arm/lamp carrier - 1500mm	round baluster - Ø48,3mm	round baluster - Ø55,0mm	round baluster - Ø60,0mm
rigid system solution						**A/Q…**				**GR - …**		
rigid with bracket arm	2500mm	ST-A	00				07	12	15	48	55	60
rigid with lamp carrier	2200mm	ST-Q	00				07	12	15	48	55	60
rigid used for pictograms	2200mm	ST-P				04				48	55	60
rigid used for bracket horns	n.p.	ST-U						12	15	48	55	60
rigid used for spotlight holder	2200mm	ST-S	00							48	55	60
rigid used for swivel pole	2200mm	ST-W					07			48	55	60
rigid with pole tenon Ø 42mm	2500mm	ST-M		01	04					48	55	60
hinged system solution												
hinged with bracket arm	2500mm	KL-A	00				07	12	15	48	55	60
hinged with lamp carrier	2200mm	KL-Q	00				07	12	15	48	55	60
hinged used for spotlight holder	2200mm	KL-S	00							48	55	60
hinged used for pictograms	2200mm	KL-P				04				48	55	60
hinged with pole tenon Ø 42mm	2500mm	KL-M		01	04					48	55	60
telescoping system solution												
telescoping with bracket arm	2500mm	AB-A	00				07	12	15	48	55	60
telescoping with lamp carrier	2200mm	AB-Q	00				07	12	15	48	55	60
telescoping used for spotlight holder	2200mm	AB-S	00							48	55	60
telescoping used for pictograms	2200mm	AB-P				04				48	55	60

brief description of the systems	angled baluster - 40,0mm	angled baluster - 50,0mm	angled baluster - 55,0mm	angled baluster - 60,0mm	angled baluster - 65,0mm	angled baluster - 70,0mm	angled baluster - 75,0mm	angled baluster - 100,0mm	mounting directly to the wall	mounting directly to the steel beam	mounting directly to the baluster crossways (knee point and foot point elements)	distance to the handrail - 50mm	distance to the handrail - 100mm	without distance (only for C-rail for mounting directly to the wall or to the steel beam)	distance to the handrail - 80mm (only used for mounting on knee and foot point elemer
rigid system solution				**GW - …**					**WA -**	**HS -**	**KF -**		…		
rigid with bracket arm	40	50	55	60	65	70	75	10	48	48	27	5	1	0	8
rigid with lamp carrier	40	50	55	60	65	70	75	10			27	5	1		8
rigid used for pictograms	40	50	55	60	65	70	75	10			27	5	1		8
rigid used for bracket horns	40	50	55	60	65	70	75	10				5	1		
rigid used for spotlight holder	40	50	55	60	65	70	75	10			27	5	1		8
rigid used for swivel pole	40	50	55	60	65	70	75	10							
rigid with pole tenon Ø 42mm	40	50	55	60	65	70	75	10				5	1		
hinged system solution															
hinged with bracket arm	40	50	55	60	65	70	75	10				5			
hinged with lamp carrier	40	50	55	60	65	70	75	10				5			
hinged used for spotlight holder	40	50	55	60	65	70	75	10				5			
hinged used for pictograms	40	50	55	60	65	70	75	10				5			
hinged with pole tenon Ø 42mm	40	50	55	60	65	70	75	10				5			
telescoping system solution															
telescoping with bracket arm	40	50	55	60	65	70	75	10			27	5	1		8
telescoping with lamp carrier	40	50	55	60	65	70	75	10			27	5	1		8
telescoping used for spotlight holder	40	50	55	60	65	70	75	10							
telescoping used for pictograms	40	50	55	60	65	70	75	10							

brief description of the systems	lengh of the pole - 1000mm (for mounting systems on wall and steel beam)	lengh of the pole - 1300mm (for telescoping systems with spotlight holder)	lengh of the pole - 1500mm (for telescoping systems with lamp carrier)	lengh of the pole - 1600mm (for telescoping systems with lamp carrier with KF-mounti	lengh of the pole - 1900mm (for telescoping systems with bracket arm)	lengh of the pole - 2000mm (lighting pole and pole for bracket arm)	lengh of the pole - 2200mm (for hinged and rigid systems with lamp carrier 90° bent)	lengh of the pole - 2400mm (for swivel pole with 700mm bracket arm)	lengh of the pole for bracket horns - 370mm (downwards of handrail)	lengh of the pole for bracket horns - 410mm (downwards of handrail)	lengh of the pole for bracket horns - 600mm (upwards of handrail)	pole bending - 0°	pole bending - 90°	pole bending - 110°	pole bending - 135°	execution and kind of material in hot-dip galvanized steel	execution and kind of material in stainless steel V2A
rigid system solution	*(the length of the pole results from the system at the specified luminaire mounting heights) …*												…			**F/E**	
rigid with bracket arm	10					20								10	35	F	E
rigid with lamp carrier						20	22						90		35	F	E
rigid used for pictograms							22						90			F	E
rigid used for bracket horns									03	04	06		90			F	
rigid used for spotlight holder						20						00				F	E
rigid used for swivel pole								24					90			F	
rigid with pole tenon Ø 42mm						20								10	35	F	E
hinged system solution																	
hinged with bracket arm						20								10	35	F	E
hinged with lamp carrier						20	22						90		35	F	E
hinged used for spotlight holder						20						00				F	E
hinged used for pictograms							22						90			F	E
hinged with pole tenon Ø 42mm						20								10	35	F	E
telescoping system solution																	
telescoping with bracket arm					19									10	35	F	E
telescoping with lamp carrier			15	16									90		35	F	E
telescoping used for spotlight holder		13										00				F	E
telescoping used for pictograms					19								90			F	E

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