

Sistem PB-068

INSTALLATION MANUAL

Flat roof ($\alpha \leq 5^\circ$),
ballast system,
landscape modules layout
for 8 modules



Tools needed for installation

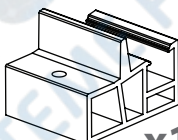


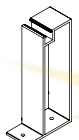
	size 6
	screwdriver

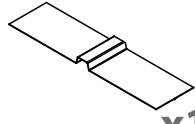
	size 10 mm
	screwdriver bits

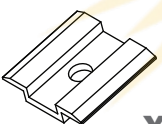
Elements

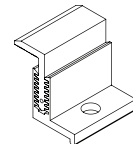
A		XPF_SM087
	x15	Lower rail aluminum

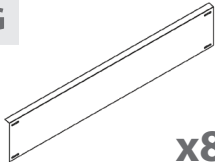
B		XPF_PB068.1
	x10	Lower fastening aluminum

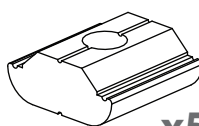
C		Y_PB068.01
	x10	Upper fastening aluminum

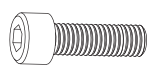
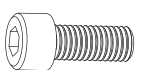
D		XPF_PB062.5
	x15	Ballast platform aluminum

E		
	x12	Mid clamp aluminum

F		
	x8	End clamp aluminum

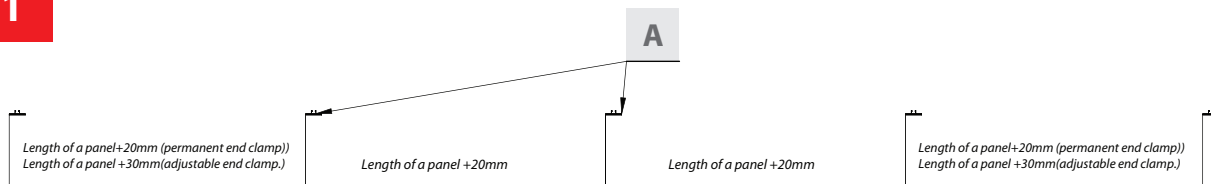
G		XPF_PB068.5
	x8	Windshield galvanized steel

H		M694
	x50	KLIC nut for rail aluminum

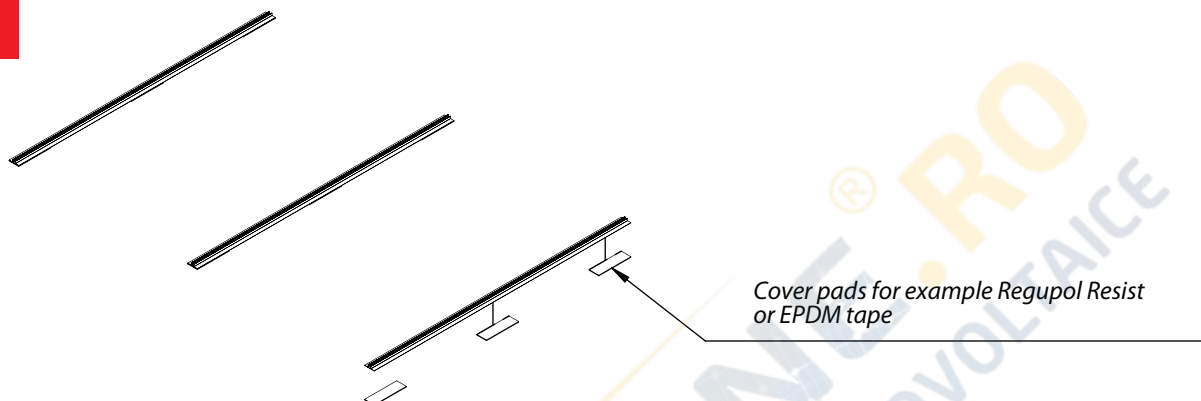
I		M681
	x22	M8x50 DIN 912 A2
J		M485
	x28	M8x20 DIN 912 A2
K		M889
	X20	M5,5x25

Installation

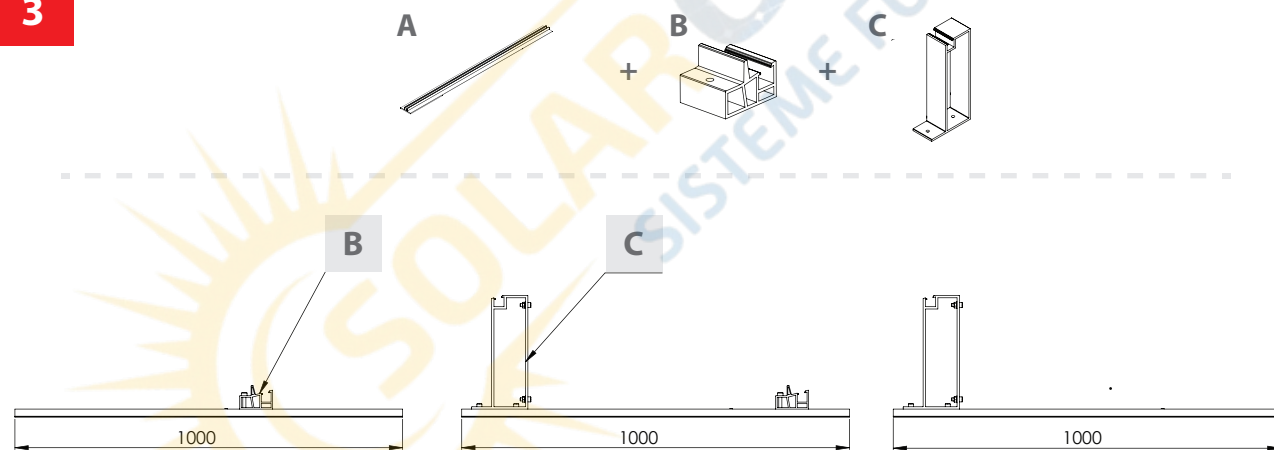
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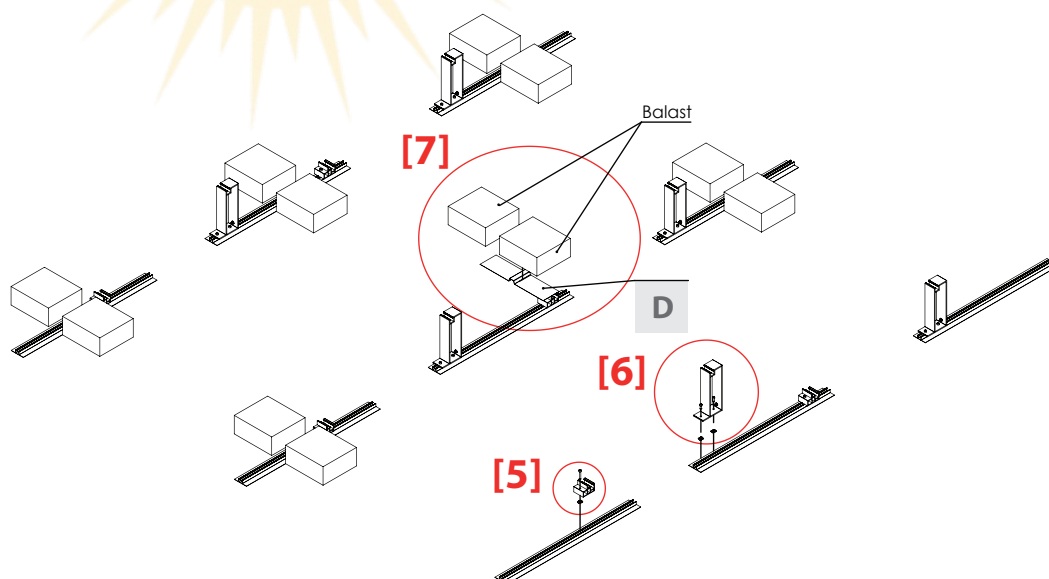
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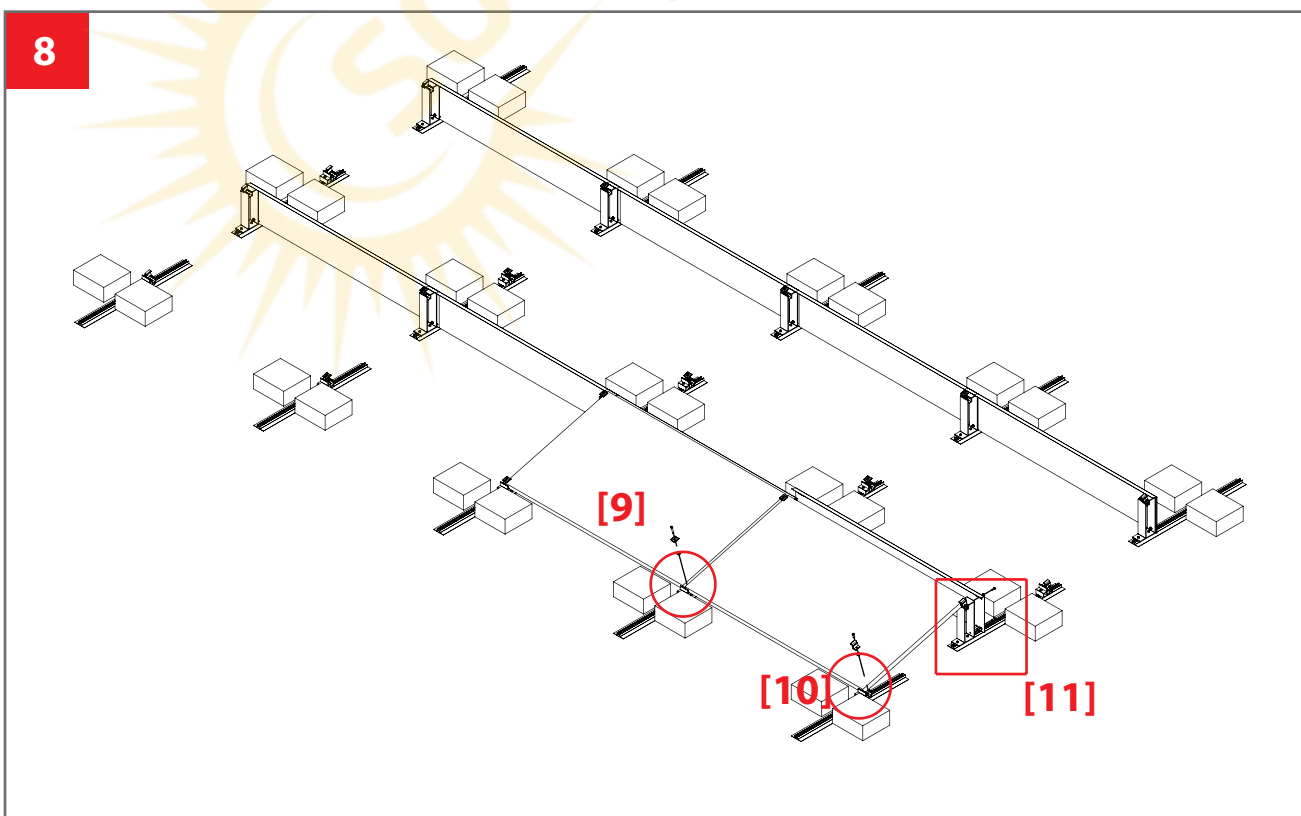
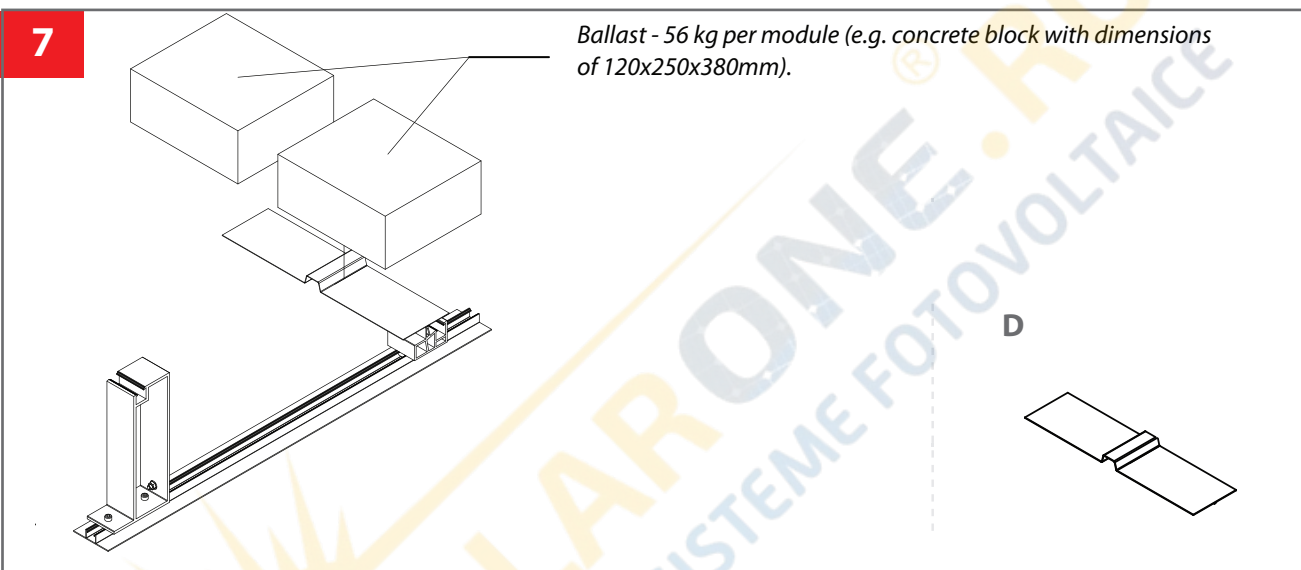
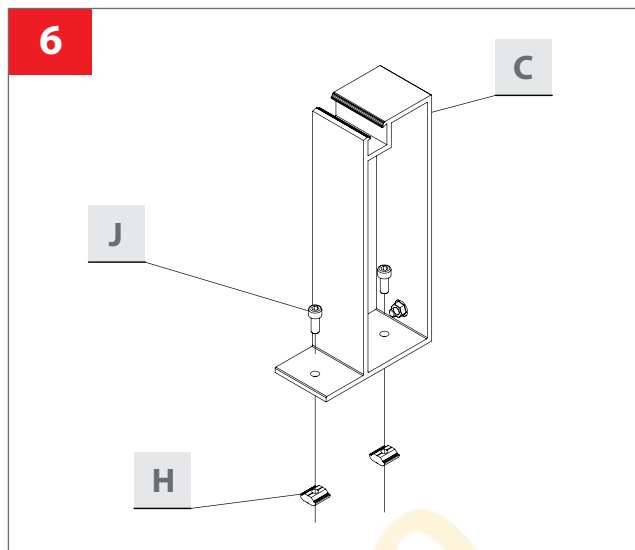
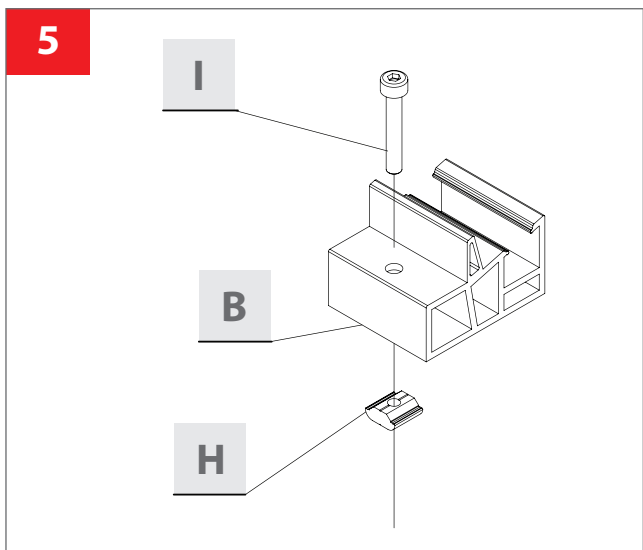


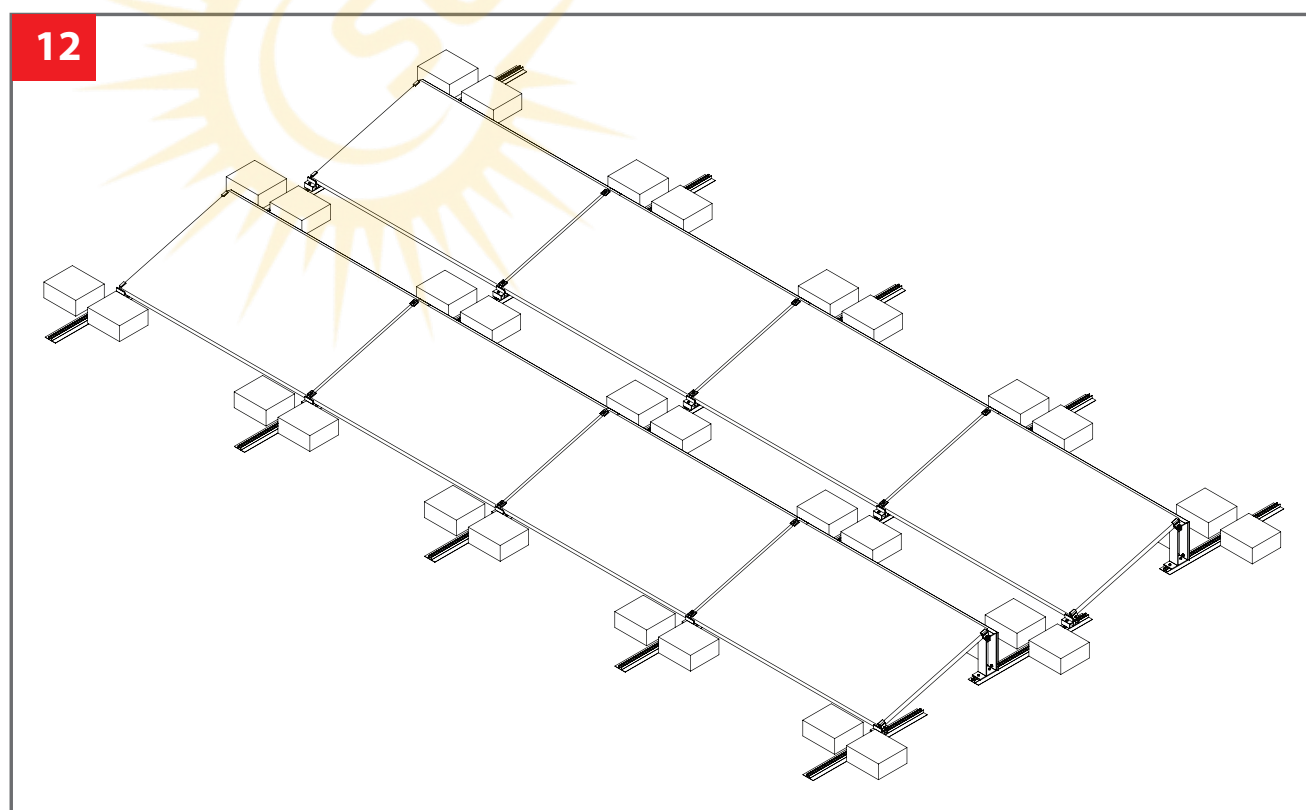
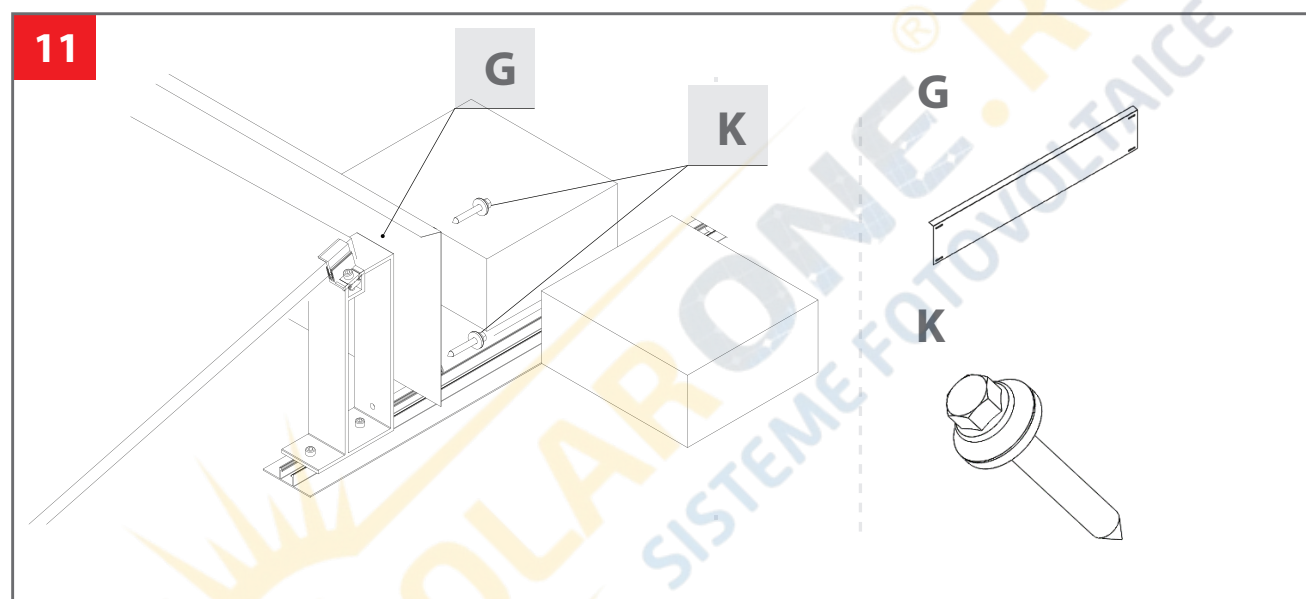
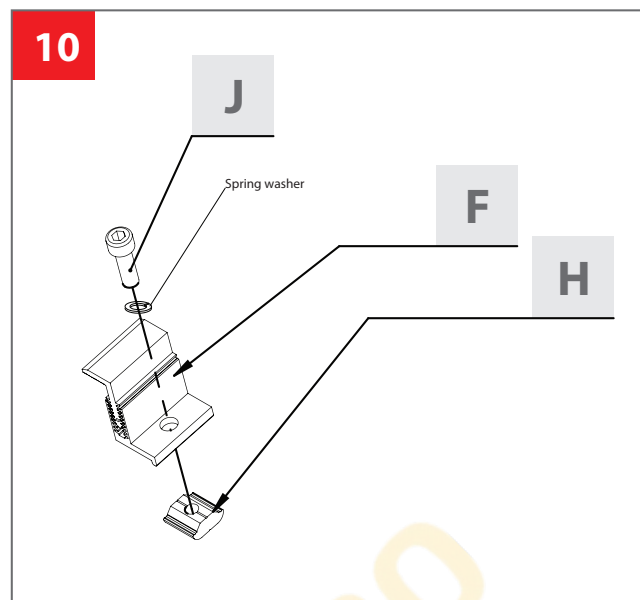
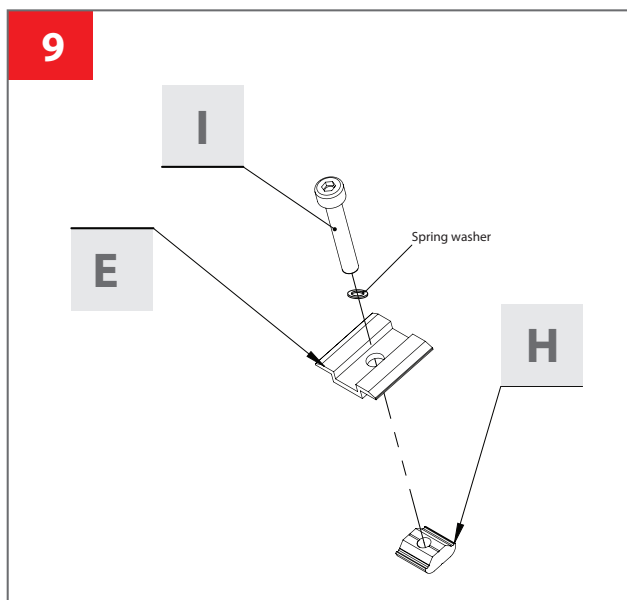
3



4







Annex: Minimal rates between the frames of the construction

Assumptions:

module: 1000x1670mm

roof inclination angle: 0°

panels deviated from the south orientation: max. +/- 10 degrees

screwed system	ballast
PI-017 - 1,7 m, 15° pion/vertical	PB-017 - 1,7 m, 15° pion/vertical
PI-027 - 2,8 m, 25° pion/vertical	PB-027 - 2,8 m, 25° pion/vertical
PI-037 - 3,76 m, 35° pion/vertical	PB-037 - 3,76 m, 35° pion/vertical
PI-018 - 1,02 m, 15° poziom/horizontal	PB-018 - 1,02 m, 15° poziom/horizontal
PI-028 - 1,66 m, 25° poziom/horizontal	PB-028 - 1,66 m, 25° poziom/horizontal
PI-038 - 2,25 m, 35° poziom/horizontal	PB-038 - 2,25 m, 35° poziom/horizontal
	PB-064 - 0,68 m, 10° AERO
	PB-068 - 1,02 m, 15° AERO

