

	Light Assembly Set	Light	Premium	Premium Winter
intended utilisation period	all year	all year	all year	Autumn, Winter, Spring
Statics				
Bearable snow load	up to 5 cm	up to 5 cm	up to 40 cm ¹	up to 40 cm ¹
Carries an infant up to 5 years (kg?)	Yes	Yes	Yes	Yes
Carries a pet or straying animals	Yes	Yes	Yes	Yes
Technical structure				
Material of the side wall	Polycarbonat ⁴	Polycarbonat ⁴	Aluminium ³	Aluminium ³
Material of the glass plate	Polycarbonat ⁴	Polycarbonat ⁴	Polycarbonat ⁴	Polycarbonat ⁴
Number of insulating chambers	1	1	4	4
Panel thickness	6 mm	6 mm	16 mm	16 mm
Materials used	Stainless steel, aluminum, polycarbonate	Stainless steel, aluminum, polycarbonate	Stainless steel, aluminum, polycarbonate	Stainless steel, aluminum, polycarbonate
Open / close	manually	manually	manually	manually
Element weight (pool width 3.50 m)	approx. 10 kg	approx. 10 kg	approx. 22 kg	approx. 20 kg
Characteristics				
Swimming without roofing	Yes	Yes	Yes	Yes
Swimming under enclosure	Yes	Yes	Yes	Yes
Pool access time	less than 5 seconds	less than 5 seconds	less than 5 seconds	less than 5 seconds
Possibility to remove canopy completely	Yes	Yes	Yes	Yes
Weight to lift during opening and closing	about 5 kg	about 5 kg	about 11 kg	about 10 kg
Guiding elements on the floor	No	No	No	No
Movable due to installed wheels	Yes	Yes	Yes	No
Thermal insulation				
thermal insulation	4.0 W / m ² K	4.0 W / m ² K	2.0 W / m ² K	2.0 W / m ² K
Uses solar radiation as heat source	Yes	Yes	Yes	Yes
Cooling caused by rainwater	No	No	No	No
Protection from evaporation	Yes	Yes	Yes	Yes
Pollution				
Foreign objects, dirt and small animal catcher material	plastic	plastic	plastic brush	No
Prevention of dirt, dust and leaves getting into the water	Yes	Yes	Yes	Yes
Potential pollution while opening	No	No	No	No
Displacement prevention				
Storm protection	3 levels	3 levels	4 levels	2 stages
Elements connectable to one unit	with screws	with screws	with stainless steel rope	with stainless steel rope
Anchoring in concrete foundation	Yes	Yes	Yes	Yes
Optics				
appealing overall appearance	Yes	Yes	Yes	Yes
extra elegant appearance through exact geometry	No	No	Yes	Yes
Possible sizes				
Max. pool width	4.05 meters	4.05 meters	12 meters	12 meters
Pool length	unlimited	unlimited	unlimited	unlimited
Graduation of the length	1.06 meters	1.06 meters	20 cm	20 cm
crow height at a 3.50 meters pool width	43 cm	43 cm	43 cm	43 cm
Adjustable to pool width	yes, in 50 cm steps	yes, in 50 cm steps	yes, freely definable	yes, freely definable
Crown height freely selectable	No	No	yes, smallest height 30 cm	yes, smallest height 30 cm
Applicable for round pools	Yes	Yes	Yes	Yes
Applicable for rectangular pools	Yes	Yes	Yes	Yes
Applicable for octagon pools	Yes	Yes	Yes	Yes
Roman / Greek stairs long and short side	only short side	only short side	Yes	Yes
Lifespan of product				
Weather resistant, can be used for many years	Yes	Yes	Yes	Yes
Damage by hail warranty	up to 10 years	up to 10 years	up to 10 years	up to 10 years

¹ at a span of 3.89 m ² pool width 3.00 m and smaller with adaptation ³ stand surfaces: signs of use occur during use ⁴ production-related optical irregularities can not be excluded