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Satellights.01
Product Specification

Interactive, modern, sustainable, and unique on the market - this are our new Satellights!
Red, green, or blue – which game shall we play today? Whether your testing reactions agility, or endurance – with Satellights.01, you can have a playful challenge and lots of fun alone or with friends!
The straight Terranos posts make Satellights.01 a universal add-on element for various play equipment and combinations. They require a relatively small footprint and are perfect for placement in small urban areas, pedestrian zones, or shopping malls.

Due to the patented Charlotte-Connector, the end of the rope disappears into the bottom (buried) tube, through which the cables connect the play elements to the generator.

The Satellights do not need an external power supply.

Satellights.01

90.340.127

	Product Family	HodgePodge
	Length × Width × Height (m)	3,3 × 0,3 × 3,2
	Length × Width × Height ('-")	10-7 × 0-11 × 10-4
	Protective Surfacing Area acc. to DIN EN 1176 (m)	6,3 × 3,3
	Protective Surfacing Area acc. to ASTM/CSA (m)	6,9 × 3,9
	Protective Surfacing Area acc. to ASTM/CSA ('-")	22-7 × 12-9
	Fall Height acc. to EN 1176 (m)	1,22
	Fall Height acc. to ASTM/CSA ('-")	4-1
	Age	2-12
	Minimum Space required acc. to DIN EN 1176 (m²)	17,8
	Minimum Space required acc. to ASTM 1487 (ft²)	252,6
	Number of Foundations	5
	Concrete Volume C20/C25 (m³)	1,3
	Concrete Volume C20/C25 (ft³)	45,2
	Number of skilled Installers required	2
	Installation Time without Foundation	4-5 hours
	Dimensions of largest Part (m)	4,1 × 0,2 × 0,2
	Dimensions of largest Part ('-")	13-6 × 0-8 × 0-8
	Weight of heaviest Part (kg)	90
	Weight of heaviest Part (lbs)	200
	Shipping Volume (m³)	2
	Shipping Volume (ft³)	71
	Total Weight (kg)	410
	Total Weight (lbs)	910
	Spare Part Guarantee	Lifelong

The dimensions of the equipment and protective surfacing area have been rounded up to one decimal digit.

1:200

Technical Data

Technical changes are reserved.
The following text can also be used for tenders.

Posts:
Terranos®- steel pipes Ø 133 mm (5 1/4"), wall thickness 7,1 mm (9/32") with a round cast aluminum post top. Anti-corrosion treatment and color finish: sandblasting and solvent-free epoxy-/ polyester-process.
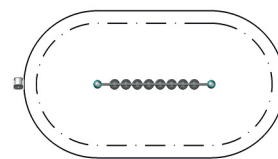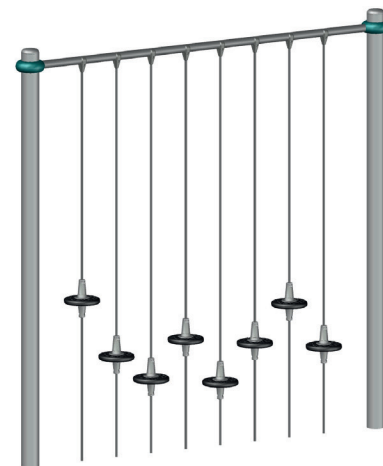
Terranos®- Clamps:
Two-part cast aluminum connecting clamps for the height-adjustable connection of rope elements or steel pipes to Terranos®- steel posts. Anti-corrosion treatment and color finish: sandblasting and solvent-free epoxy-/ polyester-process.

Ropes:
U-Rope®-round strand rope with strand cores and rope core made of galvanized wires. Outer strands covered with highly abrasion-resistant and high-UV-resistant polyester yarn (no polypropylene), Ø 18 mm. Low voltage for operating the Satellights runs through internal insulated steel strands and powers the LED lighting integrated into the discs.

Discs' Materials:
Satellites made of natural rubber and stainless steel turned parts.

Buried Tube:
The generated energy runs from the generator through several power cables inside a buried steel pipe to the corresponding ropes. Using the patented Charlotte Connector, the rope end is tensioned and anchored inside the buried steel tube.

Generator Console:
Base of the console: Steel
Front side of the bracket: Steel, powder-coated and designed with sublimation printing on polyurethane base.
Rotating wheel: Steel with polyurethane powder coating.

Computer Specifications:
The mini-computer contains a microchip board, 12V, compliant with RoHS and European standards. The computer has a USB port for programming new content, time lock, software, or collecting user data. The computer has a volume switch.

Technical Details of Electronic Components:
1. 12V low-speed generator.
2. Mini-computer with integrated software and pre-programmed games.
3. Satellite lighting: High-performance RGB LEDs encapsulated in polyurethane resin.
4. Satellite activation: Pressure-sensitive piezo switches.
5. Time lock to prevent noise disturbance (programmable).
6. Speaker (Mylar diaphragm / moisture-protected, IP65).
7. Temperature range of electronic components: -25 to 70 degrees Celsius.
8. Maximum noise level < 80 dB to prevent hearing damage.