Please refer to PART 1: VORTEX GENERAL CLAUSES for all Play Product construction and installation information.

1. Play Product Specifications:
   1. Play Product Structure:VOR 7061 is a configuration in circle of eight (8) Lumiflow modules (VOR-7059) made of 304/304L stainless steel with an outside diameter of 10.75” inches (273 mm) and a wall thickness of 0.188” inches (4.8 mm) for the enclosure. The Lumiflow shall consist of a ring LED Light with 6 ft of power cable, a cover with draining opening, a nozzle, submersible junction box a housing and cable gland. The ring LED shall be 3x 7.5W type high power LED RGB-in one. The ring LED shall be constructed of 18-8 stainless steel and bronze casting, the lens is made of Optical Clear 0.5’’ inch (12 mm) Polycarbonate plastic. The inside LED power cable shall be 108’’ (2.7 m) with 5 conductor SOOW Cable AWG 16-5. The power requirement for the ring LED has to be 12 VAC. All the connections are made inside the junction box and need to respect the National Electrical Code requirements. For cable gage in between the junction box and the controller please refer to the installation drawing. The brass spray cap shall be threaded into the stainless steel spray head housing using a tamper-resistant tool. A polymer winter cap shall be included. The top cover shall have a painting finish with an anti-skid finish. The anchoring system shall have an integrated leveling system facilitating installation. The module VOR-7059 must not be used in pool or underwater application (permanently submerged).
   2. Overall play product dimensions**:** The overall height of the Play Product shall be 0" (0 cm) above ground. The overall height of the Lumiflow module shall be no less than 13.5” (34.3 cm).  
      Overall circle shape dimensions shall be a diameter of 180” (457 cm).
   3. Play Product Interactivity: The Play Product shall create a visual display composed of illuminated water columns. CoreoPlay™ Rainbow is a circle shape feature producing bursting water effects in a Vibrant color mood. VOR 7061 includes a predesigned water and light play choreography programmed for Vortex’s MaestroPro™ controller. This predesigned sequence is engineered and tested by play experts in our state-of-the-art water lab. The Play Product’s choreography is created by a thoughtful design process combining the water jet layout, color scheme, and light and color timing.
   4. Hydraulic Activity/Components: Each spray cap shall have 10 spray holes of 0.125’’ (3 mm) projecting a soft water column effect.
   5. Hydraulic Requirements:The hydraulic requirements shall be per module 4-6 gpm (15-23 lpm) @ 3-5psi (0.2-0.4bar), reach a recommended height of 4ft (122 cm).   
      Overall hydraulic requirements for entire item 32-48 gpm (121-182 lpm) @ 3-5psi (0.2-0.4bar).   
      Water management requirements for pre-set choregraphy: regular valves.