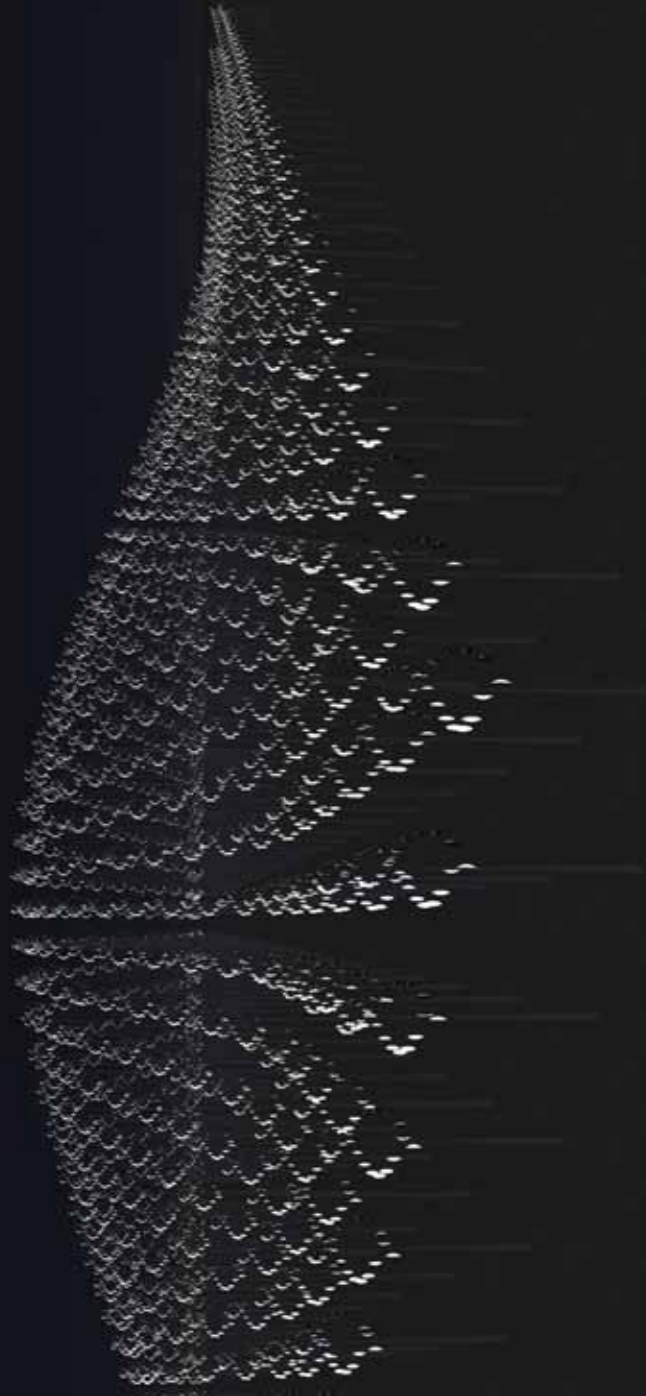


FOREST OF WIND

LAND ART GENERATOR INITIATIVE UAE COMPETITION 2010



A SINGLE MODULE OF "FOREST OF WIND" (DURING THE DAY, THE EXPRESSION OF THE - INCLUDING THEM TO BE SPINNING AND GLITTERING, IT HAS NOT YET SEEN THE VIDEO ATTACHMENT.)
SITUE ABU DHABI IS ABLE TO ACCOMMODATE UP TO 8 MODULES OF "FOREST OF WIND". EACH BEING ABLE TO BE ADDED IN PHASES. EACH MODULE CAN HAVE A DENSITY RANGE OF 1069 TO 4356 TREES. WITH EACH TREE BEING ABLE TO PRODUCE UP TO 4KW, EACH MODULE WILL BE CAPABLE OF PRODUCING 18MU OF ENERGY. THE MAXIMUM 8 MODULES IN THE SITE WILL BE ABLE TO PRODUCE 14.4MU TO SUPPORT SOME 8,000 HOUSEHOLDS WHILE GLITTERING BEAUTIFULLY ON THE SITE LIKE DUNES OF DIAMONDS.

3 MODULES OF "FOREST OF WIND" IN THE NIGHT (DURING THE NIGHT, THE EXPRESSION OF THE - INCLUDING THEM TO BE SPINNING AND GLITTERING, IT HAS NOT YET SEEN THE VIDEO ATTACHMENT.)
SITUATED NEAR THE WATER BODYS IN ABU DHABI SITE, THE MOVEMENT OF LITED WINDMILLS IS REFLECTED ON THE WATER HORIZON. THE LANDART WILL GLITTERS IN THE WIND IN THE DUNE-LIKE FORM AS IT HOVERS GRACEFULLY AND EVER SO LIGHTLY OVER THE WATERS.

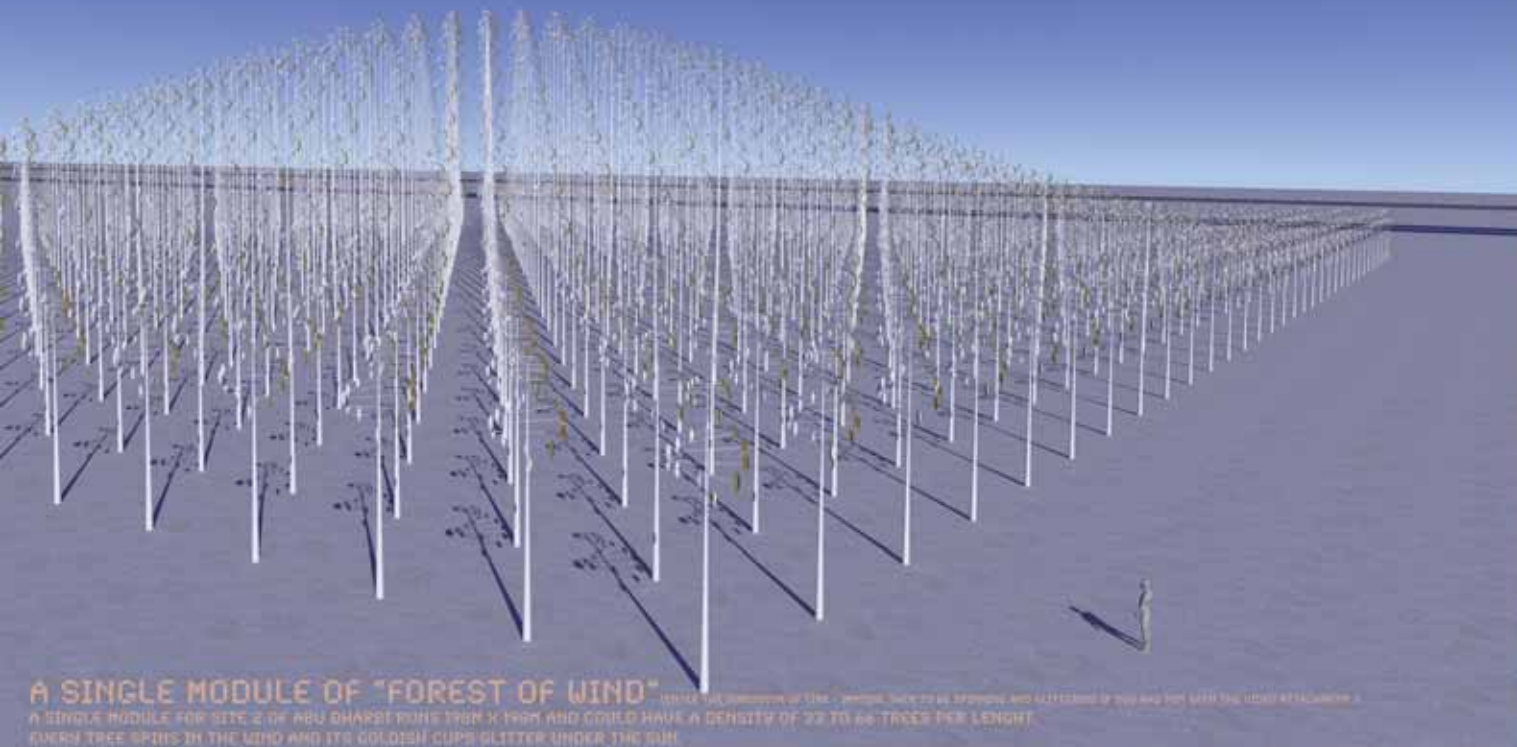
THE IDEA OF THE LANDART PROPOSAL WAS TO EXPERIMENT WITH THE POETRY OF MAKING VISIBLE THE UNSEEN / UNCOMMONLY SEEN OCCURENCES.

TO BE ABLE TO "SEE" WIND BY DAY VIA THE WINDMILL KINETIC MOVEMENT. TO BE ABLE TO "SEE" WIND BY NIGHT VIA THE LITED SPINNING CUPS. TO BE ABLE TO "SEE A DENSE FOREST" OF "TREES" IN A DESERT CLIMATE. TO BE ABLE TO "SEE SAND DUNES" ON A RELATIVELY FLAT BELIEF SITE.

THE LANDART ATTEMPTS TO "DE-MATERIALISE" THE DUNE TO CREATE POSSIBLE EVENT SPACES DURING THE DAY AND NIGHT.

DURING THE DAY, LIGHT CARVASES CAN BE CREATIVELY STRETCH ACROSS ITS LATERAL TIE CABLES TO FORM SHADES WHILE DURING THE NIGHT, THE PUBLIC WILL EXPERIENCE BEING CLOTHED UNDER A BLANKET OF GLITTERING STARS.

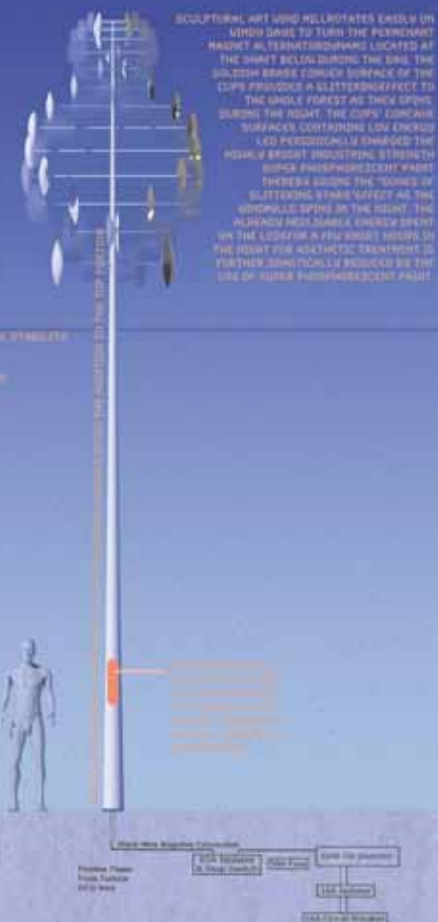




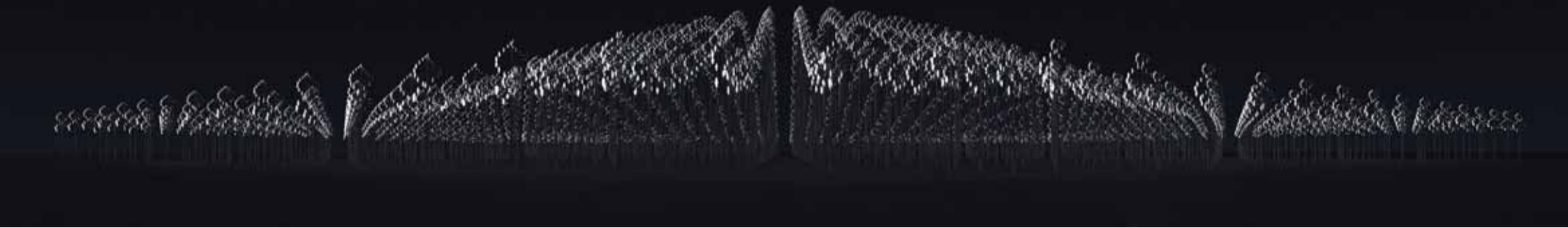
A SINGLE MODULE OF "FOREST OF WIND" (ENTER THE DIMENSION OF TIME - IMAGINE THEM TO BE SPRING AND GLITTERING IF YOU HAD NOT SEEN THE UDED ATTACHMENT.)
 A SINGLE MODULE FOR SITE 2 OF ABU DHABI RUMI FROM X 190M AND COULD HAVE A DENSITY OF 22 TO 66 TREES PER LENGTH. EVERY TREE SPINS IN THE WIND AND ITS GOLDISH CUPS GLITTER UNDER THE SUN.

WIND SPEED AS LITTLE AS 3.9M/S IS ABLE TO CHARGE THE TURBINE. A WIND SPEED OF 8M/S IS ABLE TO PRODUCE 40W OF ENERGY OR ONLY 40W LONG OF WINDMILL "TREE". WHILE THE LED WILL ONLY NEED 14W AT NIGHTTIME.
 THE REST OF THE 40W WILL BE DISTRIBUTED TO THE GRID. SOURCE: DE TURBINE MANUFACTURER.

THIS CAN BE 20 TALLER "TREE" FOR LATERAL STABILITY. RECOMMEND TO USING THESE ONLY IN 100M TOWER. TO PROTECT THE CUPS FROM THE WIND. TO BE USED IN WINDMILL "TREE".



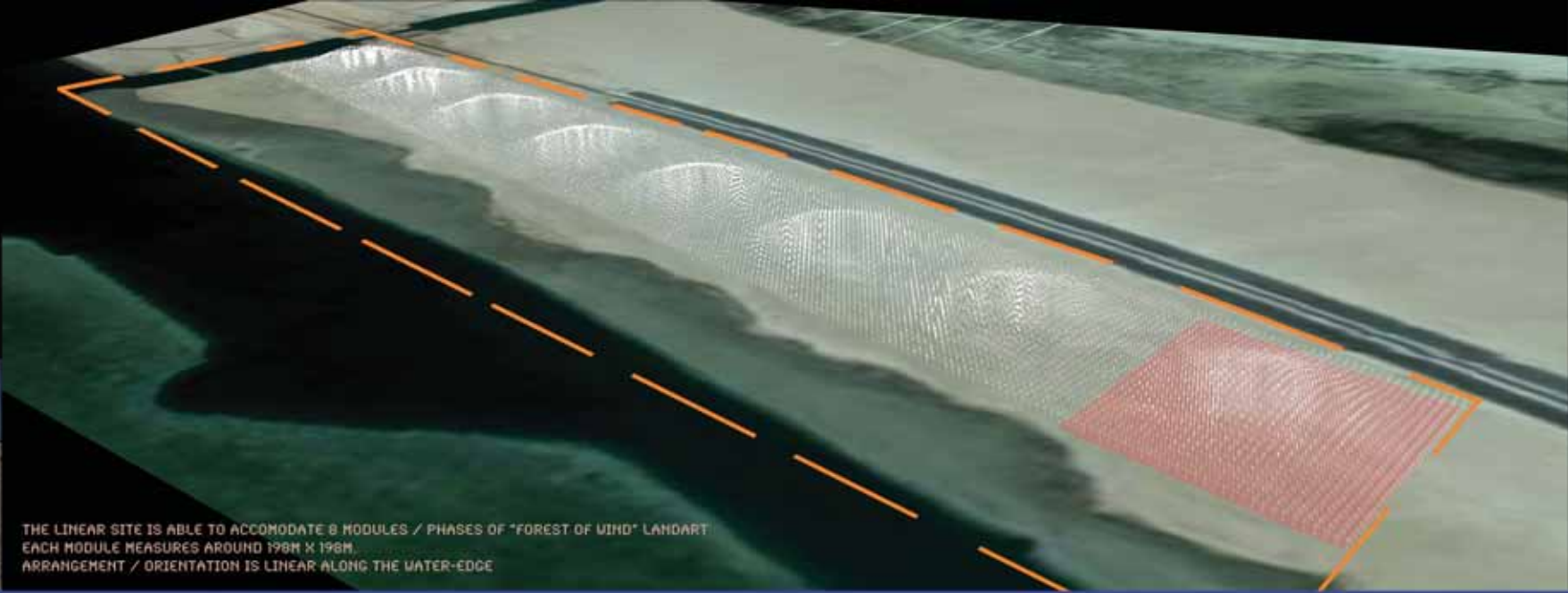
"FOREST OF WIND" IN THE NIGHT (ENTER THE DIMENSION OF TIME - IMAGINE THEM TO BE SPRING AND GLITTERING IF YOU HAD NOT SEEN THE UDED ATTACHMENT.)
 DURING THE NIGHT, THE CUPS' CONCAVE SURFACES CONTAINING LOW ENERGY 0.5W LEDS PERIODICALLY CHARGED THE HIGHLY BRIGHT INDUSTRIAL STRENGTH SUPER PHOSPHORESCENT PAINT THEREBY GIVING THE "DUNES OF GLITTERING STARS" EFFECT AS TREES SPIN. THE ALREADY NEGLIGIBLE ENERGY SPENT ON THE LED FOR A FEW SHORT HOURS IN THE NIGHT FOR AESTHETIC TREATMENT IS FURTHER REDUCED BY THE USE OF SUPER PHOSPHORESCENT PAINT.



SITE:

LOCATED ON A STRETCH OF WATERFRONT OFF THE ROAD THAT CONNECTS HAS ISLAND TO SAADIYAT ISLAND, THE SITE IS MOSTLY DEVOID OF VEGETATION AND CONSISTS OF WHITE SANDY SOIL.

THE SITE IS RELATIVELY FLAT AND UNOBSTRUCTED FOR A VAST EXPANSE AND HAS AN AVERAGE WINDSPEED OF 11KNOTS (7-8KM/S APPROX) WHICH CAN BE SUITABLE FOR THE INCLUSION OF WINDTURBINES.



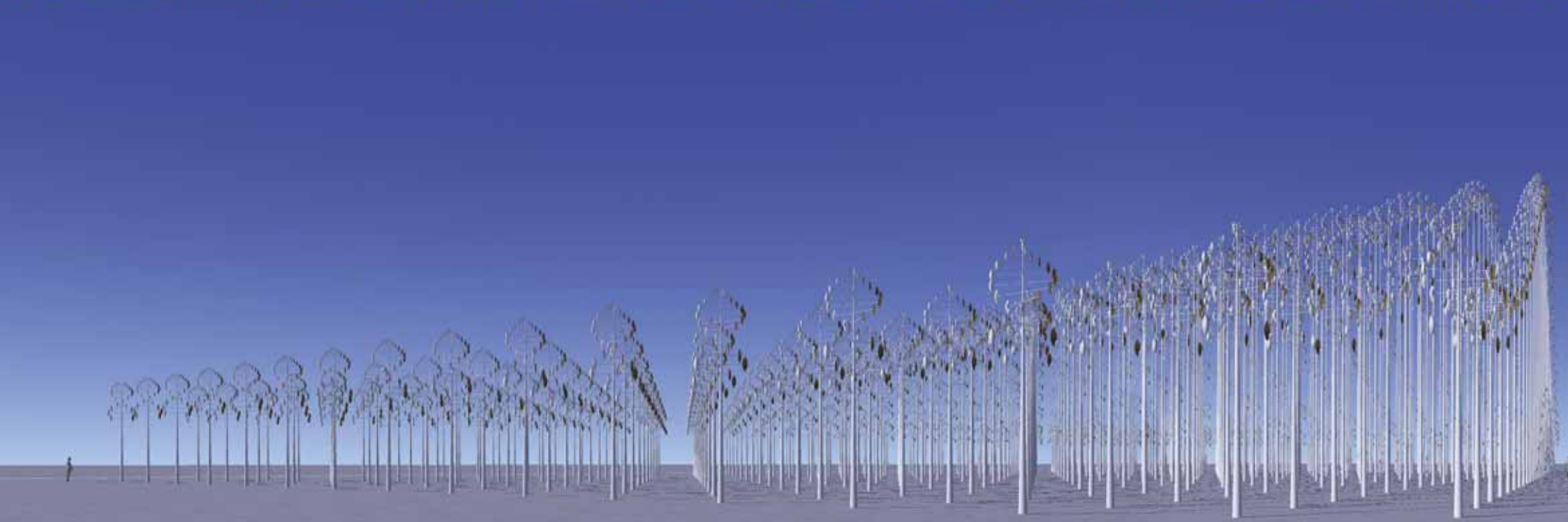
THE LINEAR SITE IS ABLE TO ACCOMODATE 8 MODULES / PHASES OF "FOREST OF WIND" LANDART
EACH MODULE MEASURES AROUND 198M X 198M.
ARRANGEMENT / ORIENTATION IS LINEAR ALONG THE WATER-EDGE



PANAROMA AT EYE LEVEL OF SINGLE MODULE OF "FOREST OF WIND"

(IMAGINE THEM TO BE SPINNING AND CLITTERING IF YOU HAD NOT SEEN THE VIDEO ATTACHMENT)

TWO DIMENSIONS OF TIME AND SPACE IN TERMS OF VISUAL MOVEMENTS ARE AT WORK HERE AS ONE PASSES BY THE LANDART. - 1) THE GRID ARRANGEMENT OF THE TREES' TRUNK WILL "FLUTTERS" ACROSS WHILE, 2) THE SPINNING WINDMILLS WITH REFLECTIVE CUPS WILL CLITTERS



CREATIVE ENERGY EFFICIENT LIGHTING COMBO LED+ SUPER PHOSPHORESCENT PAINT

SUPER PHOSPHORESCENT PAINT IS STILL AN EXTREMELY BRIGHT GLOW IN THE DARK PAINT. IT IS 5 TIMES BRIGHTER THAN THE POPULAR GREEN ZINC-BASED GLOW IN THE DARK PRODUCTS AVAILABLE IN MOST DEPARTMENT STORES. TECHNICALLY, IT WILL CONTINUE TO GLOW FOR DAYS. AFTER A 10 MINUTE CHARGE FROM 1000LX. IT WILL HAVE A GLOW OF APPROXIMATELY 1000MCD/M2 FOR THE NEXT 10MIN.

THEREFORE, IN WORKING WITH A LED BY ALTERNATING EVERY 10MINUTES, THE LANDART NOT ONLY SAVES ON ENERGY BUT HAS A PLEASANT LIGHT "CHANGE" DISPLAY QUALITY.



(DATA FOR SUPER PHOSPHORESCENT PAINT FROM USA SUPPLIER)

8 MODULES OF "FOREST OF WIND" BY THE WATERS

IMAGINE EVENTS AND ACTIVITIES BEING HELD UNDER THESE "DUNES OF DAZZLING STARS" AT NIGHT BY THE WATERS!
DURING THE DAY, LIGHT FABRICS COULD ALSO BE SPREAD ACROSS THE LATERAL CABLES AS SHADES AND ACTIVITIES COULD SIMILIARLY BE HOST BESIDE THE WATERS ON SUITABLE DAYS.

(IMAGINE THEM TO BE SPINNING AND GLITTERING IF YOU HAD NOT SEEN THE VIDEO ATTACHMENT.)

PANAROMA AT EYE LEVEL OF SINGLE MODULE OF "FOREST OF WIND"

TWO DIMENSIONS OF TIME AND SPACE IN TERMS OF VISUAL MOVEMENTS ARE AT WORK HERE AS ONE PASSES BY THE LANDART. - 1) THE GRID ARRANGEMENT OF THE TREES' TRUNK WILL "FLUTTERS" ACROSS WHILE, 2) THE SPINNING WINDMILLS WITH REFLECTIVE CUPS WILL GLITTERS

