

SOLAR ECLIPSE

THE ROBERT BRUCE THOMPSON ANNUAL STUDENT LIGHT FIXTURE DESIGN COMPETITION 2010

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CONCEPT:

THE CONCEPT FOR THE PORCH LIGHT FIXTURE DESIGN IS A SOLAR ECLIPSE. ENERGY EFFICIENT FLEXIBLE OLED PANELS ARE HOUSED INSIDE OF A WATERPROOF TEMPERED GLASS CASE WITH TWO RECYCLED STAINLESS STEEL SHADES. A STATIONARY SHADE AND AN ADJUSTABLE SHADE CHANGE THE ANGLE OF THE LIGHT TO MIMICK THE STAGES OF A SOLAR ECLIPSE. THE STATIONARY SHADE WILL ALLOW THE LIGHT TO BE ANGLED FOR ENTRY WAY ILLUMINATION WITHOUT GLARE AND MINIMAL LIGHT POLLUTION. THE ADJUSTABLE SHADE CAN BE ROTATED FOR DIFFERENT CONFIGURATIONS TO ALLOW FOR FACIAL RECOGNITION AND ILLUMINATION OF HOUSE NUMBER OR OTHER FEATURES ON THE EXTERIOR OF THE HOME.

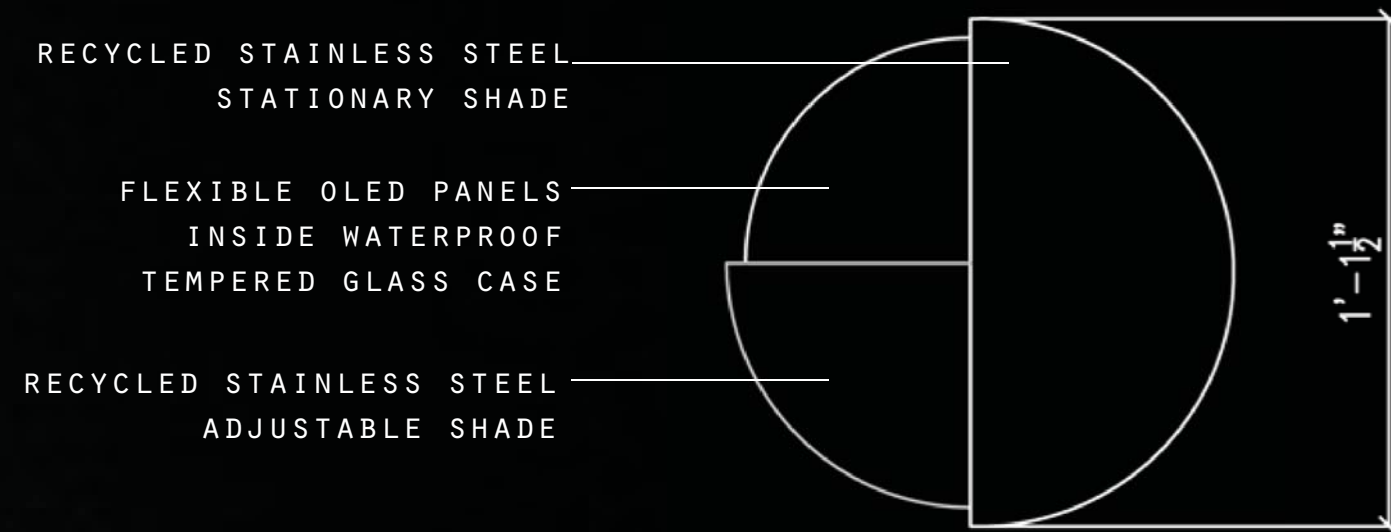
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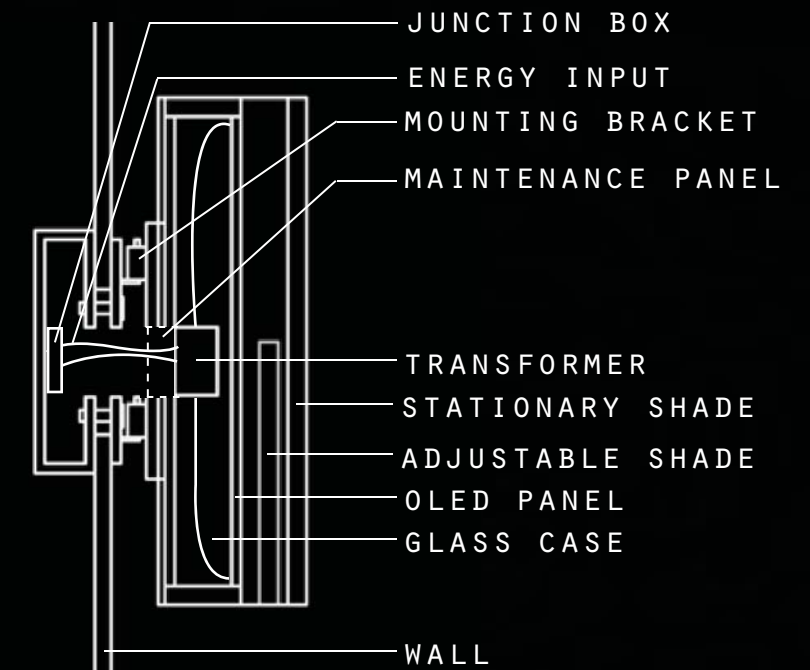
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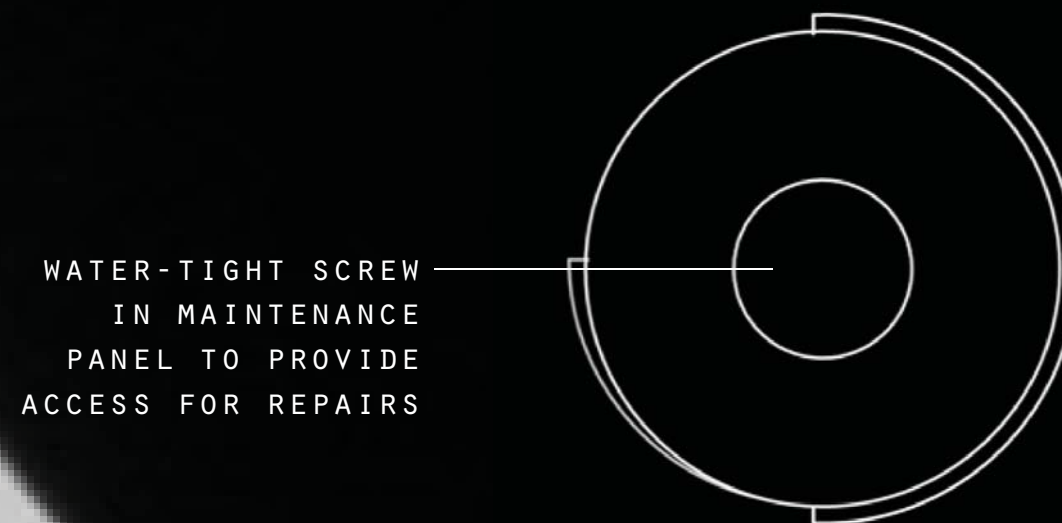
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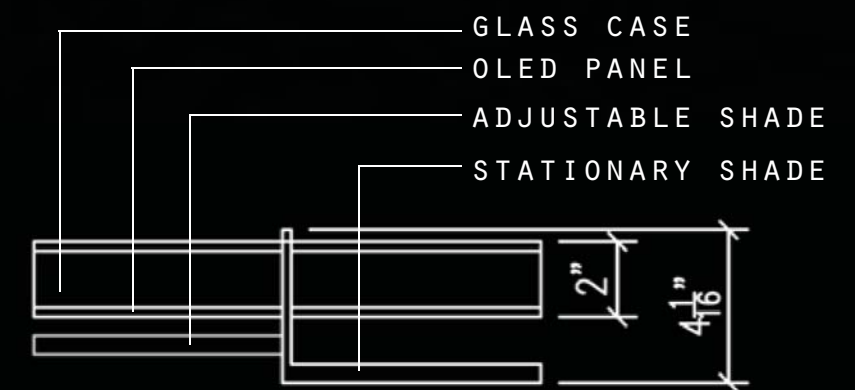
FRONT ELEVATION



SECTION



BACK ELEVATION



PLAN

MATERIALS:

- ENERGY EFFICIENT,
FLEXIBLE OLED PANELS
- WATERPROOF TEMPERED GLASS CASE
- RECYCLED STAINLESS STEEL SHADES

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FUNCTIONS:

- TWO SHADES TO ANGLE THE LIGHT
- STATIONARY SEMICIRCLE SHADE CAN FACE THE DOOR AND ALLOW LIGHT TO ILLUMINATE THE ENTRY WAY
- ADJUSTABLE QUARTER SHADE CAN BE ROTATED OR REMOVED TO PROVIDE ILLUMINATION ON THE HOUSE ADDRESS OR ANY OTHER FEATURE.

