

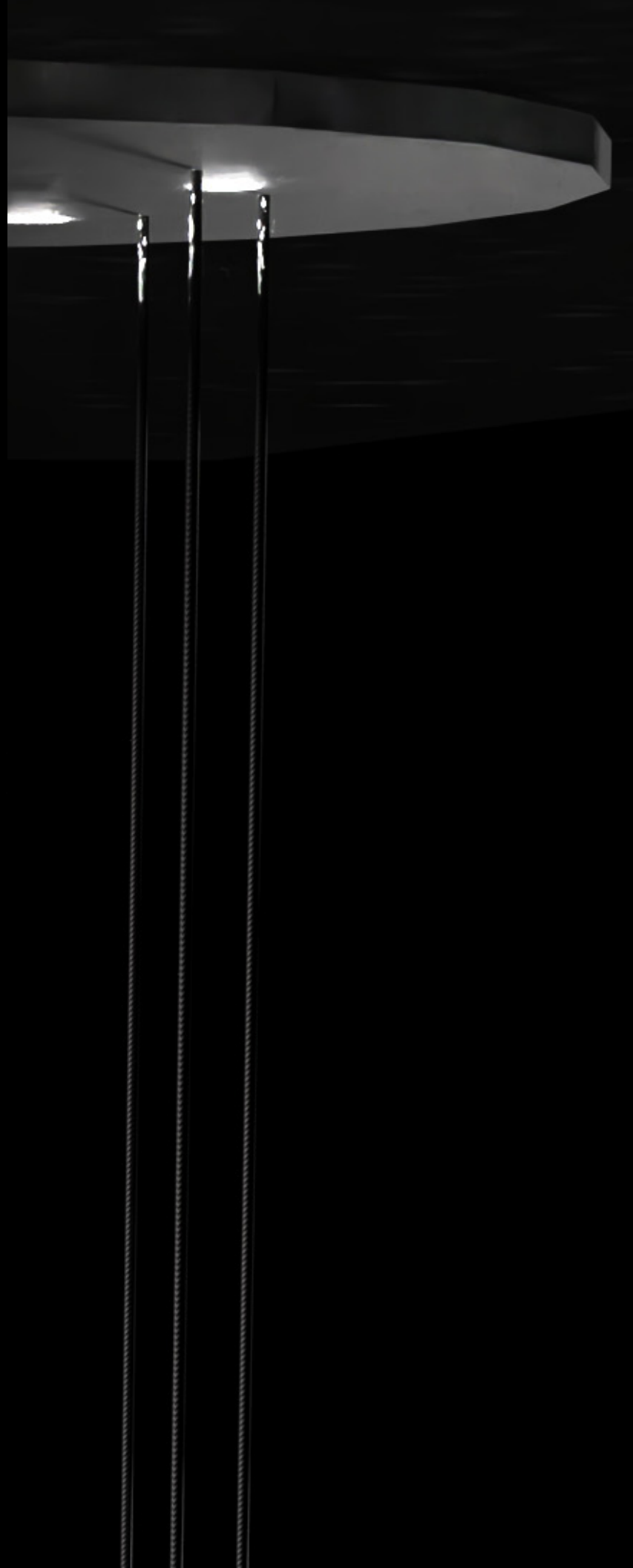


FLUX

a luminaire by McGuire Hill

Flux works to curate the ample atmosphere for lively contemporary discourse achieved through its playful yet refined visual language developed through unique design and fabrication Flux seeks to provide a functionally beautiful object in public & commercial spaces







Flux is comprised of nine 3" sand cast aluminum light refactors which are suspended from varying lengths of 1/16" braided cable. The refactor orbs are fastened using a 0-80 1/16" set screw. The braided cable is then attached to the 8" dia aluminum top plate and held in place with 1/16" ball stops. Five 3/16" dia tube stock cut to 1/2" lengths conceal the G-4 bi-pin bulb

Sand cast 60/61 alloy aluminum
refactor form

3D & resin printed form to
create negative

All refactors were cast
individually

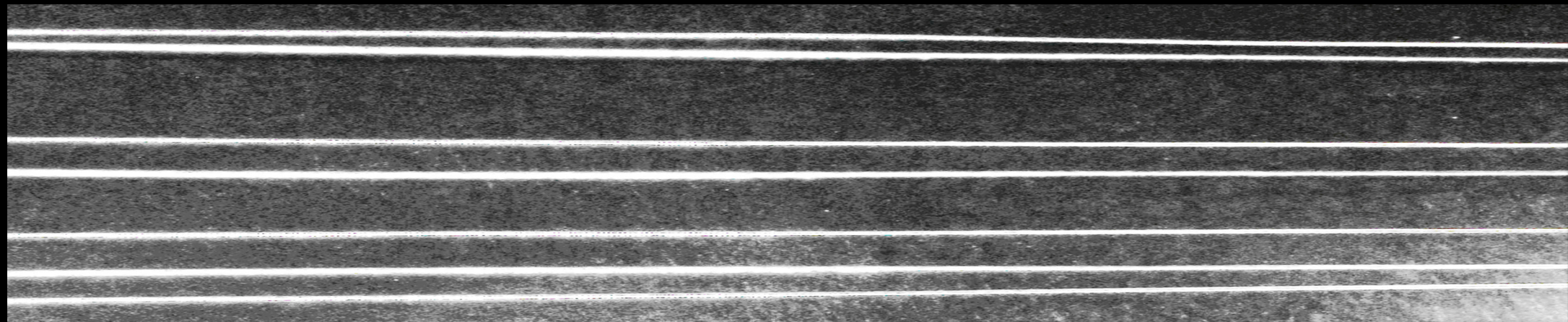
Using resin bonded sand and
an oxy-cetylen torch

Refactor forms were finished
through a process of file work

Hand sanded and polished with
an aluminum based compound

Special jigs were modeled and
3d printed in order to allow for
vertical and horizontal
references edges









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Flux; an exploration in process. Blending craft and industry to produce functional beauty. Flux was fabricated using a variety of both industrial and craft processes to achieve a uniquely created, and simultaneously repeatable product.

The nine light refractors, suspended by 1/16" braided cable, were created through a process of sand casting, refinement shaping, and machine work.

The creation of Flux reflects on the two unique and complex worlds of craft and design.

The result, a beautiful refraction of the world I experience,

FLUX