

建筑探访指数 - 光之家

总分：4.5/5.0 (亚利桑那州沙漠边界的重塑光影之巢)

1. 打破闭塞的内向型空间重组：这是一座坐落于美国亚利桑那州图森市山麓的私人住宅，面积约三百三十平方米。它原本是一栋建于上世纪六十年代、向内封闭的现代主义砖石老宅。由于其私宅属性，普通访客无法入内参观。亚利桑那州本土建筑团队接手后，以“光”为唯一线索，极其大胆地拆除了支撑原屋顶中段的四根承重砖柱。这一极具魄力的结构减法彻底解放了原本压抑的室内空间，创造出了一个犹如悬浮于沙漠之上的开阔起居场域，让周遭山脉的壮阔景致得以毫无保留地涌入室内。

2. 粗犷与细腻交织的物质建构：在重塑宏大空间尺度的同时，建筑师展现了极其细腻的材料控制力。手工涂抹的石灰粉刷墙面、纹理温润的木皮橱柜，与原建筑保留下来的粗粝混凝土和土坯骨架形成了充满张力的戏剧冲突。这种新旧交织的内敛材料体系，巧妙地化解了沙漠环境的严酷感。而磨砂玻璃隔屏的介入，更是将刺眼的烈日转化为柔和的漫射光，在室内交织出一段关于时间与光影的现象学叙事。

3. 向地景延伸的室外边界消融：这不仅是一次室内的翻新，更是一次建筑与索诺兰沙漠景观的深度缝合。原有的室外空间被彻底重构，新建的无边际泳池成为了视觉的延伸锚点，将一池碧水与远方山脉的天际线完美衔接。由室内门槛层叠而下的混凝土阶梯，如同

一座面向荒野的露天看台，将原始粗犷的沙漠全景成功转译为日常生活触手可及的壮美幕布。

探访建议

- **推荐方式:** 极力推荐你通过专业建筑摄影去捕捉这座住宅的光影特质。将视觉焦点投向起居室内那个仿佛摆脱了重力束缚的悬浮天花板，以及无边际泳池如何将建筑的水平线条消融于广袤的沙漠地平线之中，体察设计团队“改造胜于拆除”的可持续建构智慧。
- **核心看点:** 研读建筑师在“结构减法”与“光线引入”之间的精密推敲。看他们是如何通过精准剥离多余的结构构件，让原本隔绝自然的中世纪老宅，重新在亚利桑那州的艳阳下获得了呼吸感与在地感。
- **场域周边学术探访推荐:** 既然你将目光聚焦在亚利桑那州的图森市，强烈建议你在未来的行程中规划前往仙人掌国家公园。在解读了光之家如何用微观尺度的建筑语言回应沙漠气候后，去实地感受索诺兰沙漠那令人敬畏的巨型仙人掌群落与最纯粹的北美荒野力量。

一句话总结: 它以极具魄力的结构减法与细腻的材料重组，在亚利桑那州的荒野边缘，将一座封闭的六十年代老宅转译为向沙漠与光线彻底敞开的现象学栖居地。

Architectural Visit Index - Casa Luce

Total Score: 4.5/5.0 (A Reshaped Nest of Light and Shadow on the Edge of the Arizona Desert)

1. Reorganization of an Introverted Space Breaking

Enclosure: Located in the foothills of Tucson, Arizona, United States, this is a private residence covering approximately 330 square meters. It was originally an introverted, enclosed mid-century modern masonry home built in the 1960s. Due to its status as a private residence, it is not open to general visitors. Guided solely by the concept of "light," the local Arizona architectural team took the exceptionally bold step of removing the four load-bearing masonry piers that previously supported the center of the roof. This audacious structural subtraction completely liberated the formerly oppressive interior, creating an expansive living realm that seems to hover above the desert, allowing the magnificent views of the surrounding mountains to flood the interior without reservation.

2. Material Tectonics Interweaving Ruggedness and

Delicacy: While reshaping the grand spatial scale, the architects demonstrated highly nuanced material control.

Hand-troweled lime plaster walls and warm-textured wood veneer cabinetry form a tension-filled, dramatic contrast with the rugged concrete and adobe skeleton retained from the original building. This restrained material system, intertwining the old and new, cleverly mitigates the harshness of the desert environment. The introduction of frosted glass screens transforms the glaring sun into soft, diffused light, weaving a phenomenological narrative of time and shadow within the interior.

3. Dissolving Outdoor Boundaries Extending into the

Landscape: This is not merely an interior renovation, but a deep suturing of the architecture with the Sonoran Desert landscape. The original outdoor spaces were thoroughly reconfigured; a newly constructed infinity pool serves as an anchor for visual extension, perfectly merging its waters with the distant mountain skyline. The concrete steps cascading from the interior threshold act as an open-air amphitheater facing the wilderness, successfully translating the raw, rugged desert panorama into a magnificent backdrop accessible to everyday life.

Visit Recommendation

- **Best Approach:** It is highly recommended that you rely on professional architectural photography to capture the light and shadow qualities of this residence. Direct your visual focus to the seemingly gravity-defying suspended ceiling in the living room, and observe how the infinity pool dissolves the building's horizontal lines into the vast desert horizon, appreciating the design team's sustainable tectonic wisdom that "transformation is better than demolition."
- **Core Highlights:** Study the architects' precise calculations between "structural subtraction" and "light introduction." Observe how, by accurately stripping away superfluous structural components, they allowed an isolated mid-century old house to breathe and regain its sense of place under the bright Arizona sun.
- **Surrounding Academic Context Visit:** Since you are focusing on Tucson, Arizona, it is strongly advised to plan a trip to Saguaro National Park in your future itinerary. After deciphering how Casa Luce responds to the desert climate with micro-scale architectural language, go and experience firsthand the awe-inspiring

giant saguaro forests and the purest North American wilderness of the Sonoran Desert.

One-Sentence Summary: Through audacious structural subtraction and delicate material reassembly, it translates an enclosed 1960s house on the edge of the Arizona wilderness into a phenomenological dwelling utterly open to the desert and light.