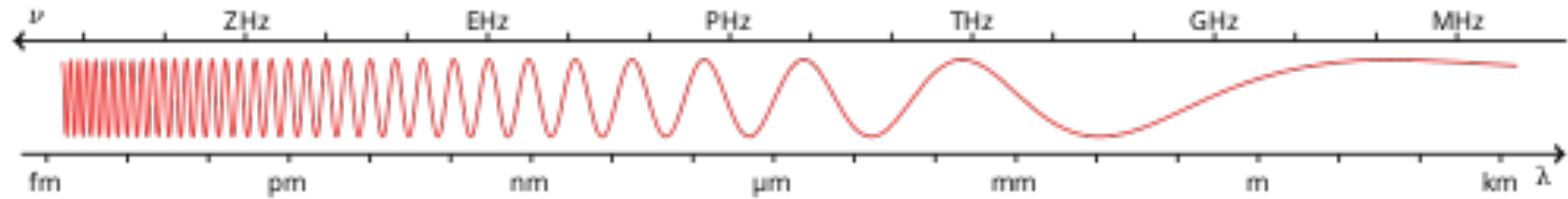


16

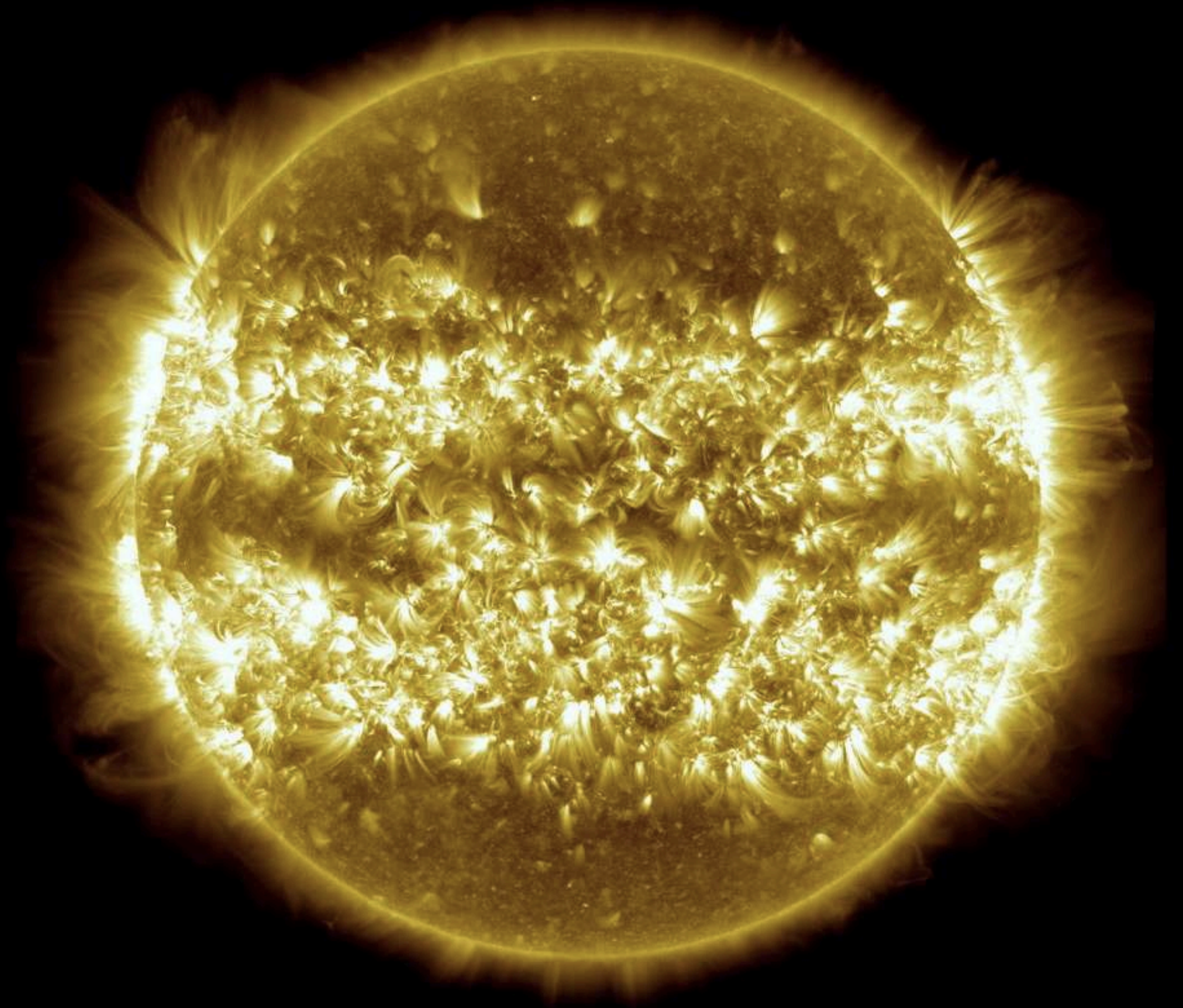
LUZ: Conceito e Importância

Raios gama · Raios X · Ultravioleta · Espectro visível · Infravermelho · Raios T · Micro-onda · Rádio



← menor comprimento de onda maior comprimento de onda →

Sol



Temperatura de cor

Tipo de Luzes	Temperatura de Cor em Kelvin (K)
Chama da Vela	1000 a 2000
Luz de Casa	2500 a 3500
Nascer e Pôr do Sol	3000 a 4000
Luz do Sol e Flash	5000 a 6000
Sol do Meio Dia e Céu Claro	6000 a 6500
Dia Nublado e Sombras	6500 a 8000
Anoitecer	9000 a 10000

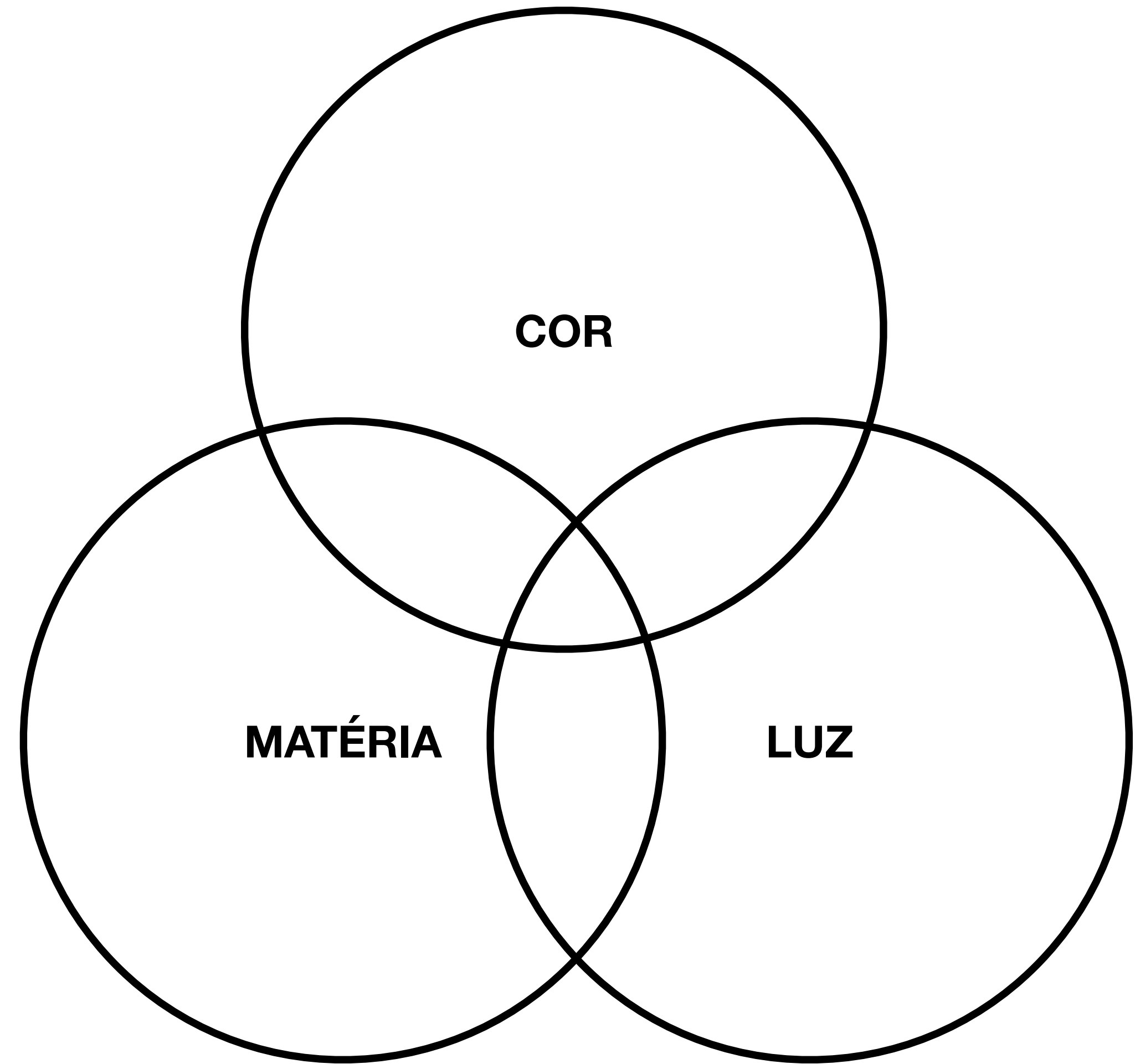


IRC - Índice de reprodução de cor





ESPAÇO



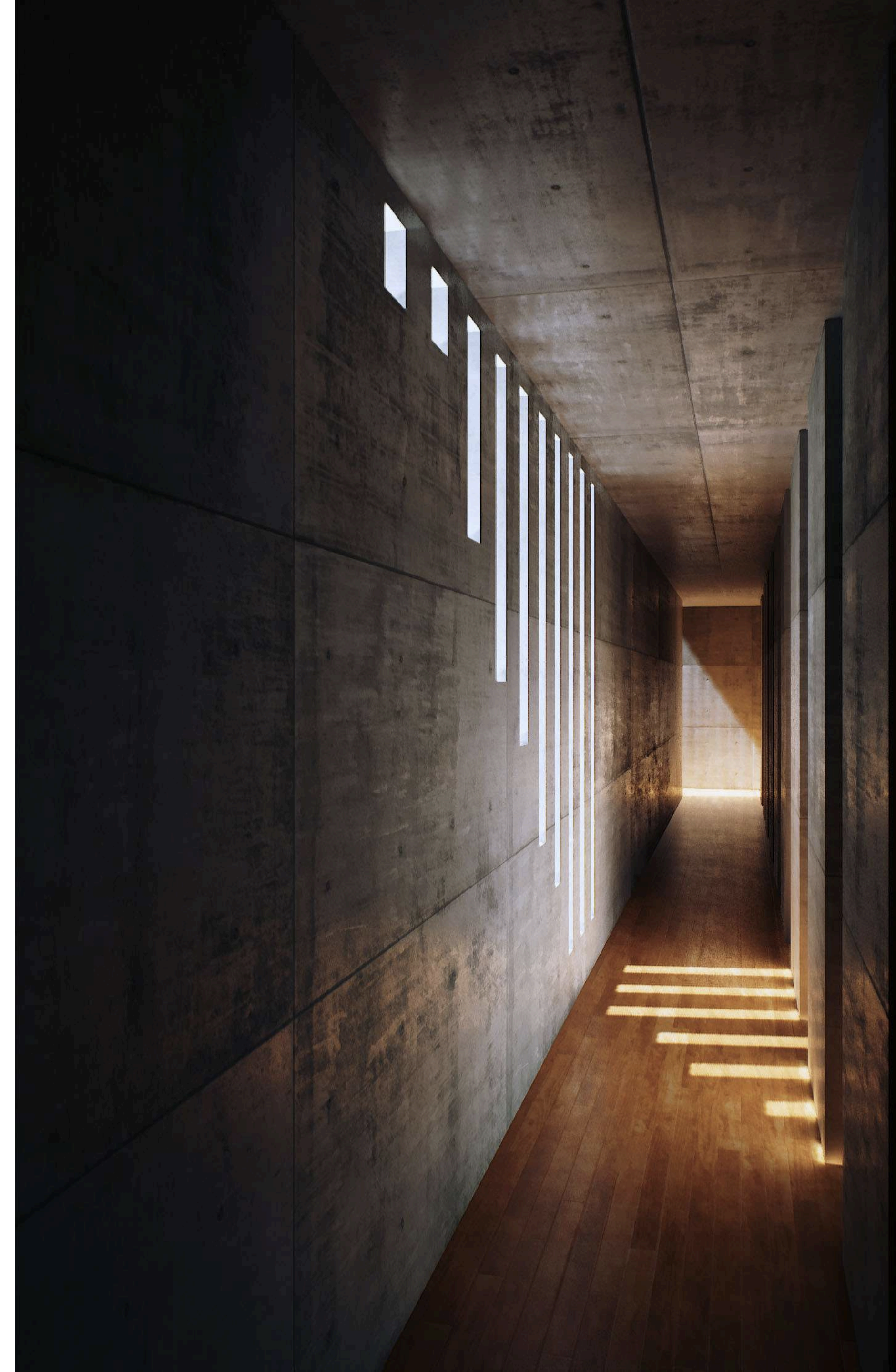
Sensações



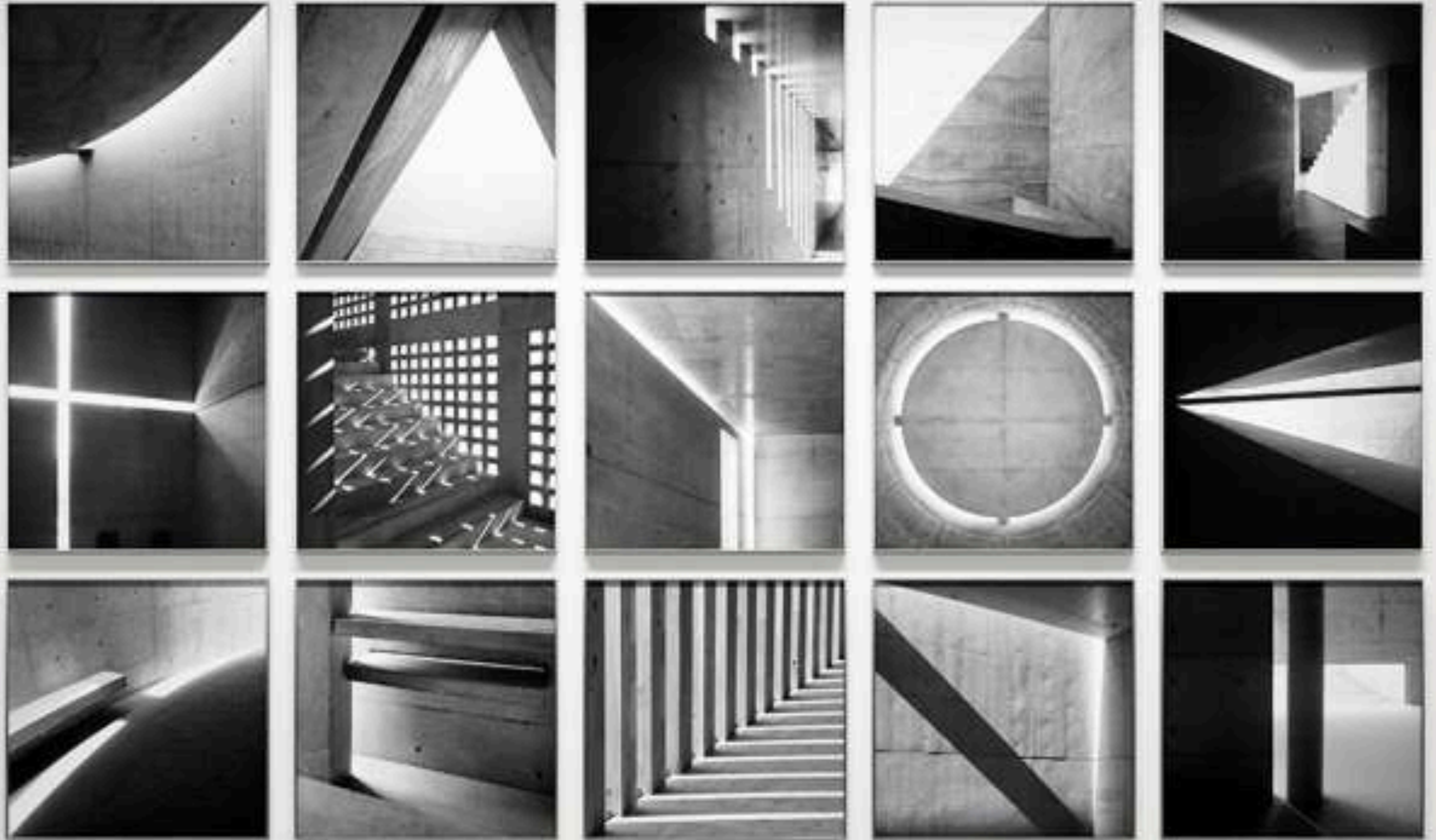
Luz natural







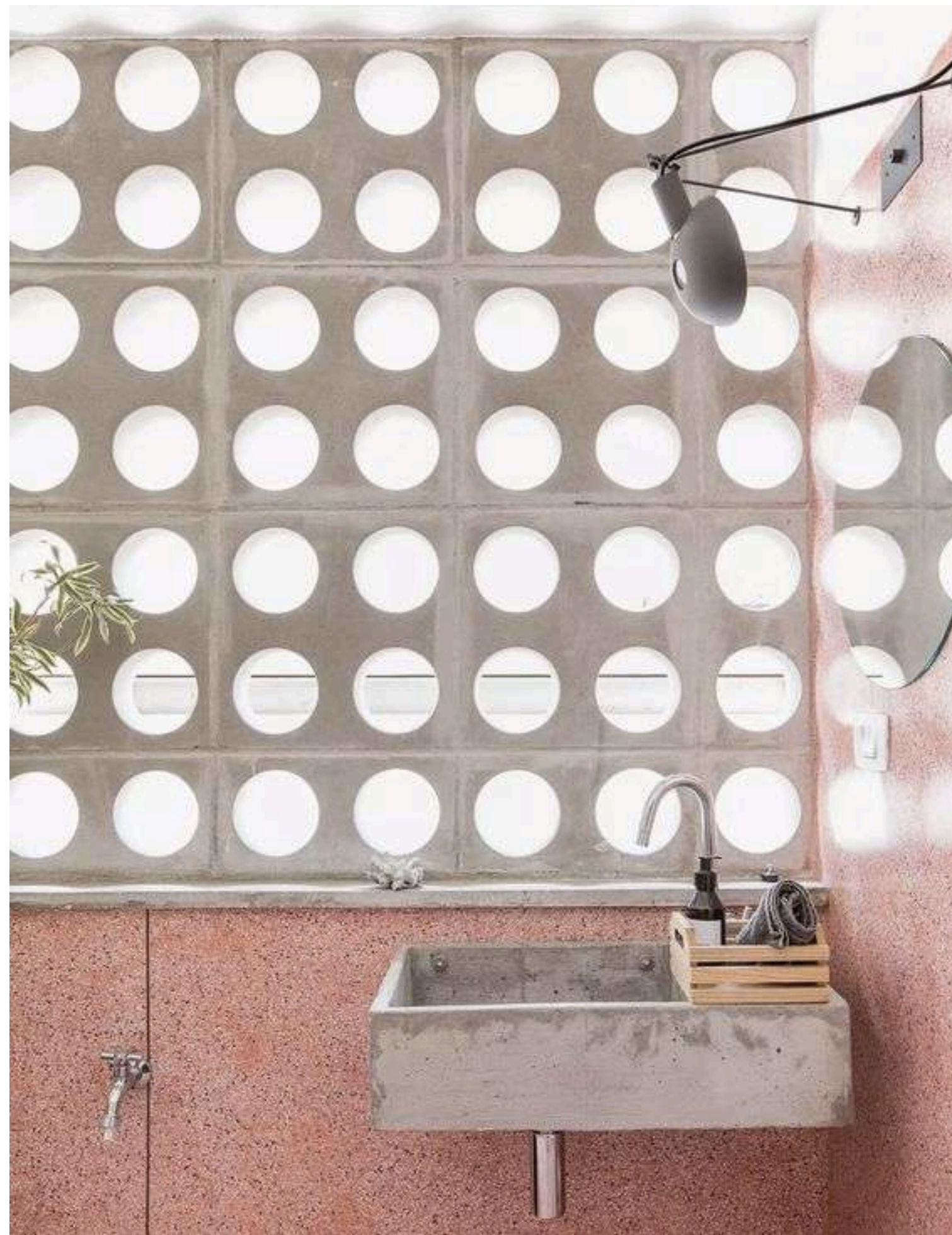


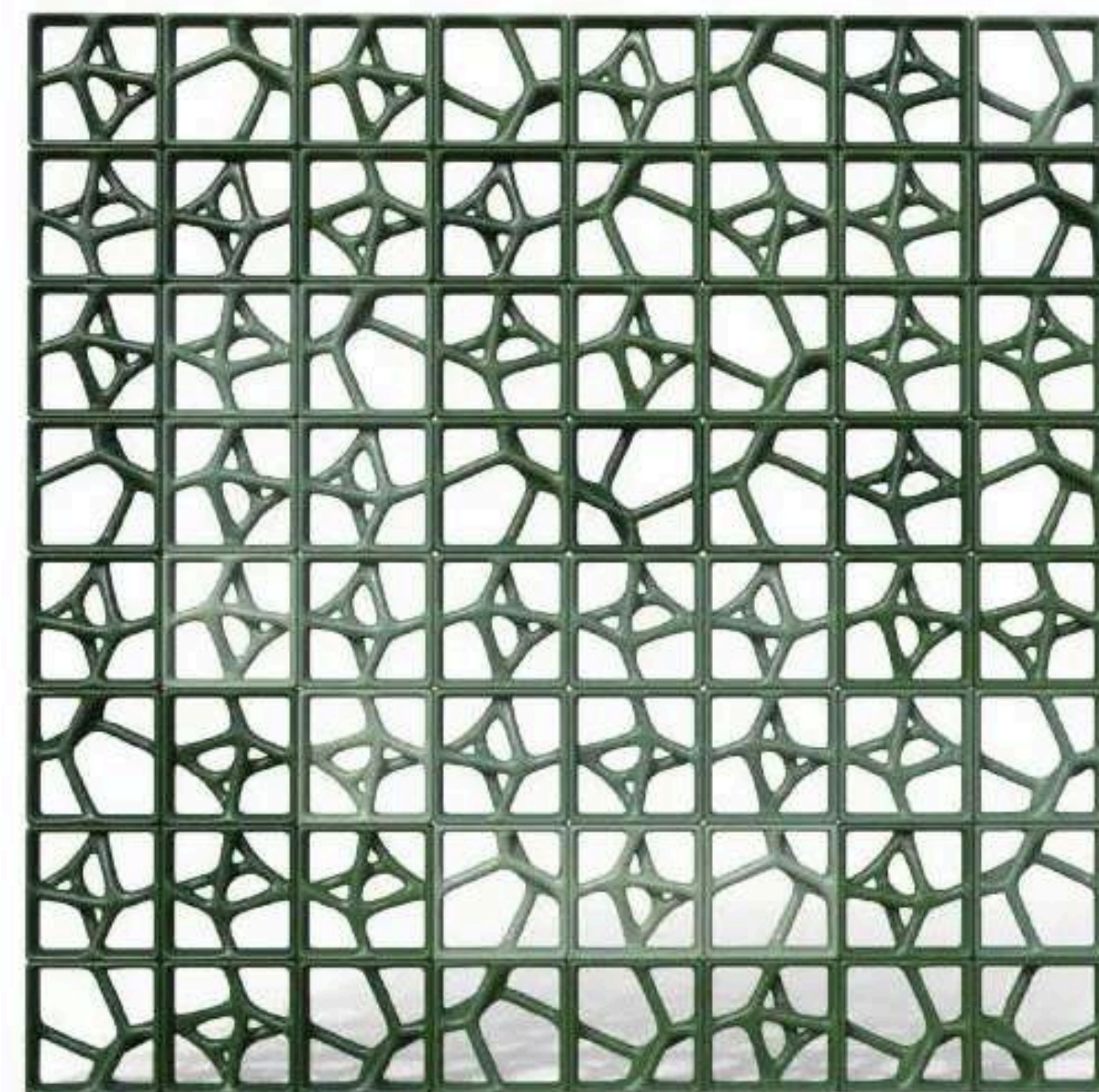
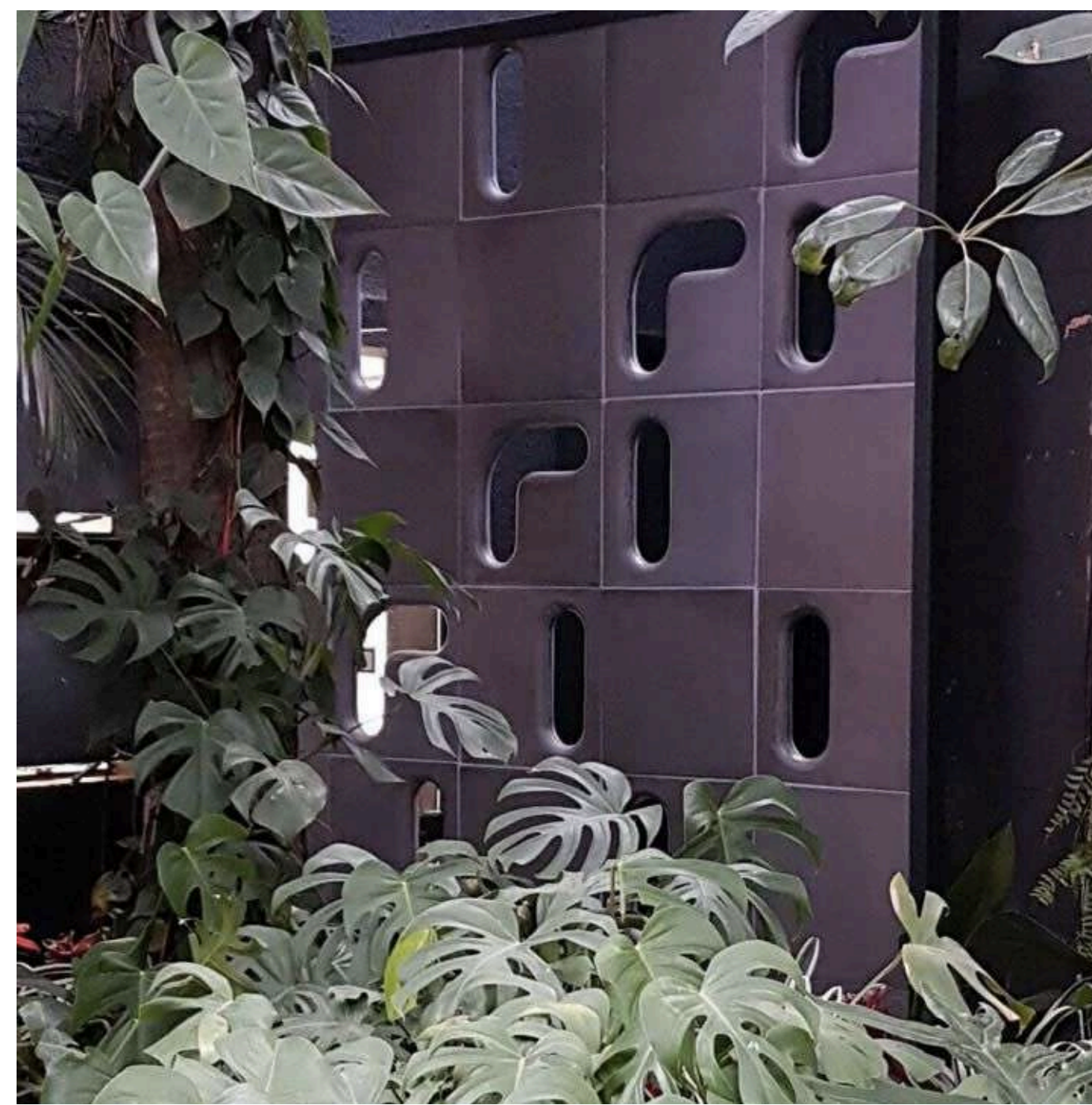


Sombra





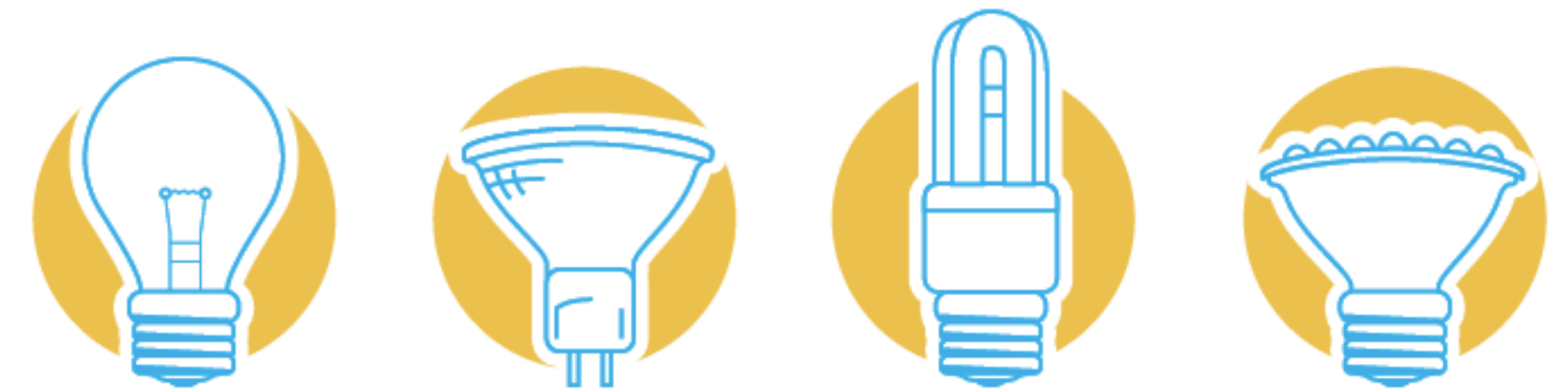






LUZ: Tecnologia

Lâmpada incandescente		Lâmpada LED	
Consumo/Potência (watt)	Fluxo luminoso (lúmens)	Consumo/Potência (watt)	Fluxo luminoso (lúmens)
40	480	6	470
60	804	10	700
75	1018	12	1055
100	1507	18	1800



Incandescentes

Halógenas

Fluorescentes (CFLs)

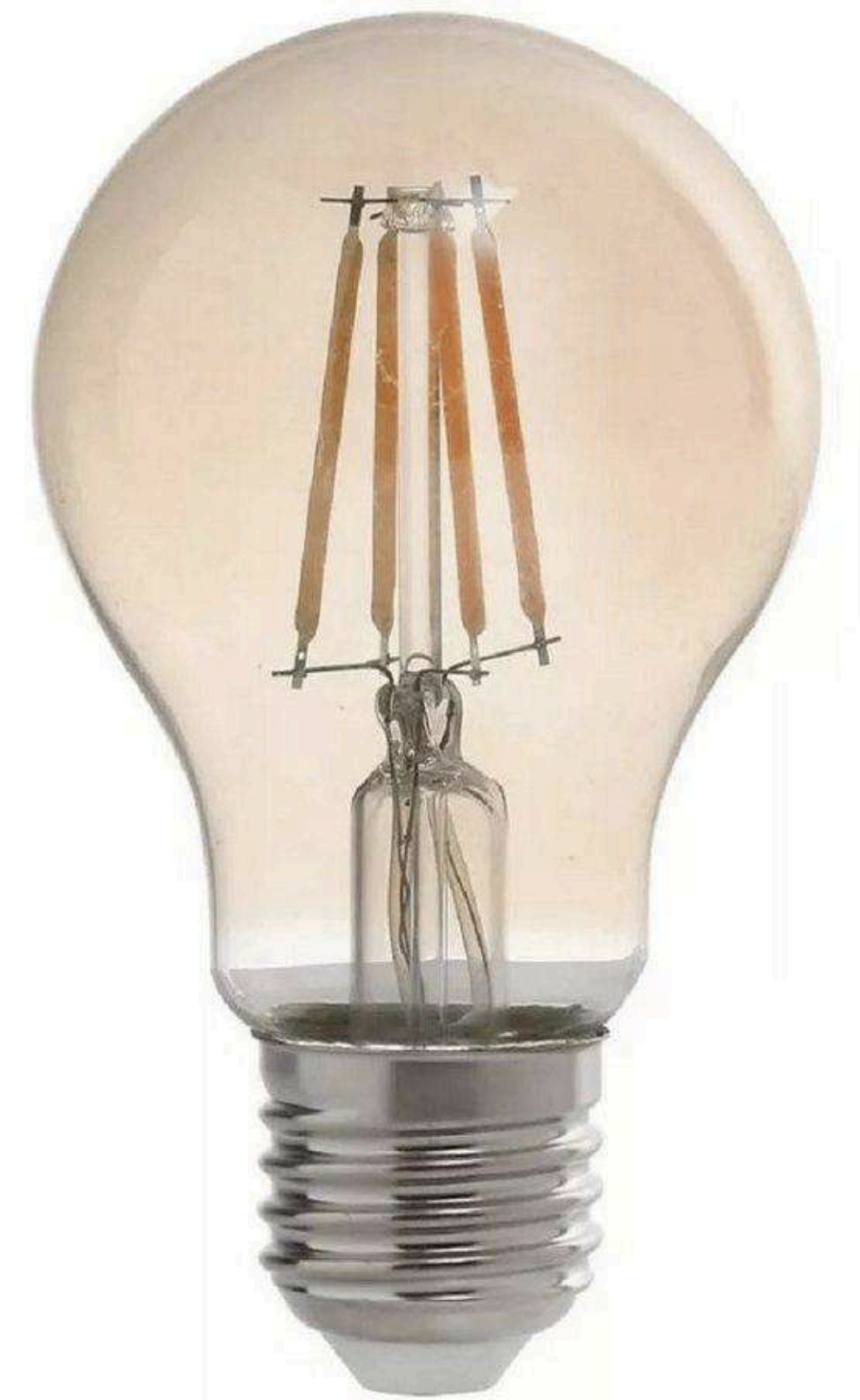
LEDs

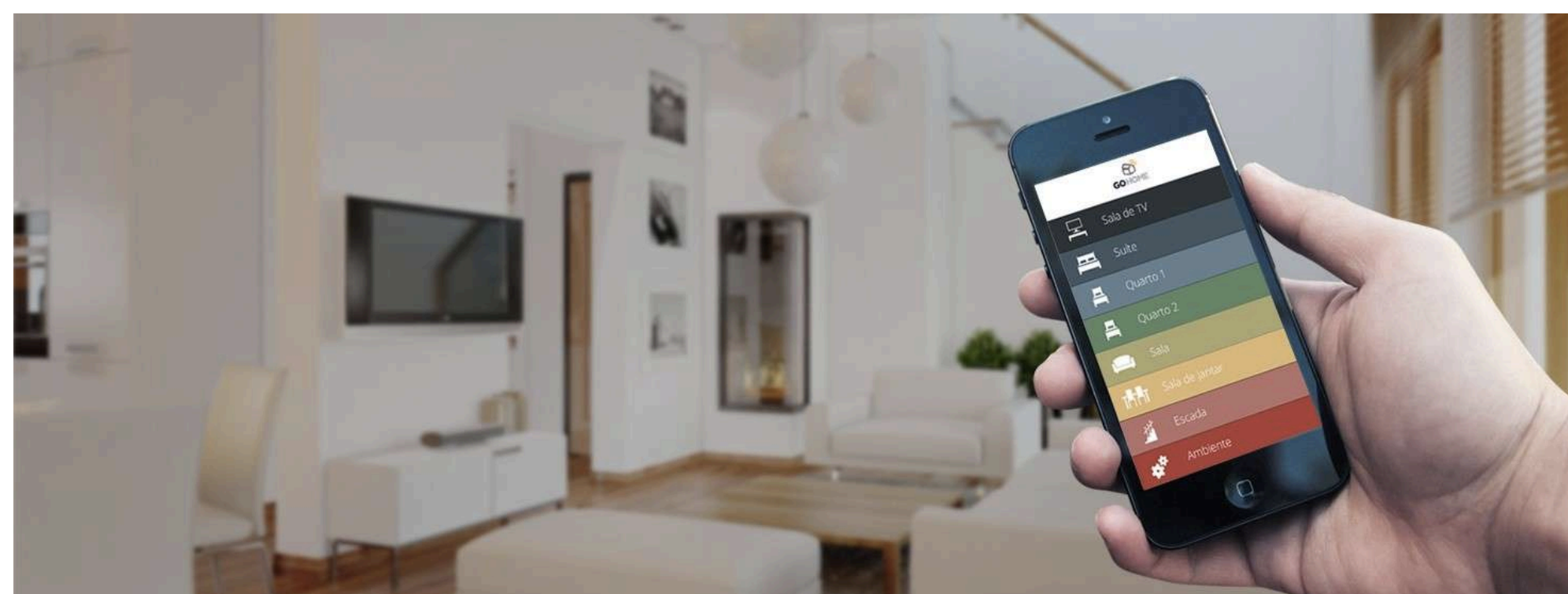
	Incandescentes	Halógenas	Fluorescentes (CFLs)	LEDs
Consumo	Alto	Alto	Baixo	Baixíssimo
Vida útil (horas)	1.000	2.000	6.000	25.000
Eficiência luminosa	1600	100 w	75 w	20 w
	1100	75 w	55 w	15 w
Quantidade de luz que a lâmpada produz por segundo, em lumens.	800	60 w	45 w	12 w
	450	40 w	30 w	8 w
	210	25 w	19 w	5 w

Potência

Quanto a lâmpada consome de energia para “produzir” luz, medida em **Watts (w)**

LED





Limitless Possibilities

- Group control
- Warm light
- Dimmable
- Music lights
- Wifi smart connected
- APP control
- Set timer
- 16 million color
- Voice control

A central glowing yellow smart light bulb is the focal point. Surrounding it are various icons and text labels representing smart lighting features: 'Group control' (light bulbs icon), 'Warm light' (sun icon), 'Dimmable' (moon icon), 'Music lights' (musical note icon), 'Wifi smart connected' (Wi-Fi icon), 'APP control' (smartphone with Wi-Fi icon), 'Set timer' (alarm clock icon), '16 million color' (color palette icon), and 'Voice control' (person speaking icon).

ON/OFF













Estúdio Penha





LUZ: Designers







Achille Castiglioni





Achille Castiglioni

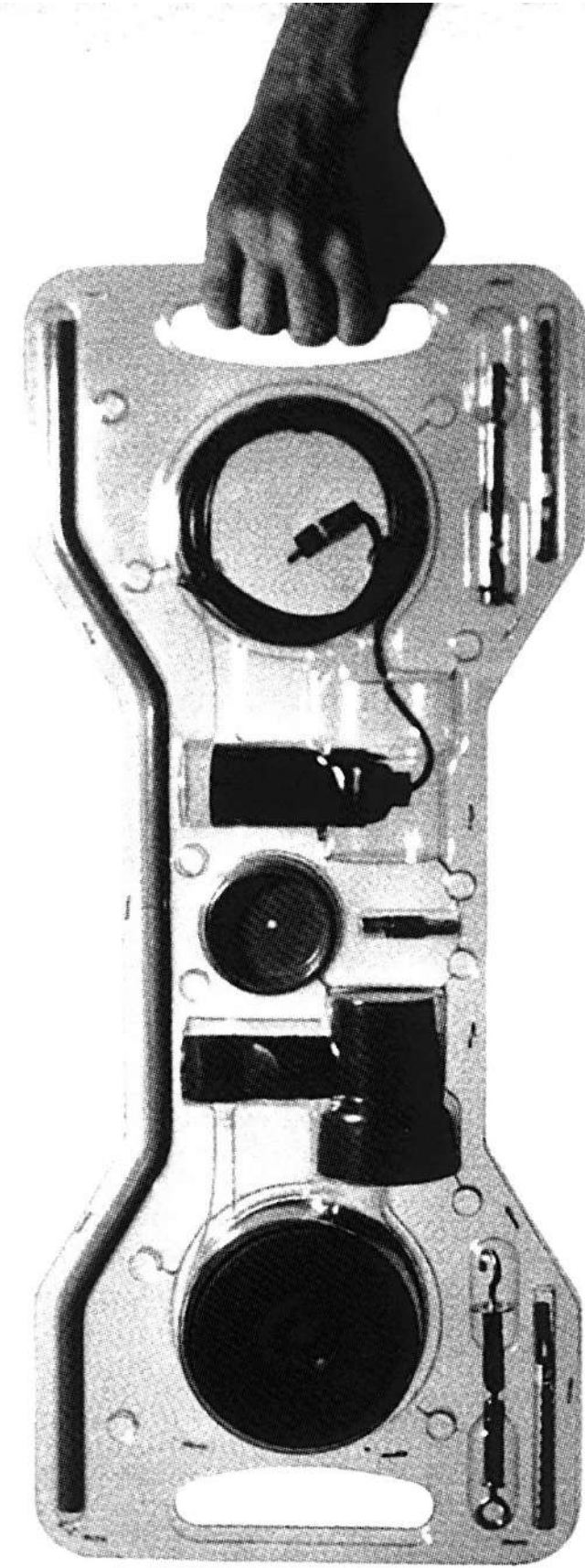


Achille Castiglioni



Achille Castiglioni







Michael Anastassides



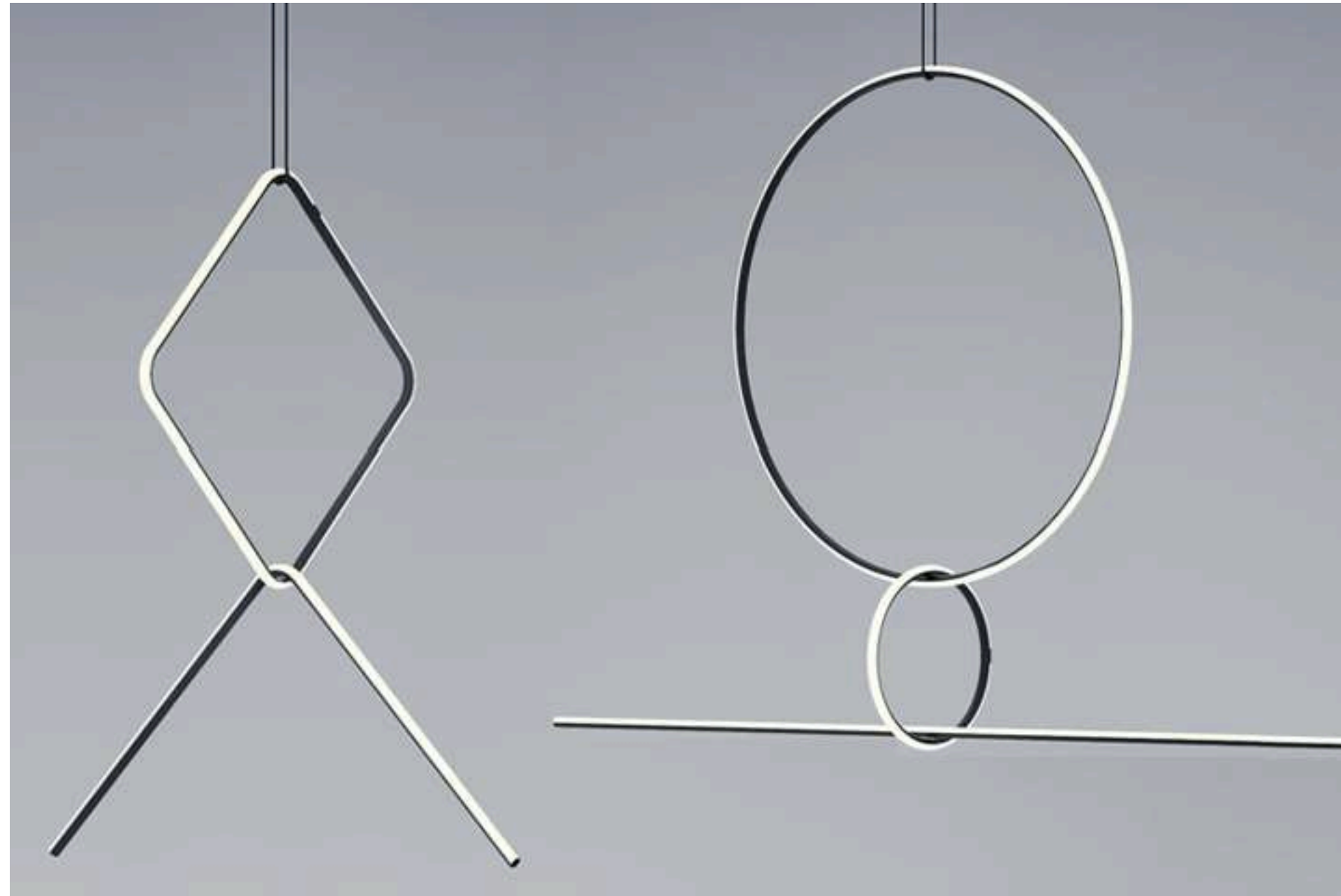
Michael Anastassides





Michael Anastassides





Michael Anastassides

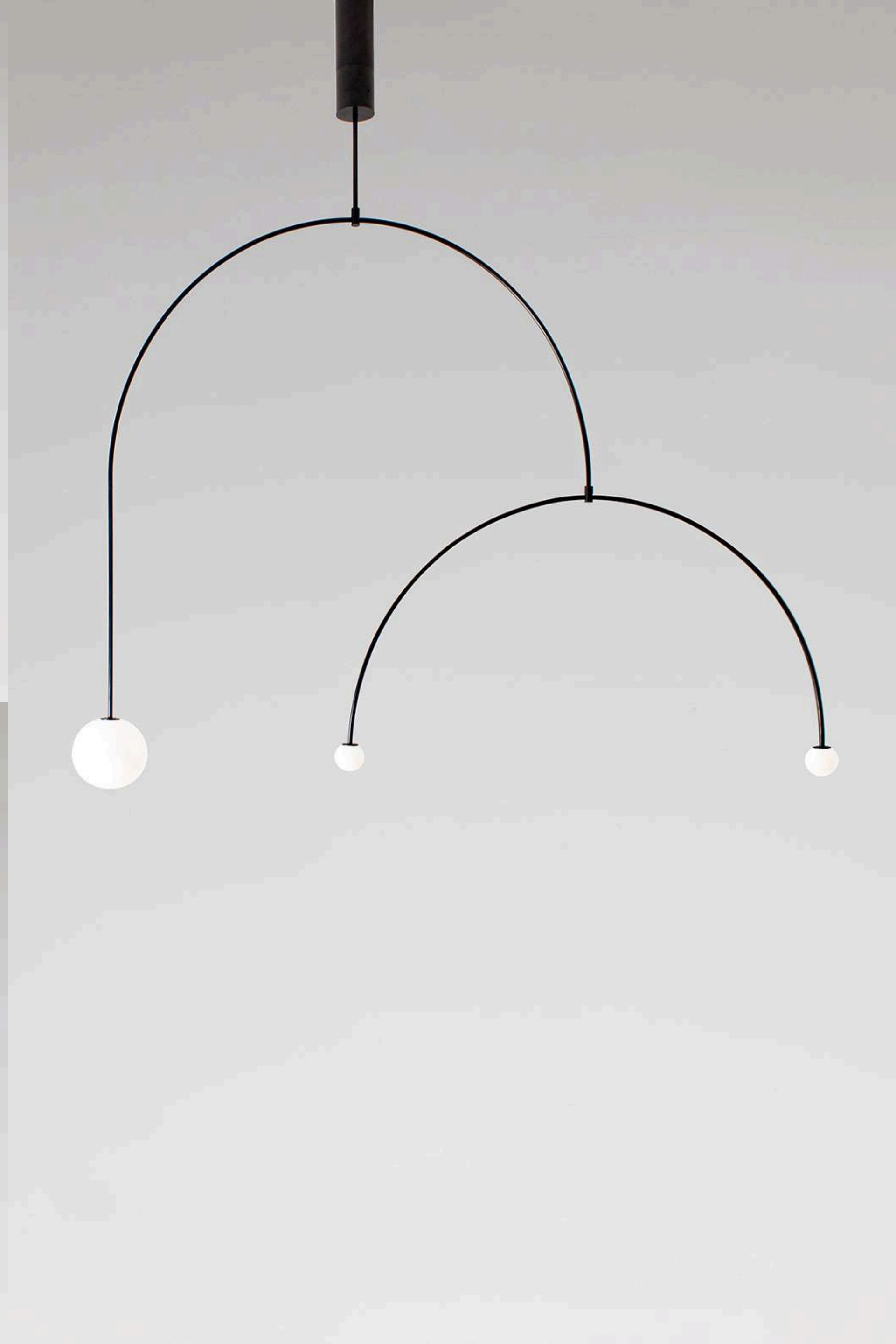
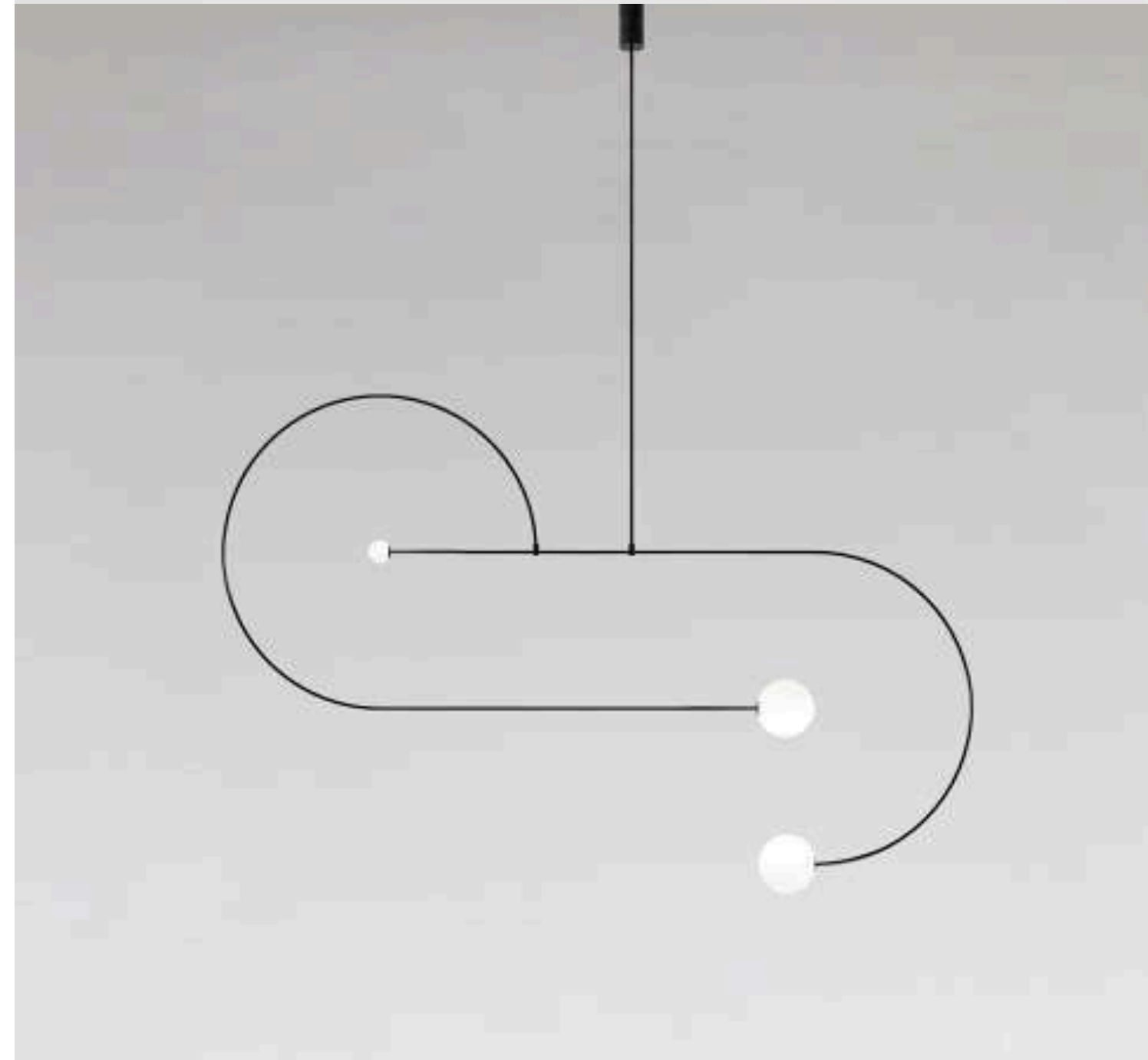
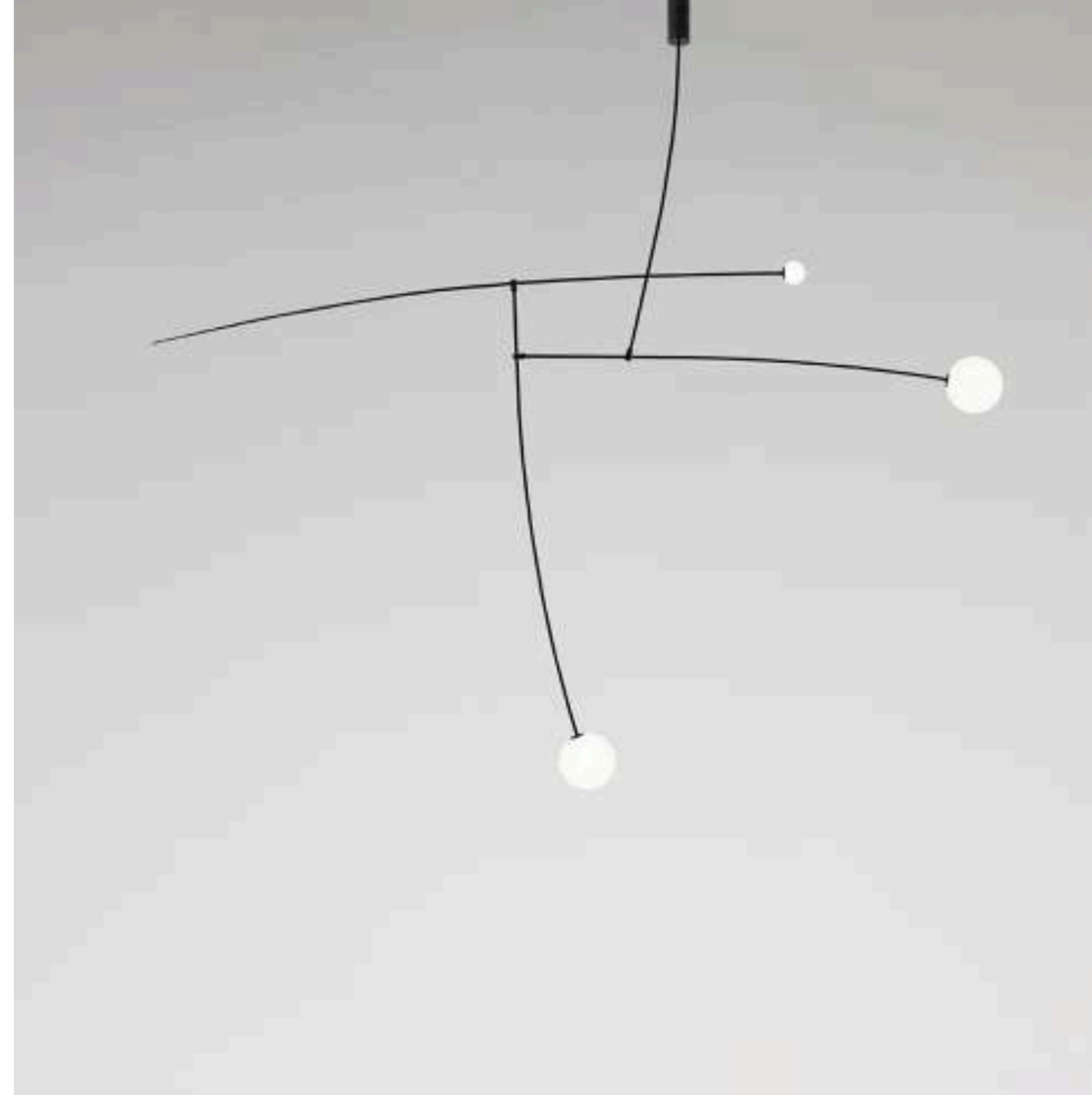


Michael Anastassides





Michael Anastassides



Isamu Noguchi



Isamu Noguchi



Isamu Noguchi



Isamu Noguchi



Barber & Osgerby/ Jaime Hayon



Decoração: Neal Beckstedt



Decoração: High x Low







Lindsey Adelman



Lindsey Adelman



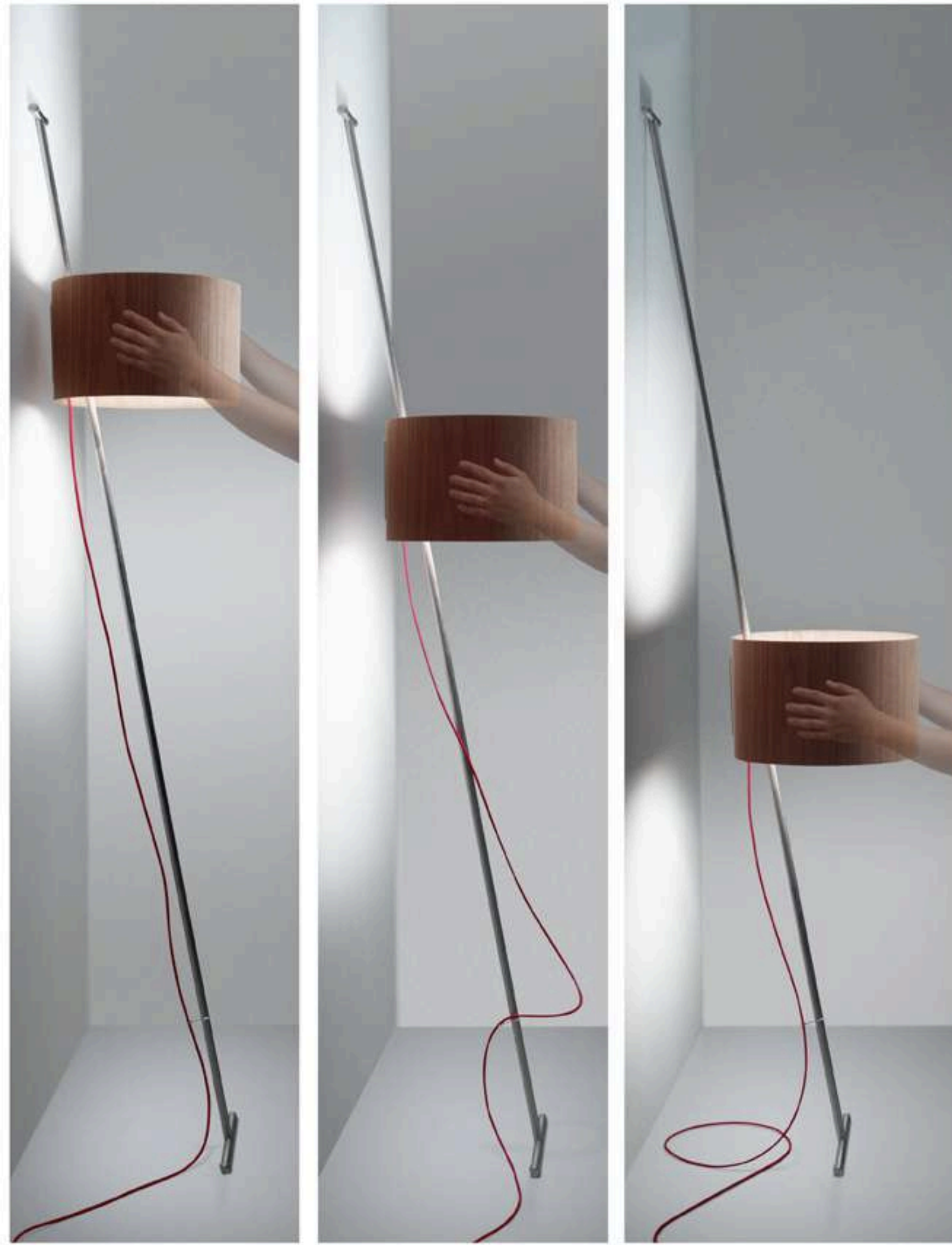
Lindsey Adelman





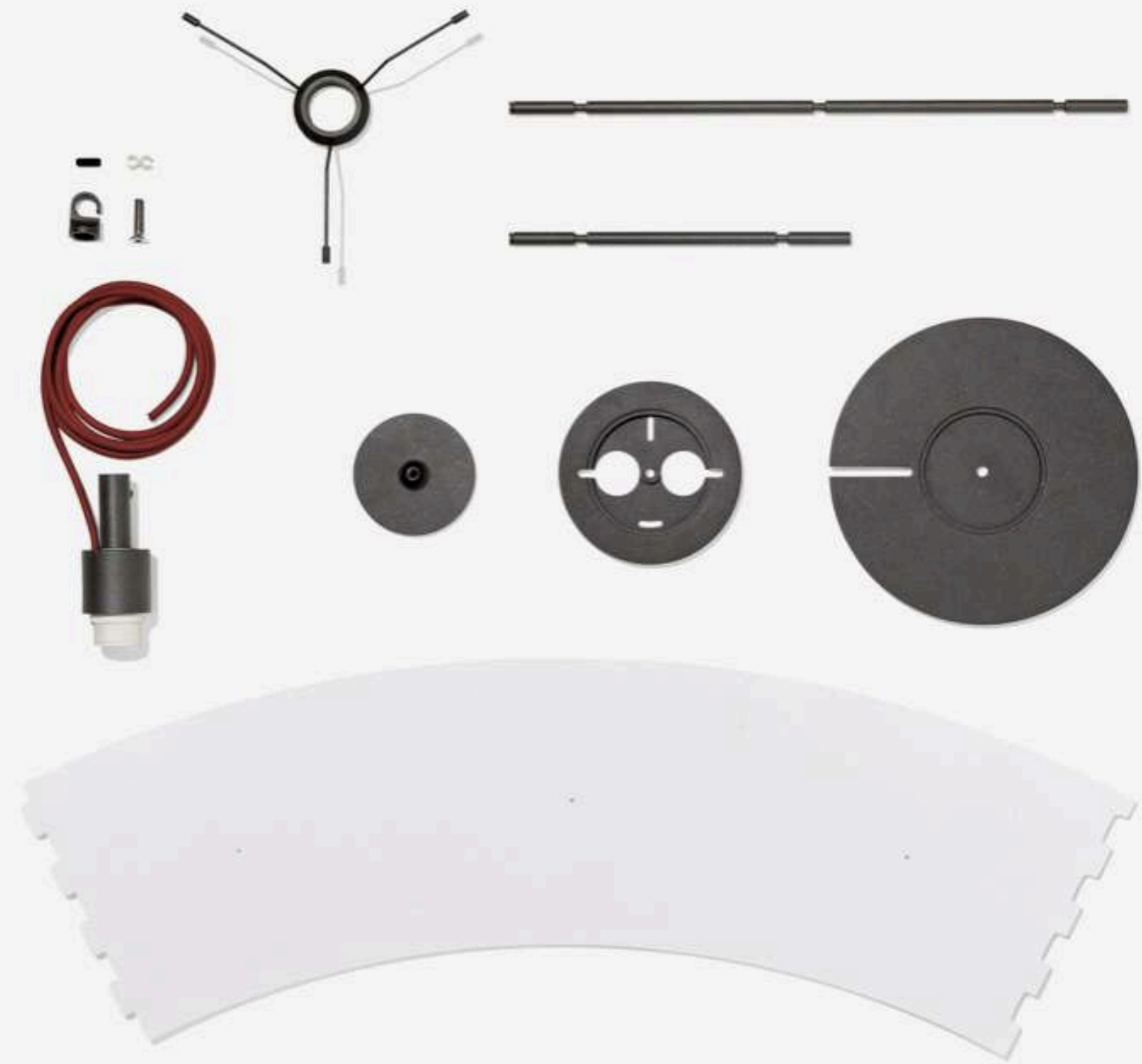
Fernando Prado





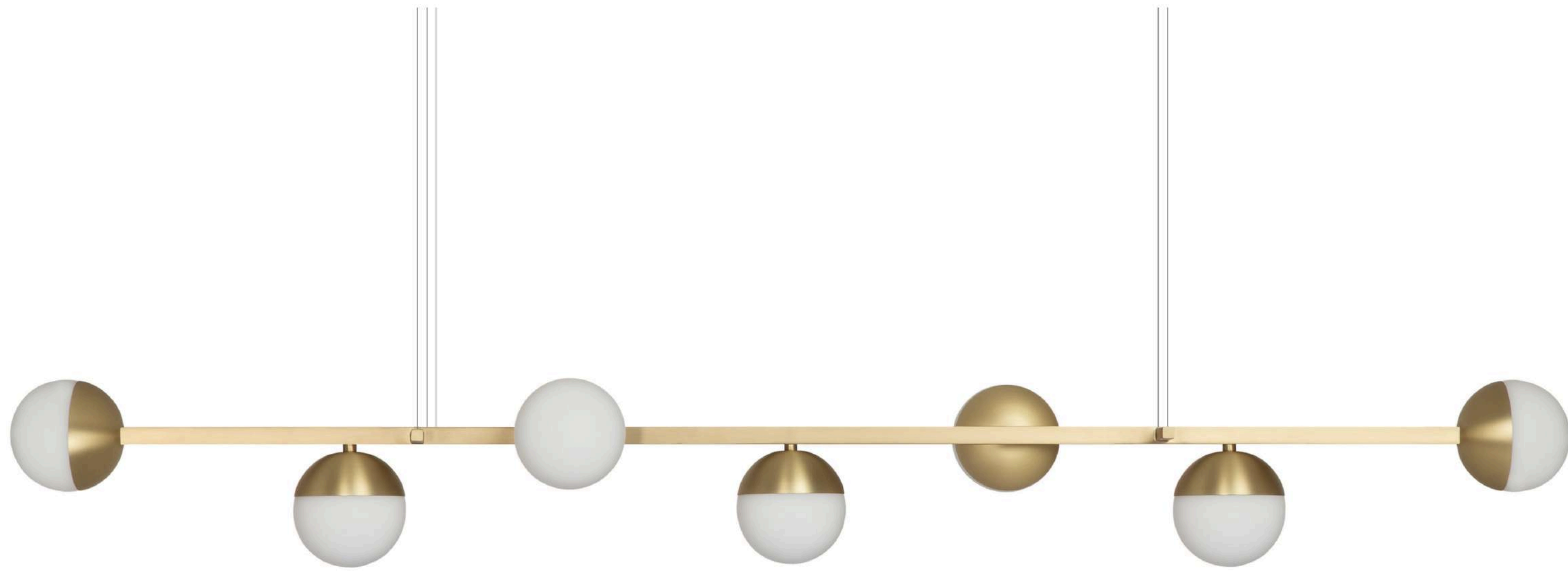








Ana Neute







Exercício: Pendente

- . Criar composição cadeiras/ mesa de jantar/ pendente (especificar todos os produtos com nome e autor)

Exemplo



