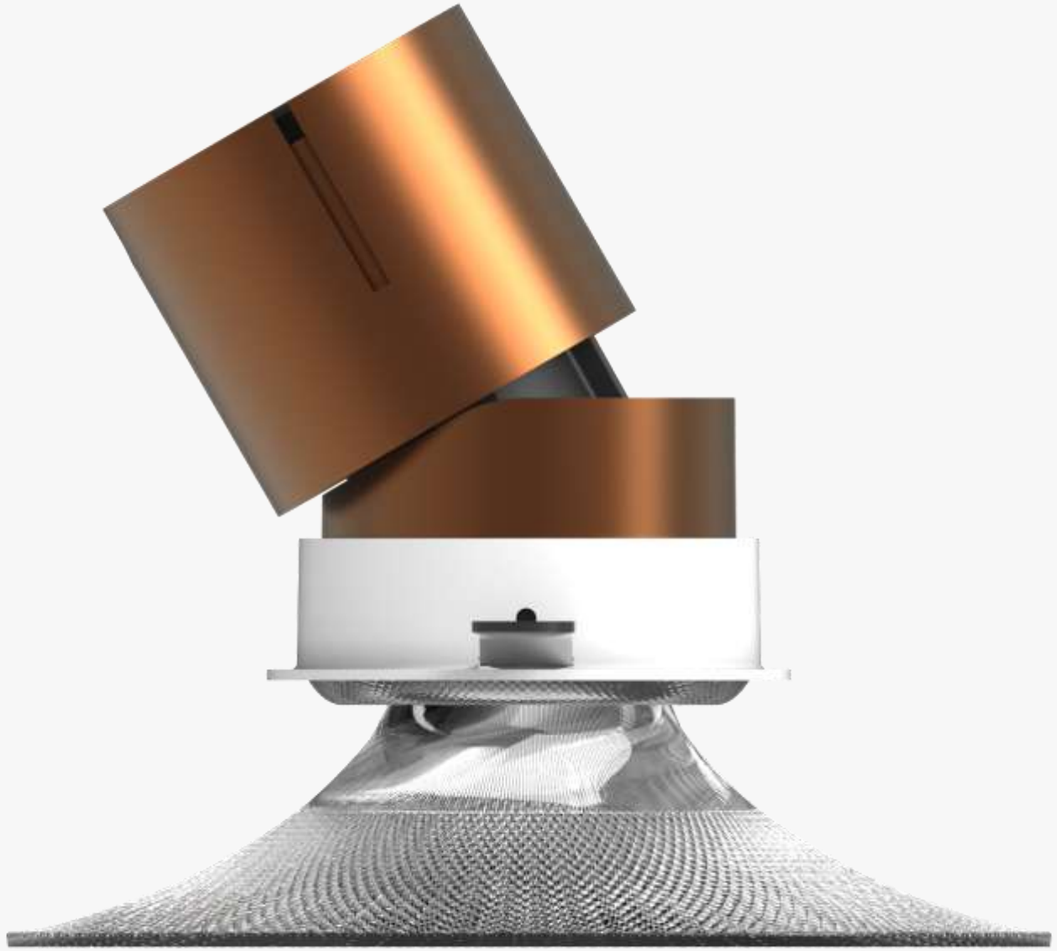
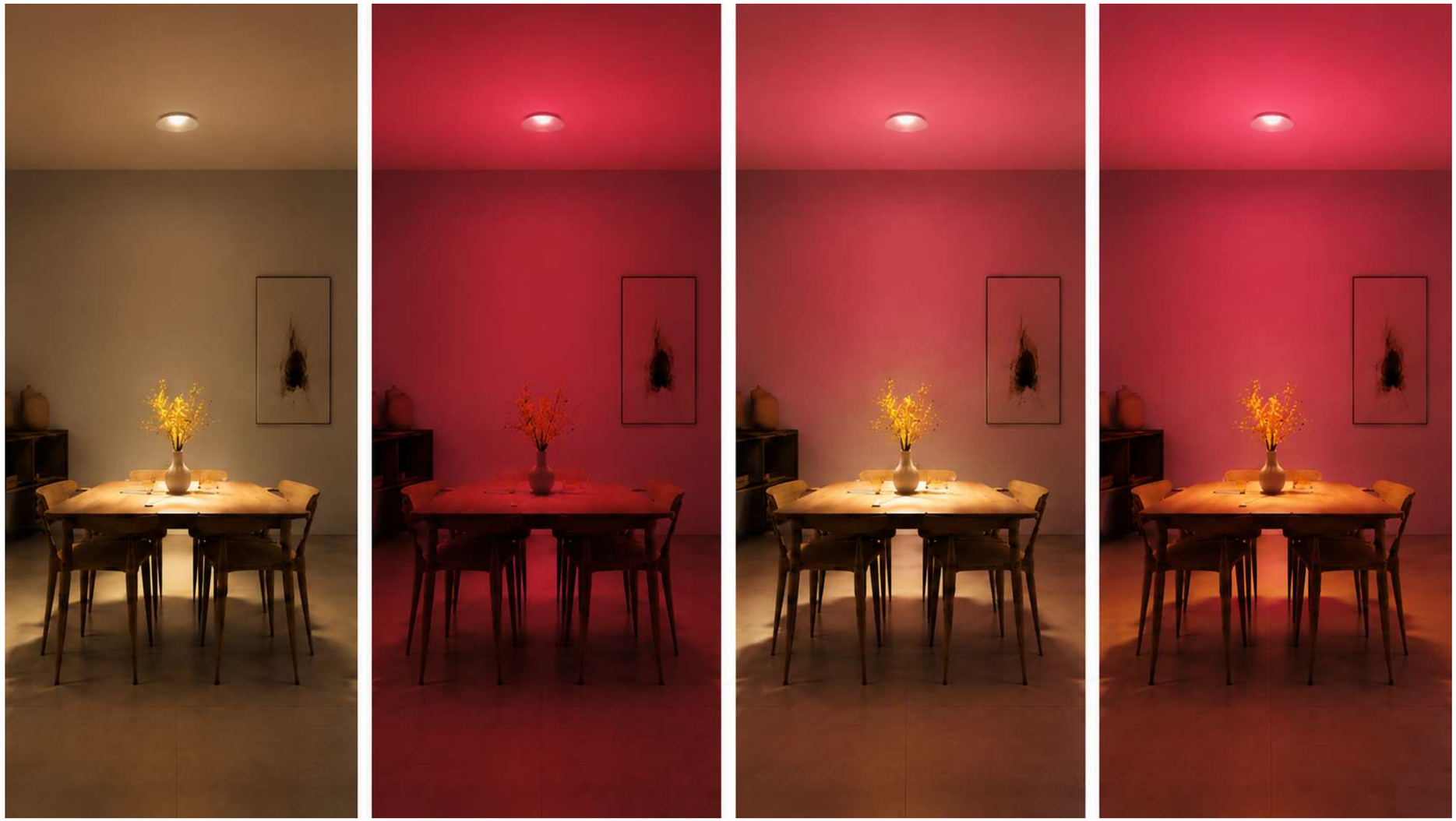


# Astral

Dual-source lighting for layered interiors

# Why Astral was developed?

ASTRAL integrates functional lighting, ambient atmosphere and indirect illumination within one architectural luminaire. The downward light provides clear task and accent illumination, while the upward RGBW atmosphere light is reflected and refracted through the curved translucent baffle, softly activating ceilings and wall surfaces.



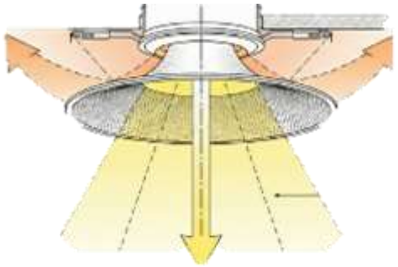
# Dual Light Source System

- **Downlight:**

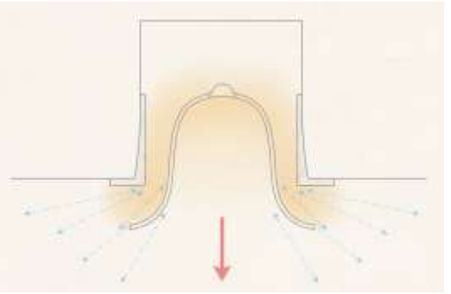
  **15W** precision downlighting with four beam angle options, providing functional and focused illumination.

- **Uplight:**

  **8W RGBW** system capable of projecting coloured light to create ambient atmosphere.



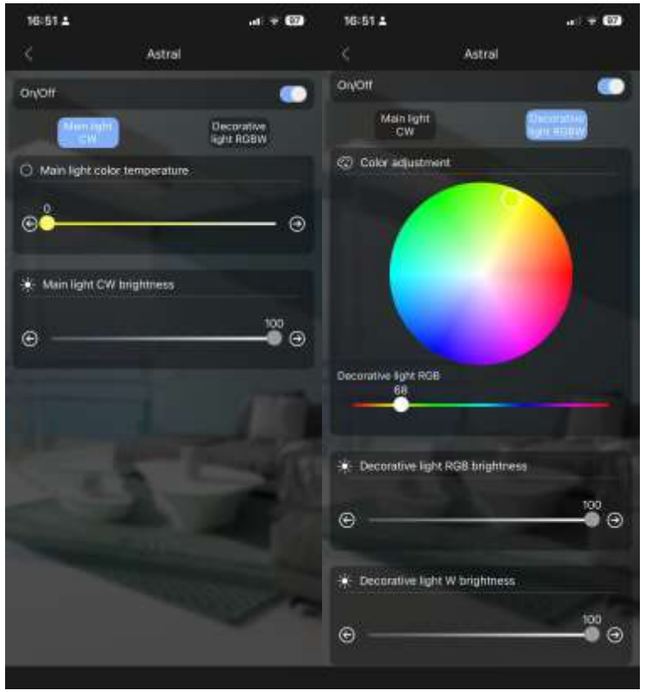
This design is based on contemporary spatial usage, allowing independent control of each light source to support different activities and times of day.



**Uplight — Ambient Layer**

**Downlight — Accent Layer**

**Accent + Ambient Layer**

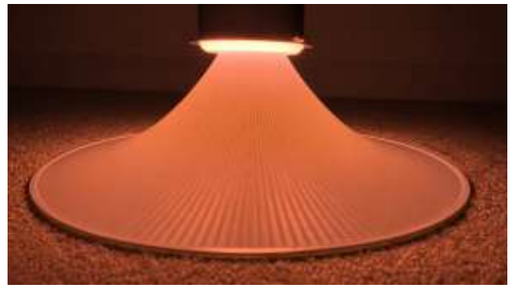



# Two light sources. Independently controlled.

ASTRAL separates functional illumination and ambient atmosphere into two independently controlled light sources.

A precision direct light source for functional and focused illumination.

An RGBW atmosphere light that projects colour and softness towards the ceiling and surrounding surfaces.



# One luminaire. Five lighting behaviours

1. UPLIGHT ONLY

Soft ambient wash

2. DOWNLIGHT ONLY

Focused task light

3. COMBINED

Ambient + accent balance

4. WARM ATMOSPHERE

Relaxed and inviting

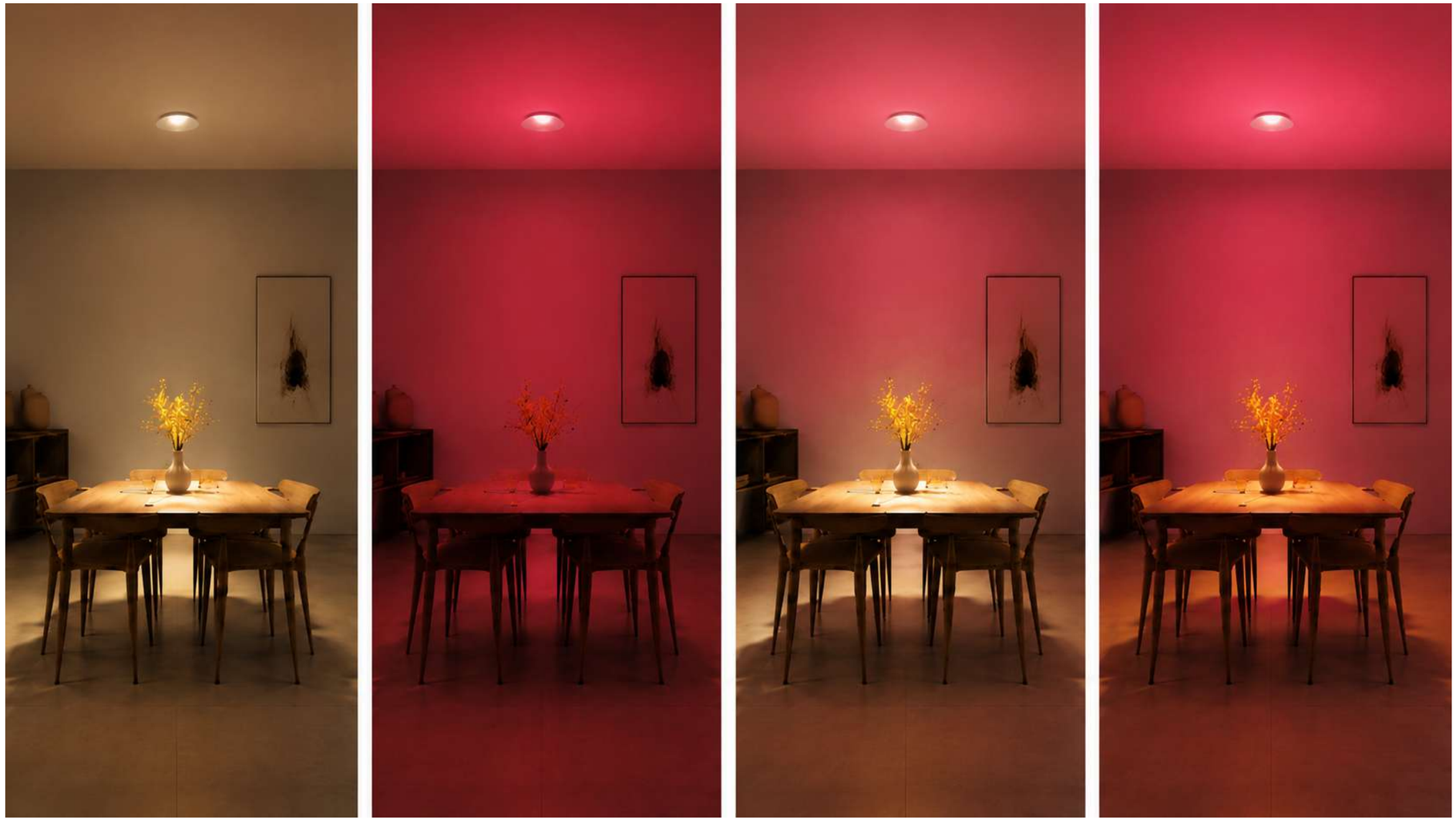
5. COOL TASK MODE

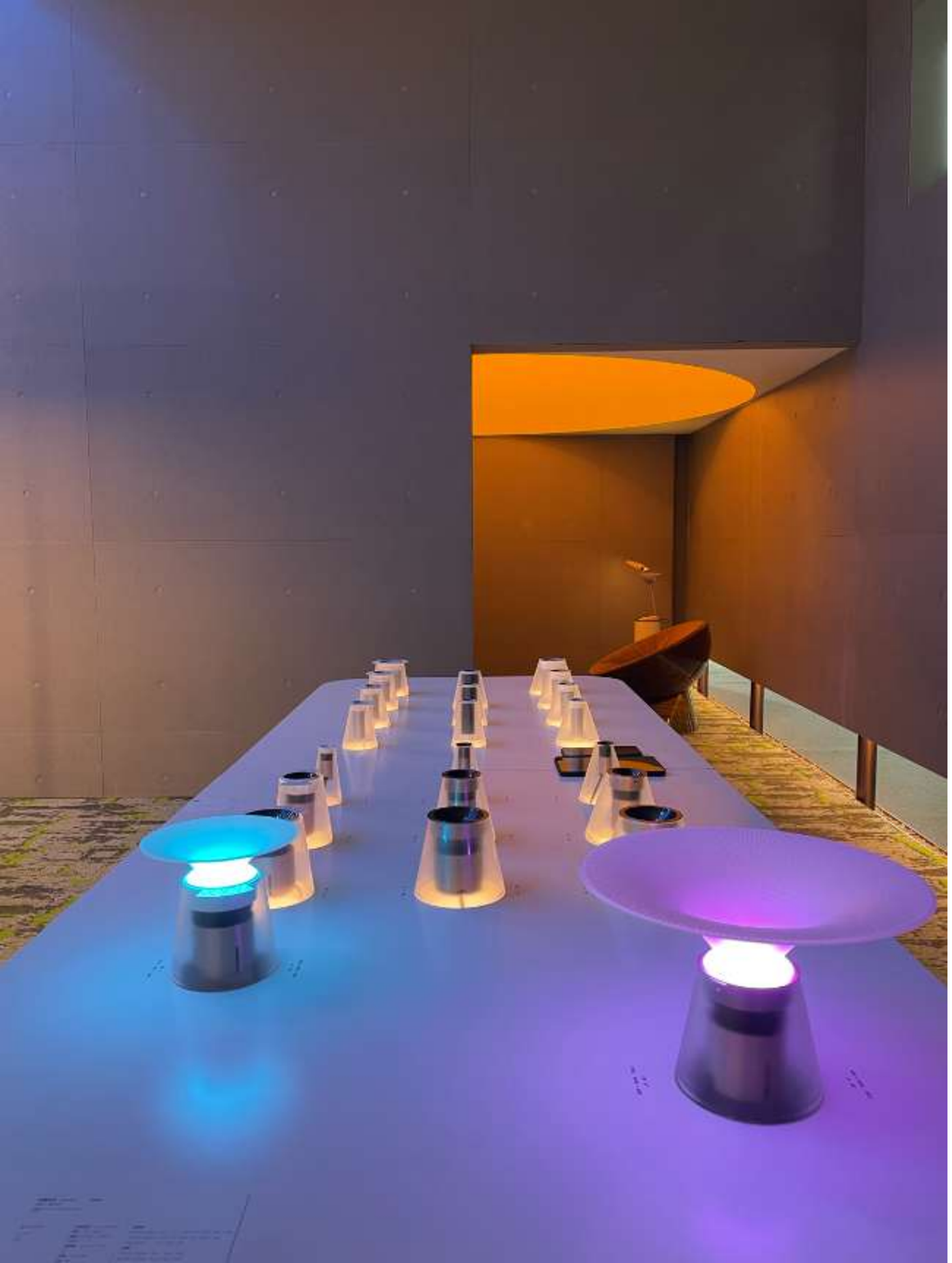
Clear and energizing

Design with intention. Illuminate with balance. Elevate every layer of light.

# Ambient layer.
# Accent layer.
# Balanced layer.

ASTRAL separates functional illumination and ambient atmosphere into two independently controlled light sources.





## One luminaire. Multiple light behaviours.

This setup showcases Astral in comparative lighting, letting designers assess colour response, brightness, and uniformity across units.

Each light is uniquely adjusted but keeps consistent form and comfort, aiding evaluation and design decisions.

## A Layered Lighting Strategy

Base white light provides spatial readability and orientation.

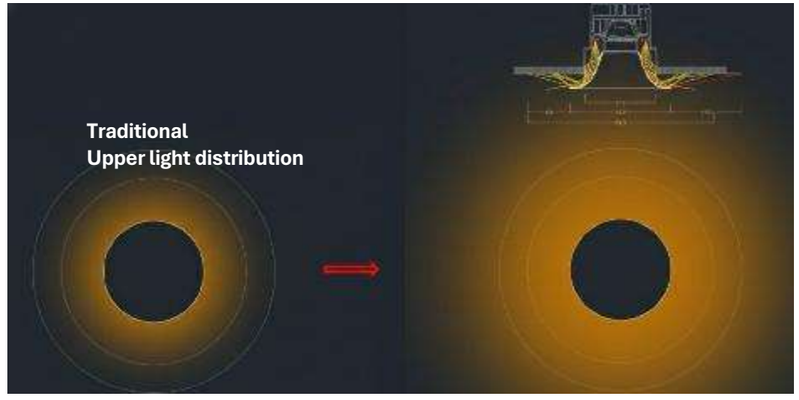
Colour light responds to exhibitions, events and temporal changes.

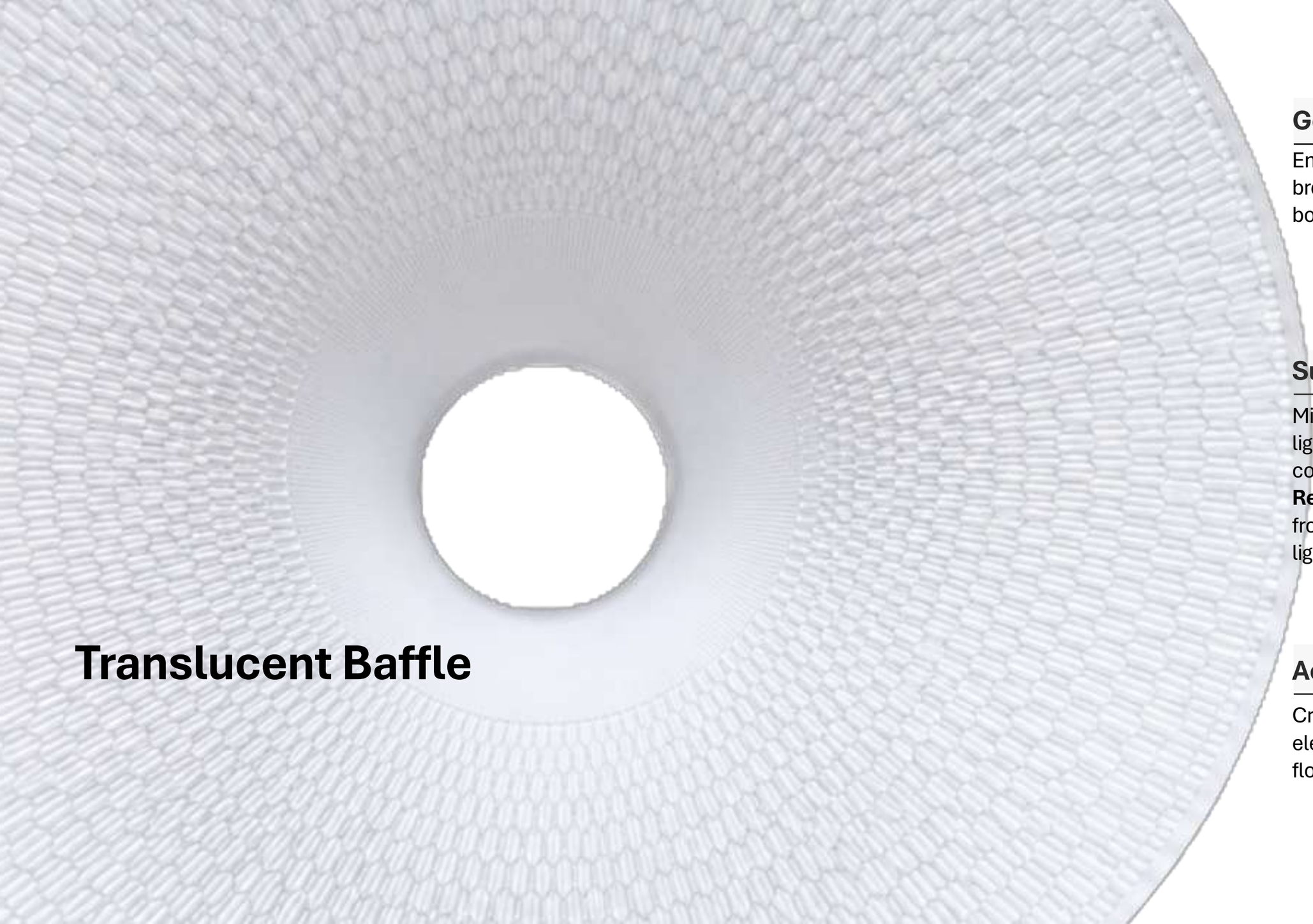
Through independent control of the two light sources, multiple lighting scenarios can be created for different moments and uses.

The two layers do not interfere with each other — together, they establish rhythm, contrast and emotional depth within the space.

# Optical Technology Breakthrough

Astral uses dual optical light-path separation with precise surface processing to control reflection, refraction, and transmission. This allows customised uplight and downlight ratios, enhancing lighting efficiency and reducing energy use in line with green building standards.





# Translucent Baffle

## Geometry

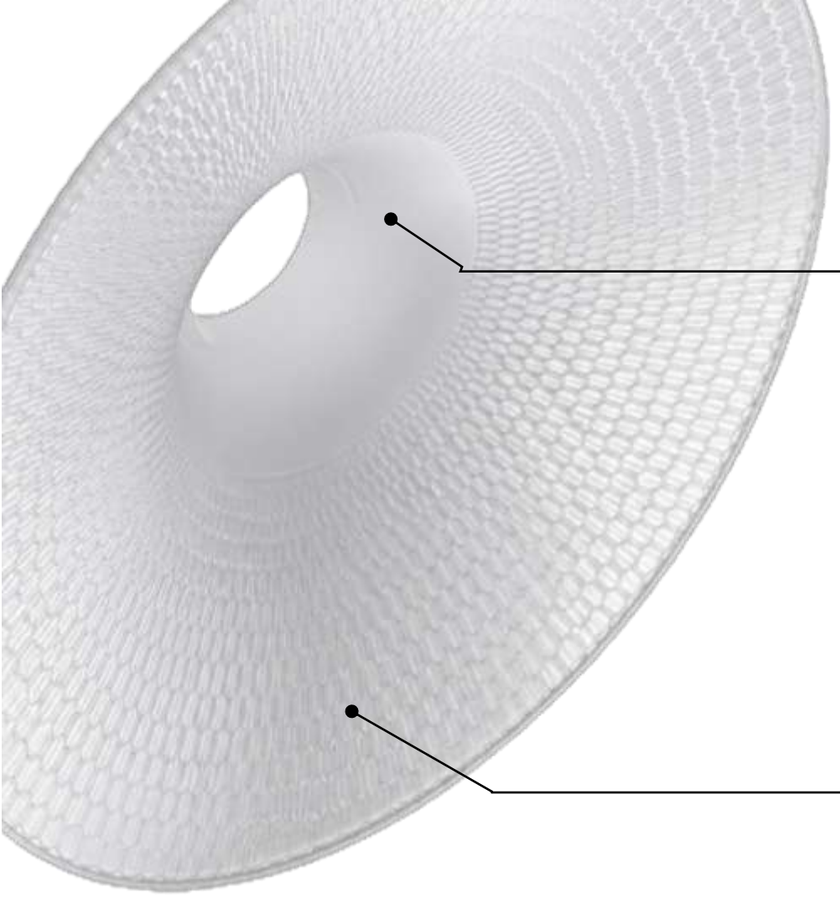
Engineered curvature and optical broaden and maximise output from both downward and upward engine

## Surface Processing

Micro-prism structure softens the light edge while ensuring high visual comfort via the **Reflection, Refraction** as well as **Transmission** from both Downward and Upward lights.

## Aesthetics

Creates a distinct decorative element while lit, appearing as a floating architectural detail.



## Deep Recessed Prism

Create decorative element while it is lit.

*available for bespoken colour or anodizing.

## Twist-Lock

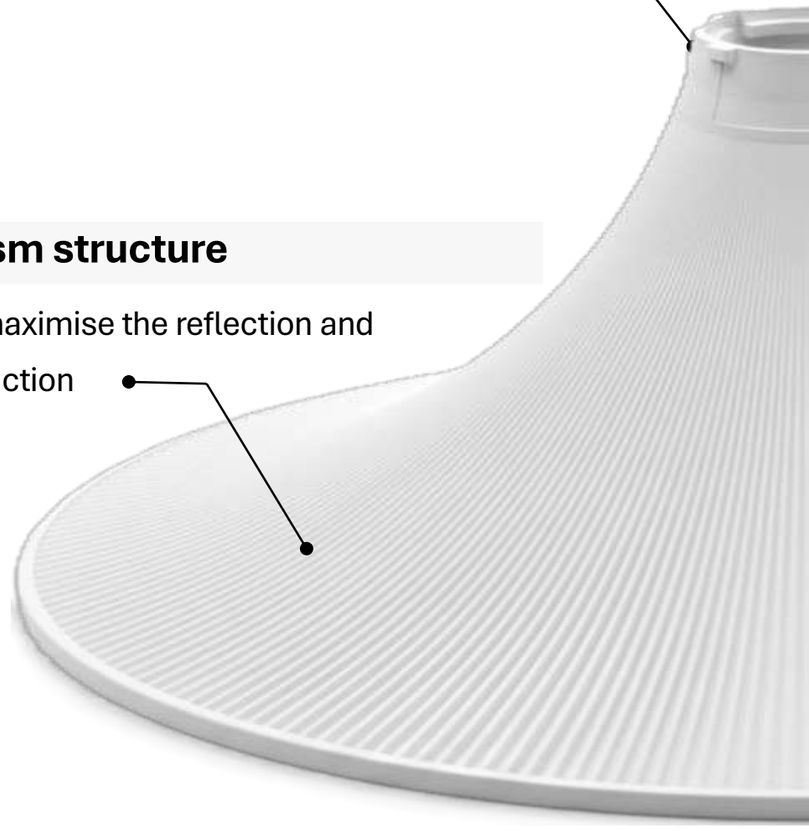
Tool-free installation/ replacement

## Microstructure surface

To optimised beam pattern and distribution

## Prism structure

To maximise the reflection and refraction



# Translucent Baffle*

- The curvature and optical surface of the baffle is engineered to broaden and maximise the **Reflection** and **Refraction** output as well as **Transmission** from both Downward and Upward lights.

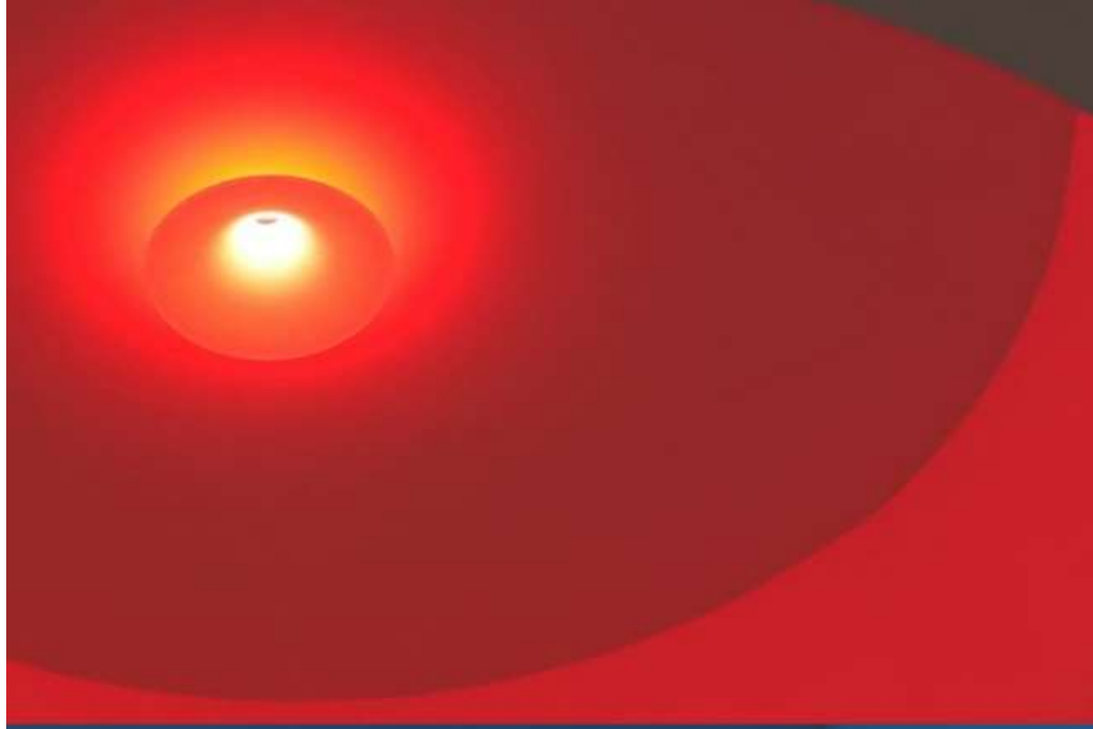
# How the uplight responds to materials

Uplight changes character depending on the ceiling material.

On light ceilings, it creates a wide and gentle glow that brightens the space evenly without glare.
On darker ceilings, it creates a more defined halo that adds depth and atmosphere, especially in bars, restaurants and intimate hospitality interiors.

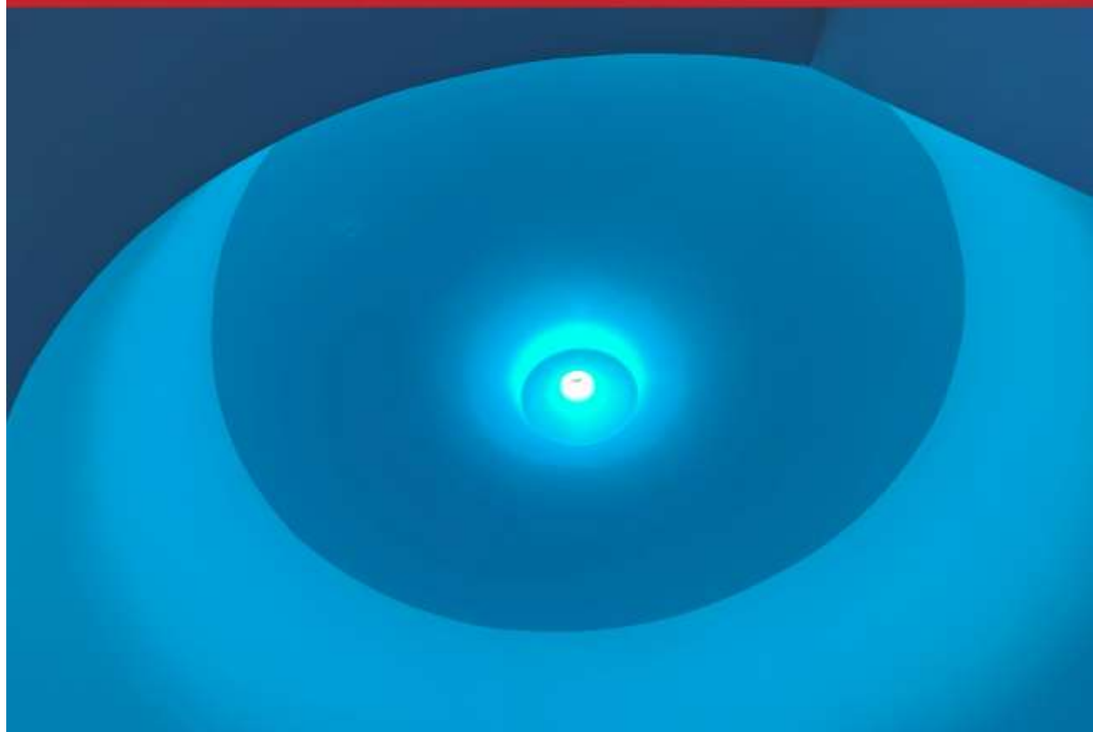
## Dark Ceilings

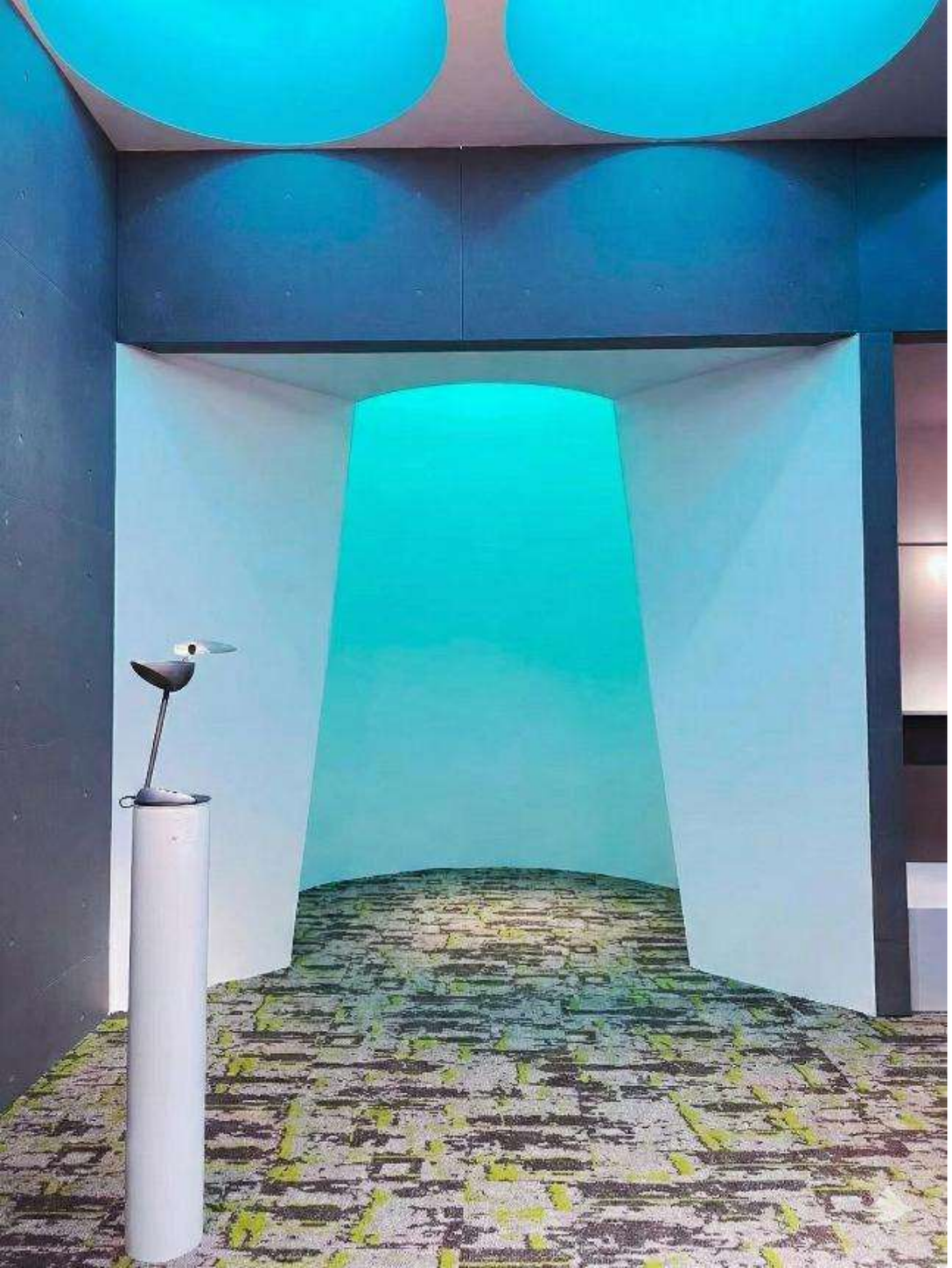
Uplighting on dark ceilings creates a distinct glowing halo that adds depth and intrigue, ideal for bars and upscale dining where ambiance matters.

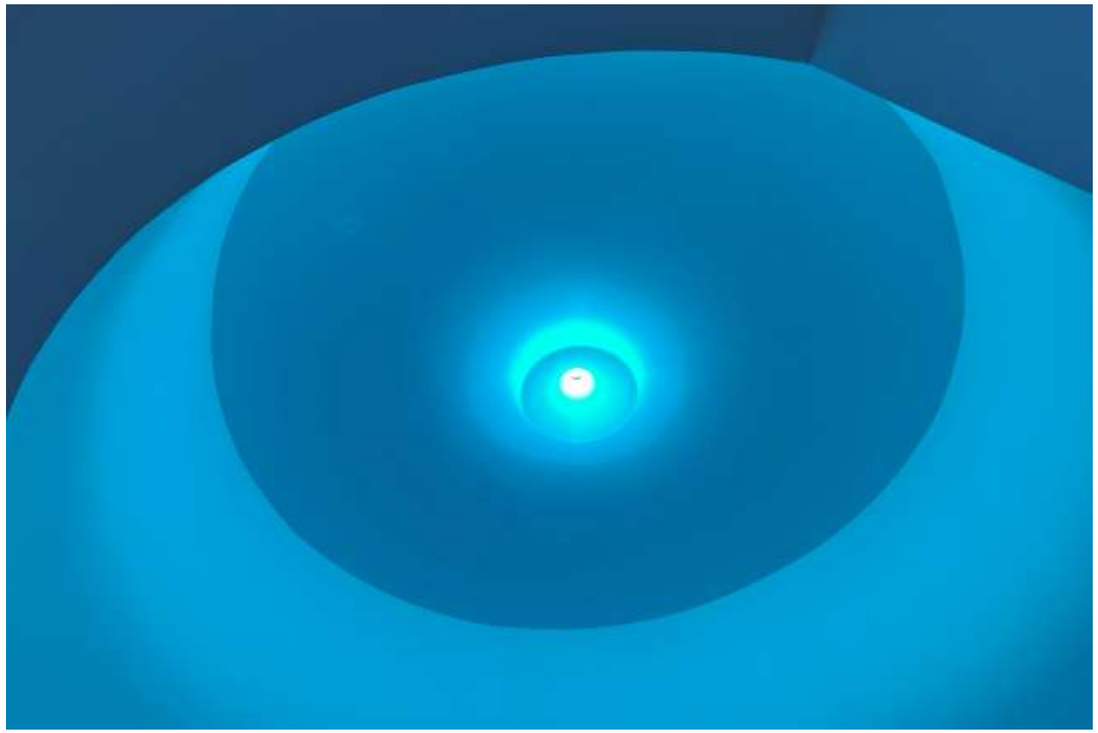


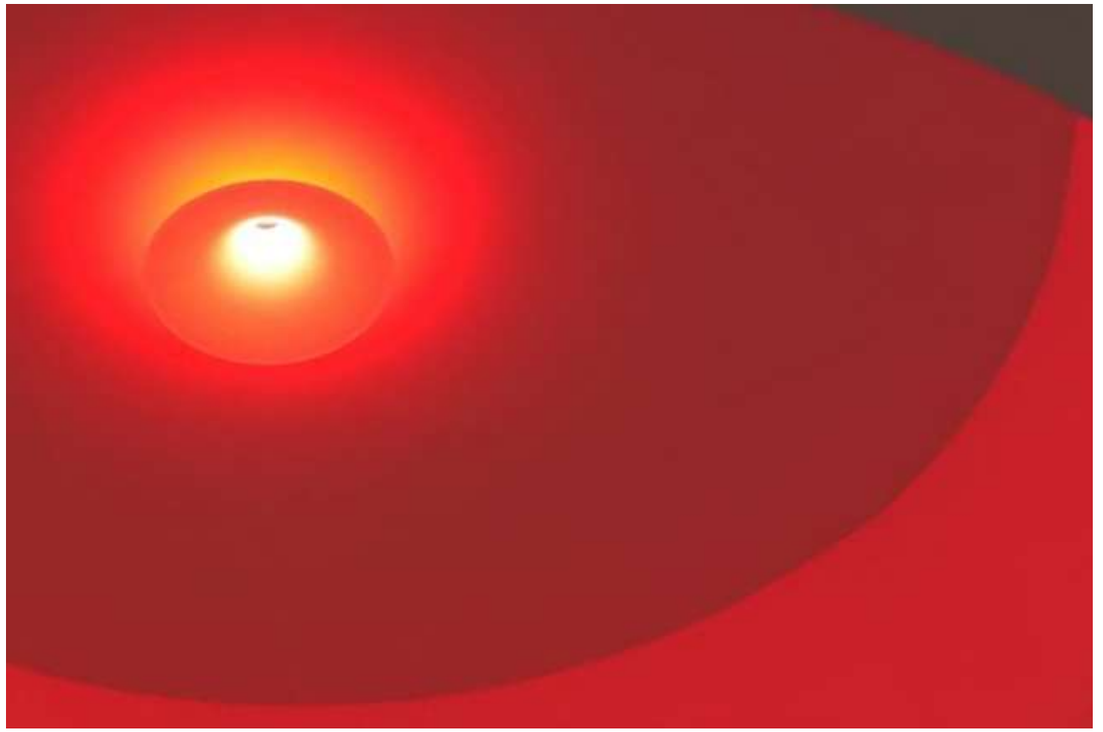
## Light Ceilings

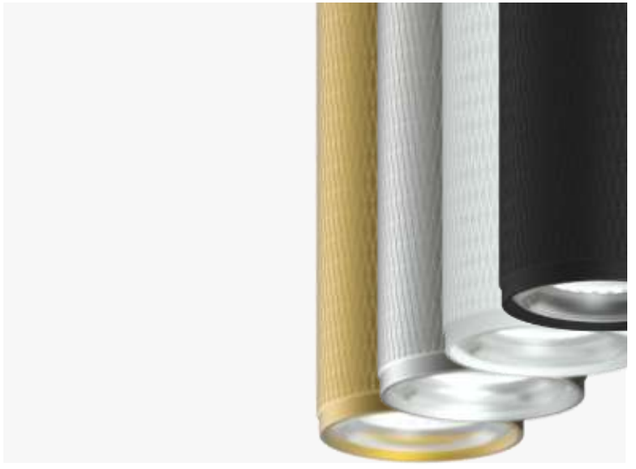
Uplights on light-coloured ceilings produce a wide, gentle glow that brightens the area evenly without causing glare.











ϕ55

ϕ60

ϕ75

ϕ80

ϕ55

ϕ77

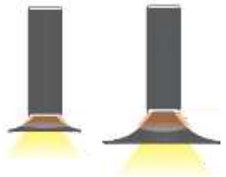
ϕ55

ϕ77

| 10W | 15W | RGBW |
|---|---|---|
| 15° | 15° | Flood |
| 24° | 24° | |
| 36° | 36° | |
| 50° | 50° | |

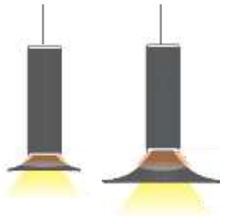
| 10W |
|---|
| 15° |
| 24° |
| 36° |
| 50° |

| 15W | RGBW |
|---|---|
| 15° | Flood |
| 24° | |
| 36° | |
| 50° | |



| 10W |
|---|
| 15° |
| 24° |
| 36° |
| 50° |

| 15W | RGBW |
|---|---|
| 15° | Flood |
| 24° | |
| 36° | |
| 50° | |



## Colour options

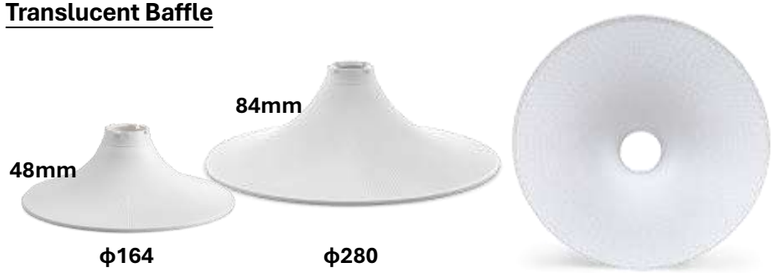
Reddish Gold

Reddish Gold + White

Dark Grey

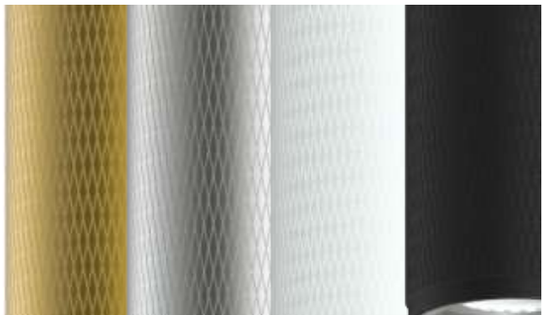
Dark Grey + White

## Translucent Baffle




## Ctrl Options

## Surface options



# Recessed Downlight




# Surface Pendant




# Surface Pendant: Ambient

# Surface Mount Downlight




# Surface Mount Downlight: Ambient

# Hospitality + Retail

Hospitality spaces require light that is both functional and emotional.

In lounges, it supports intimacy without reducing comfort.
In bars, it enhances dark materials and creates visual depth.
In restaurants, it balances food presentation, table focus and overall ambience.


# Restaurant.
# Lounge.
# Reception.






# Retail.
# Restaurant




# Residential Applications

In living spaces, it creates a calm background layer for conversation and relaxation.

In dining areas, it provides task light on the table and a soft ambient layer above.

In corridors, it guides movement without excessive glare.

# Residential Applications

Bedroom. Dining

# Residential Applications

Corridor

# Astral | Hospitality

In controlled settings, Astral provides steady lighting that focuses attention on the objects, not the light. It avoids dramatic effects, using balance and spacing to create a calm, clear viewing experience.

# Astral | Cooperate

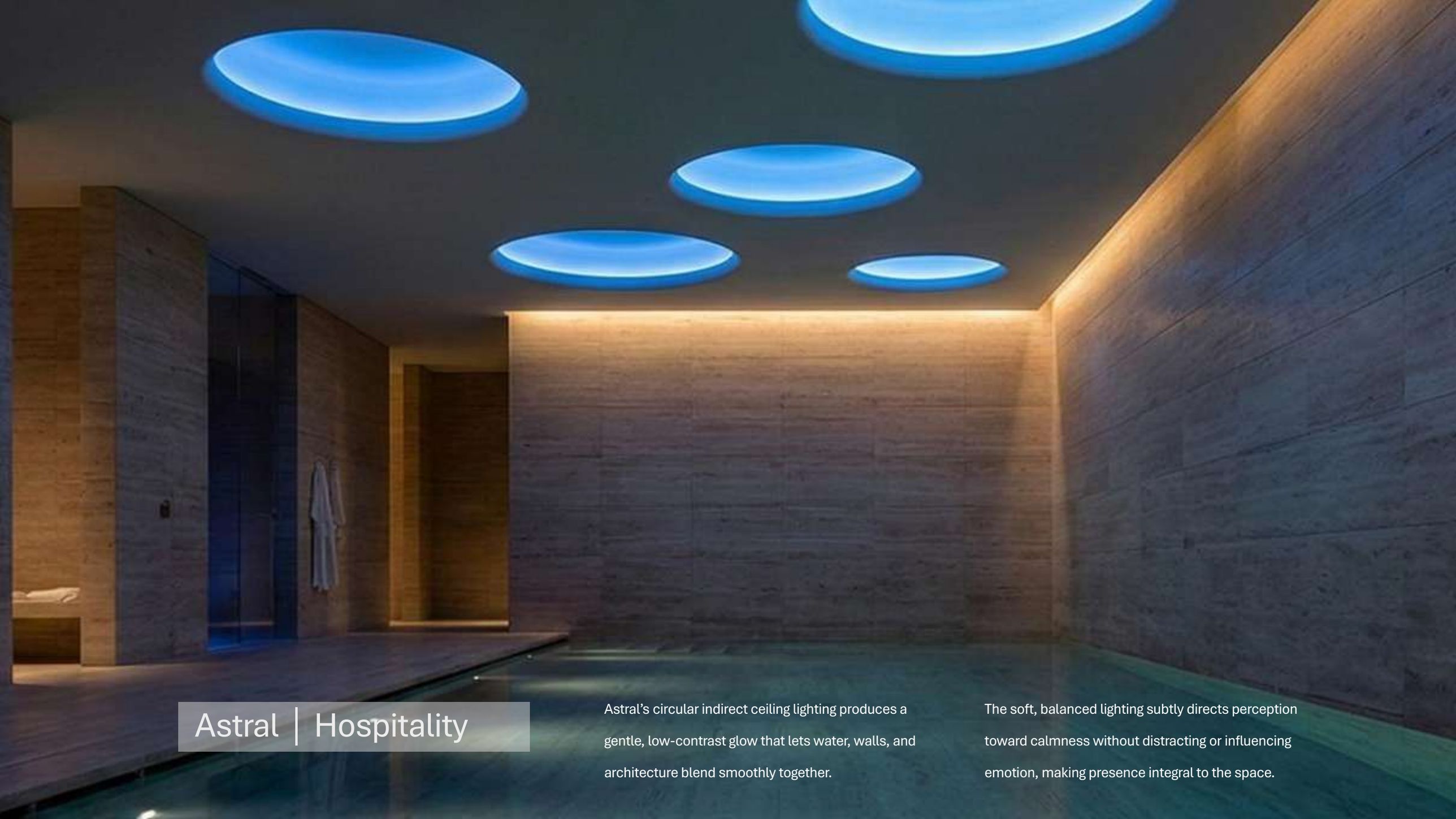
Soft, even ceiling lighting provides consistent brightness in lounges, keeping seating and surfaces clearly visible without affecting natural interaction or sightlines.

# Astral | Dining

Astral integrates lighting into architecture to create a soft, even ceiling light that controls brightness and reduces eye strain. In upscale dining areas, the light is subtle yet shapes the space and mood effectively.

# Astral | Hospitality

Astral uses circular indirect ceiling lighting to create a calm, continuous rhythm in a soft blue light, enhancing spatial depth subtly and making the space inviting to stay in.



# Astral | Hospitality

Astral’s circular indirect ceiling lighting produces a gentle, low-contrast glow that lets water, walls, and architecture blend smoothly together.

The soft, balanced lighting subtly directs perception toward calmness without distracting or influencing emotion, making presence integral to the space.

# Astral | Hospitality

In bars and upscale venues, controlled layered lighting, like Astral’s indirect ceiling glow, enhances dark materials and maintains intimacy without overpowering the space.

## Astral | Cooperate

Astral uses large circular ceiling lights to provide even, steady lighting in tall corporate spaces, enhancing visibility without causing glare. This subtle, rhythmic lighting supports comfort and functionality for professional settings.

## Downlight

ϕ55

ϕ60

## CRI

**90 | 92 | 95**

**2700K | 3000K | 3500K | 4000K**

**2700K-5700K**

| Model | Cut-out |
|---|---|
| D126-3-A | 55mm |
| D126-3-B | 60mm |

## Downlight + RGBW Upward Light

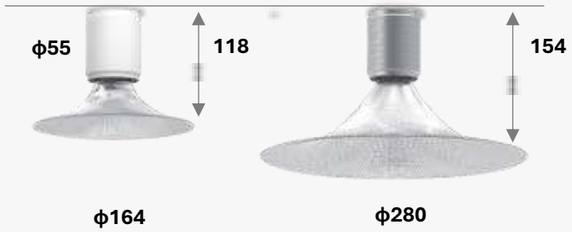
ϕ75

ϕ80

| Model | Cut-out |
|---|---|
| D126-4-A | 75mm |
| D126-4-B | 80mm |

| | Cut-out | Translucent baffle |
|---|---|---|
| D126-4-A-1 | 75mm | 164mm |
| D126-4-B-1 | 80mm | 164mm |

| | Cut-out | Translucent baffle |
|---|---|---|
| D126-4-A-2 | 75mm | 280mm |
| D126-4-B-2 | 80mm | 280mm |




| CRI | SDCM |
|---|---|
| 90 \| 92 \| 95 | ≤3 |

**2700K | 3000K | 3500K | 4000K**

**2700K-5700K**

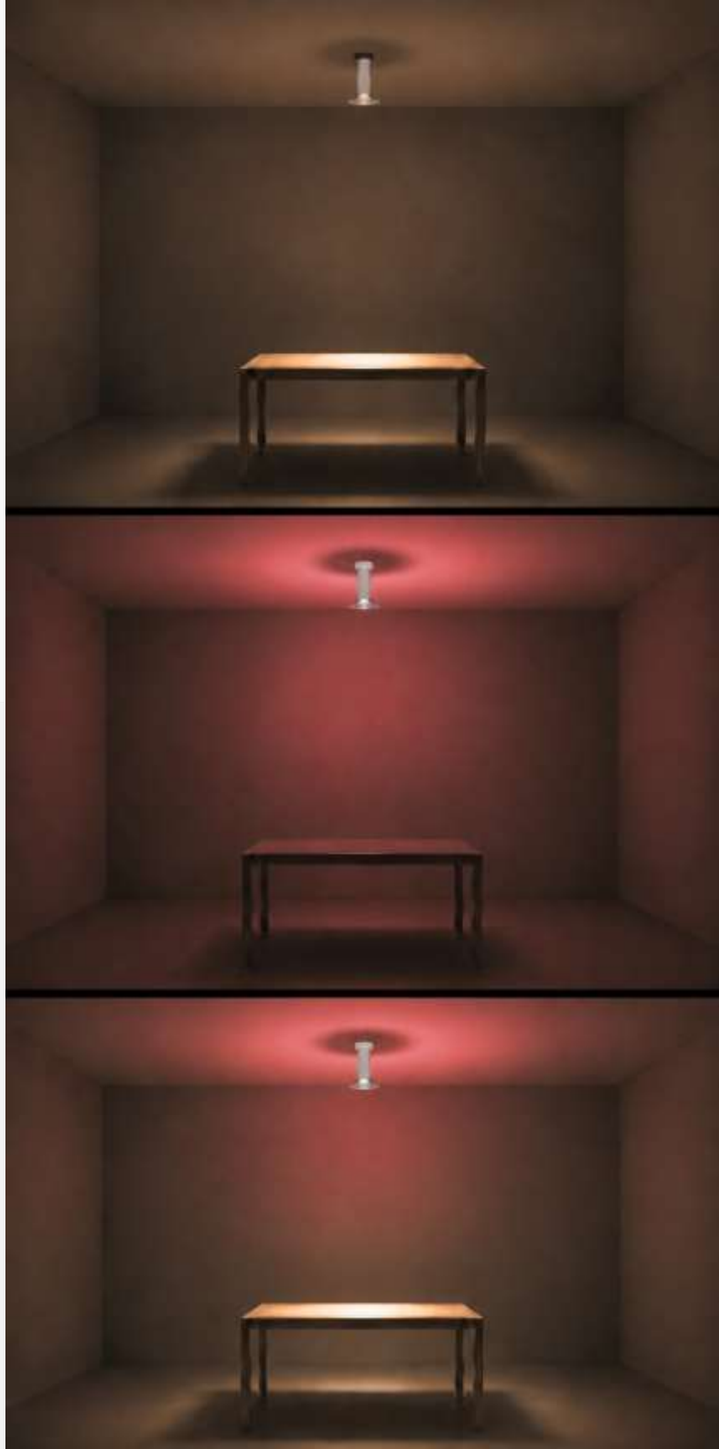
| Model | Upward RGBW | Translucent baffle |
|---|---|---|
| C47 | - | 164mm |
| C47-1 | - | 280mm |


| CRI | SDCM |
|---|---|
| 90 \| 92 \| 95 | ≤3 |

**2700K | 3000K | 3500K | 4000K**

**2700K-5700K+ RGBW**

| Model | Upward RGBW | Translucent baffle |
|---|---|---|
| C47-2 | √ | 164mm |
| C47-3 | √ | 280mm |




| CRI | SDCM |
|---|---|
| 90 \| 92 \| 95 | ≤3 |

**2700K | 3000K | 3500K | 4000K**

**2700K-5700K**

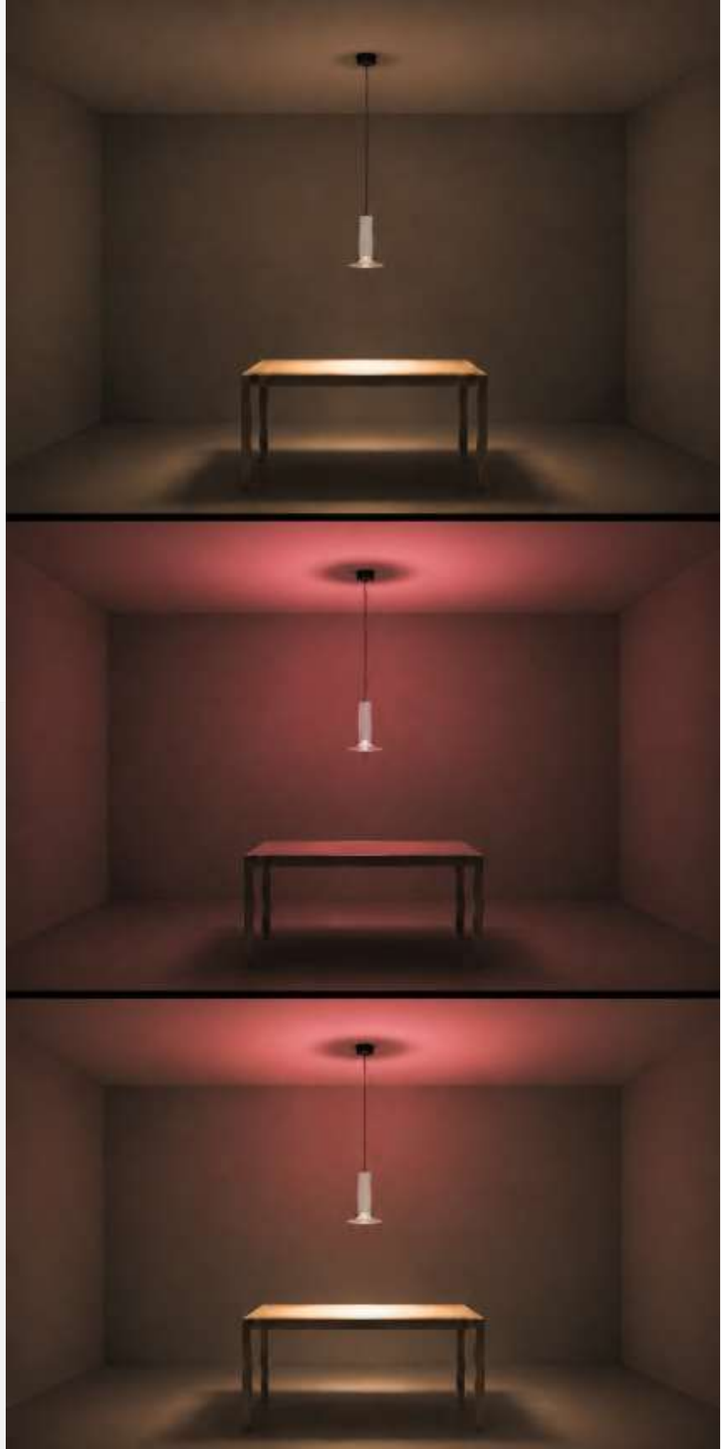
| Model | Upward RGBW | Translucent baffle |
|---|---|---|
| P48 | - | 164mm |
| P48-1 | - | 280mm |

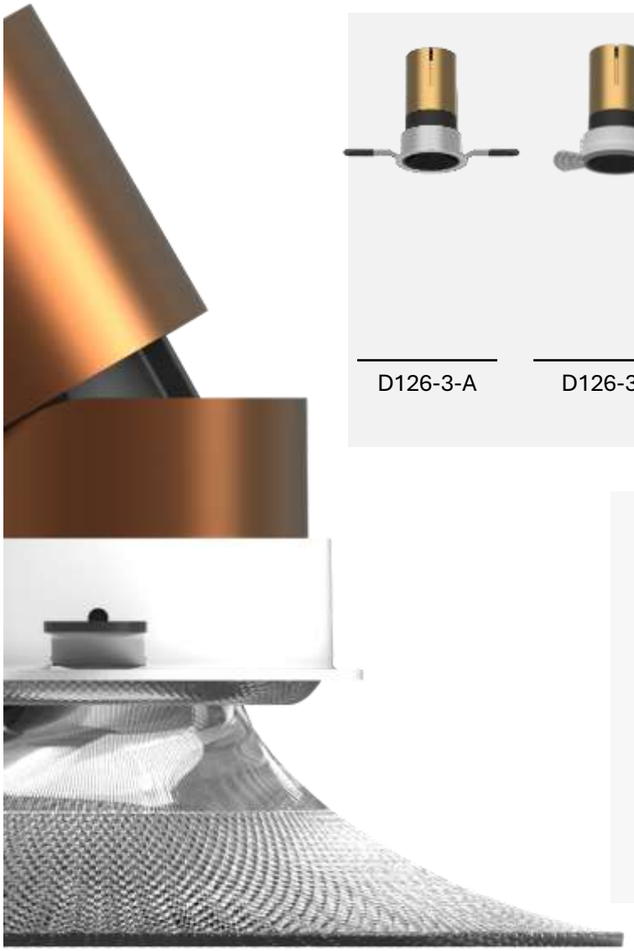

| CRI | SDCM |
|---|---|
| 90 \| 92 \| 95 | ≤3 |

**2700K | 3000K | 3500K | 4000K**

**2700K-5700K+ RGBW**

| Model | Upward RGBW | Translucent baffle |
|---|---|---|
| C47 | √ | 164mm |
| C47-1 | √ | 280mm |



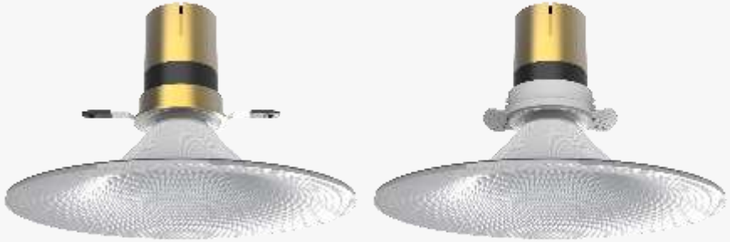




D126-3-A D126-3-B

D126-4-A D126-4-B

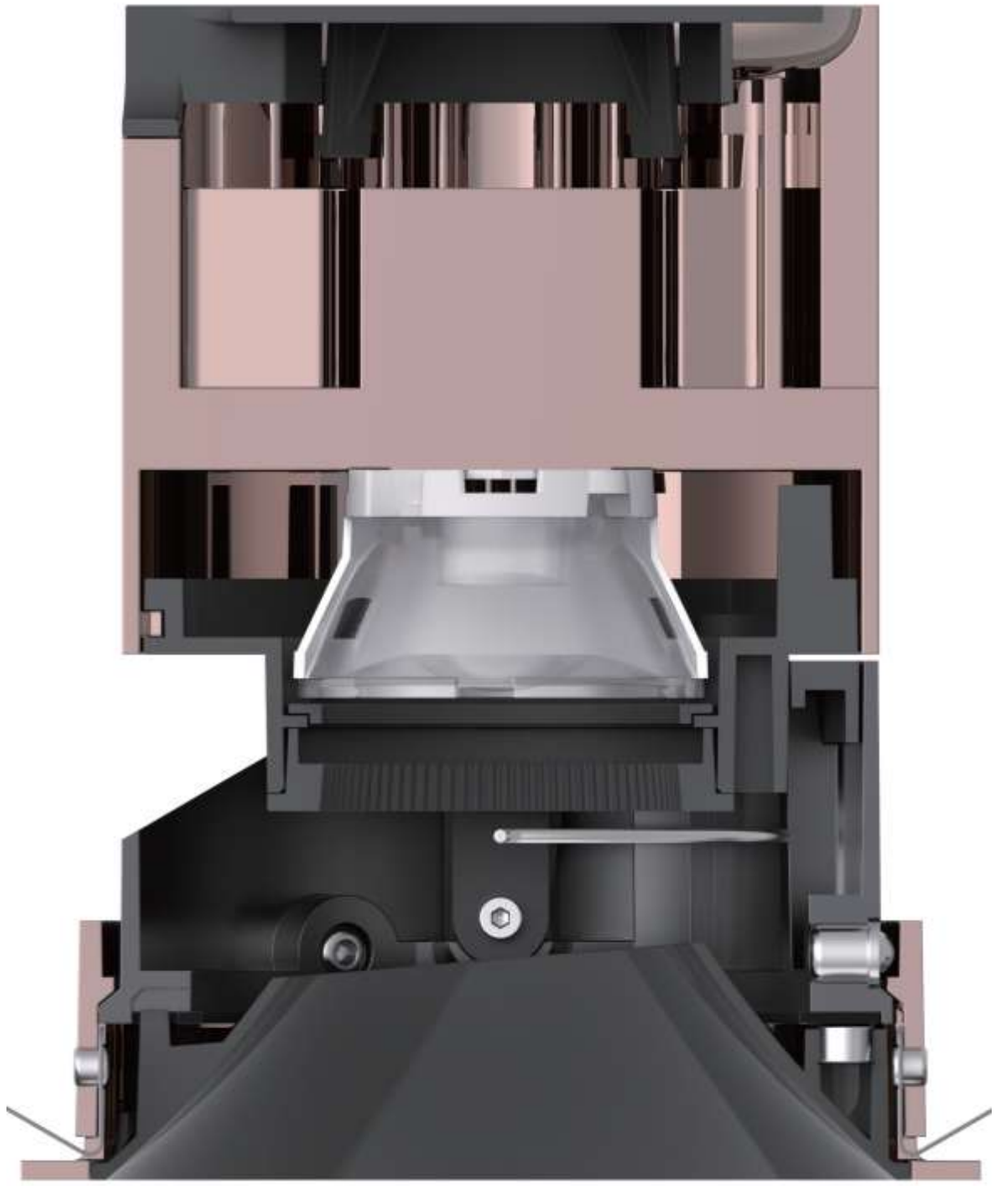
D126-4-A-1 D126-4-B-1



D126-4-A-2 D126-4-B-2

| Model | Power | Output | CCT1 | CCT2 | CRI | SDCM | Beam1 | Beam2 | Ctrl | Accessories |
|---|---|---|---|---|---|---|---|---|---|---|
| D126-3-A | 10W | 1000lm | 2700K | **N/A** | 90 | ≤3 | 15° | **N/A** | BLE | |
| D126-3-B | 10W | 1000lm | 3000K | | 92 | ≤3 | 24° | | DALI | |
| D126-4-A | 15W+8W | 650lm+520lm | 4000K | **RGBW** | 95 | ≤3 | 36° | Flood | | Translucent Baffle |
| D126-4-B | | 650lm+520lm | **Tunable White** | | **97** | ≤3 | 50° | | | Translucent Baffle |
| D126-4-A-1 | | 650lm+520lm | | | | | | | | |
| D126-4-B-1 | | 650lm+520lm | | | | | | | | |
| D126-4-A-2 | | | | | | | | | | |
| D126-4-B-2 | | | | | | | | | | |

| Remark | |
|---|---|
| CCT1 | **Downlight** |
| CCT2 | Atmosphere Light- RGBW |
| SDCM≤3 | SDCM ≤2 is available by request |
| CRI-97 | On request |



# Independent Dual-Circuit Control

## Brightness & Colour Temperature Flexibility

The uplight and downlight run on separate circuits, each with its own dimming and colour temperature controls for precise adjustment and smart lighting management.

## Flexible Combination of Brightness and CCT

All light sources offer smooth brightness and colour temperature control from **2700K warm white to 5700K cool white**, plus full **RGBW spectrum** for diverse lighting moods.

## System Integration Capability

Works with popular smart building and home systems, offering scene presets, scheduling, and advanced controls for easy and efficient lighting management.

Compatible with mainstream smart building and smart home systems, supporting scene presets, scheduling and advanced lighting functions for intuitive control.

# Deep Recessed Light Source | Ultimate Glare Control

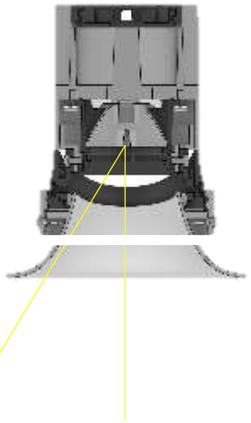
## Design Concept

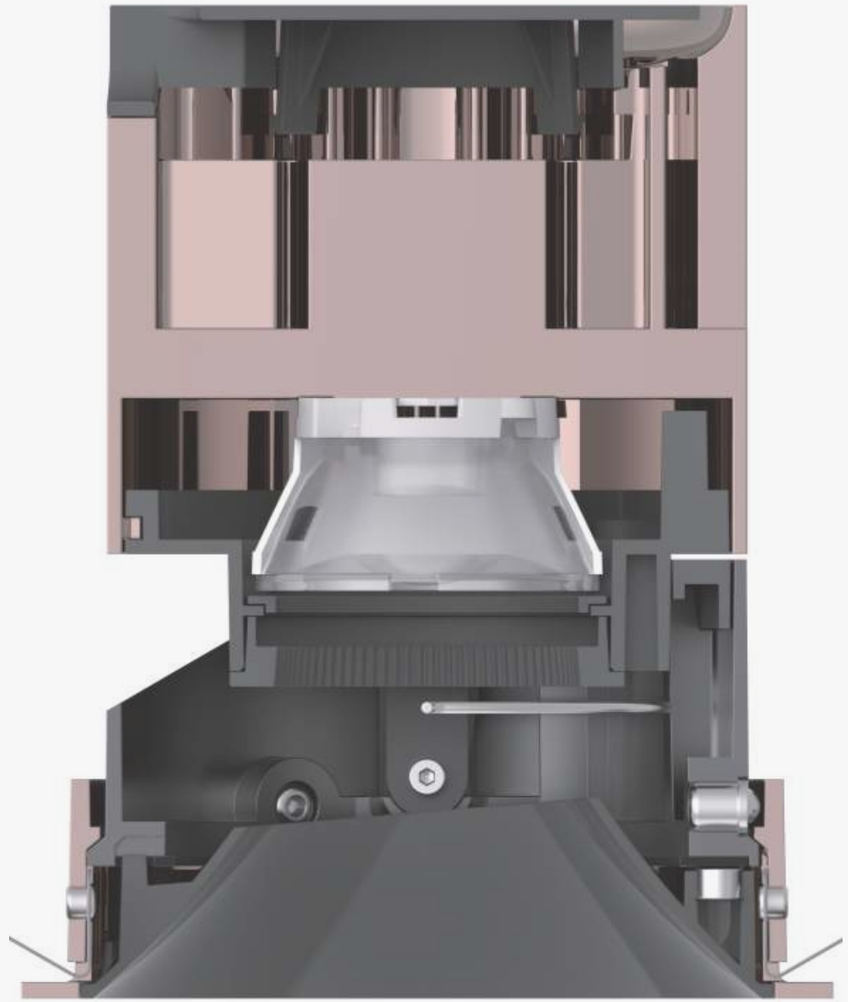
The light is recessed with a reflector and optics that soften and diffuse it, creating a smooth, even glow without harsh spots.

This approach is effective in places where people spend more time, such as living rooms and hotel lobbies, reducing eye strain and enhancing the atmosphere.

## Technical Advantages

- UGR < 16
- Smooth, natural light transitions
- Suitable for ceiling heights of 2.6–3.2 m
- Significantly improved visual comfort

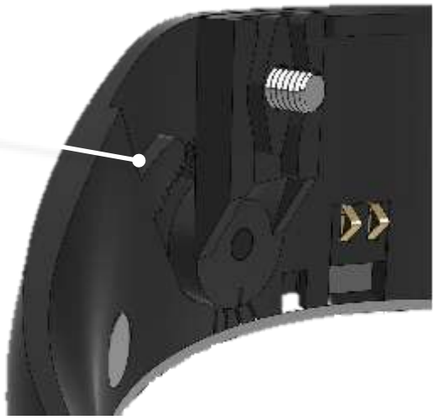




Positioning Gear Mechanism

# Precision Positioning Capability

The base light ensures spatial readability, while coloured light responds to exhibitions, events and temporal changes. Independently controlled, the two light sources do not interfere with each other, yet together define the rhythm and emotional layering of the space.




C47

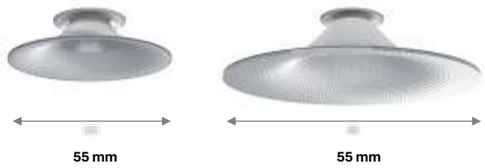
C47-1

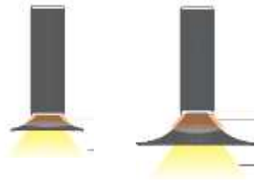

C47-2

C47-3

| Model | Power | Output | CCT1 | CCT2 | CRI | SDCM | Beam1 | Beam2 | Ctrl | Accessories |
|---|---|---|---|---|---|---|---|---|---|---|
| Astral | 10W | 960lm | 2700K | **N/A** | 90 | ≤3 | $15^0$ | **N/A** | Switch | Translucent Baffle |
| Astral-TL | | 960lm | 3000K | **N/A** | 92 | ≤3 | $24^0$ | **N/A** | DALI | |
| Astral-S | 15W+8W | 650lm+520lm | 4000K | **RGBW** | 95 | ≤3 | $36^0$ | Flood | BLE | |
| Astral-M | | 650lm+520lm | **Tunable White** | **RGBW** | **97** | ≤3 | $50^0$ | Flood | | |

| Remark | |
|---|---|
| CCT1 | **Downlight** |
| CCT2 | Atmosphere Light- RGBW |
| SDCM≤3 | SDCM ≤2 is available by request |
| CRI-97 | On request |



P48

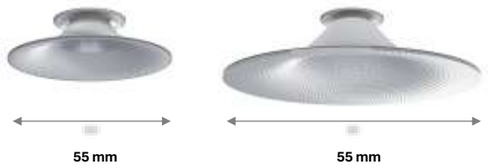
P48-1

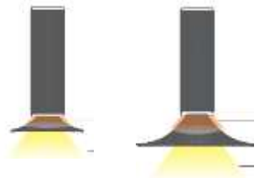
P48-2

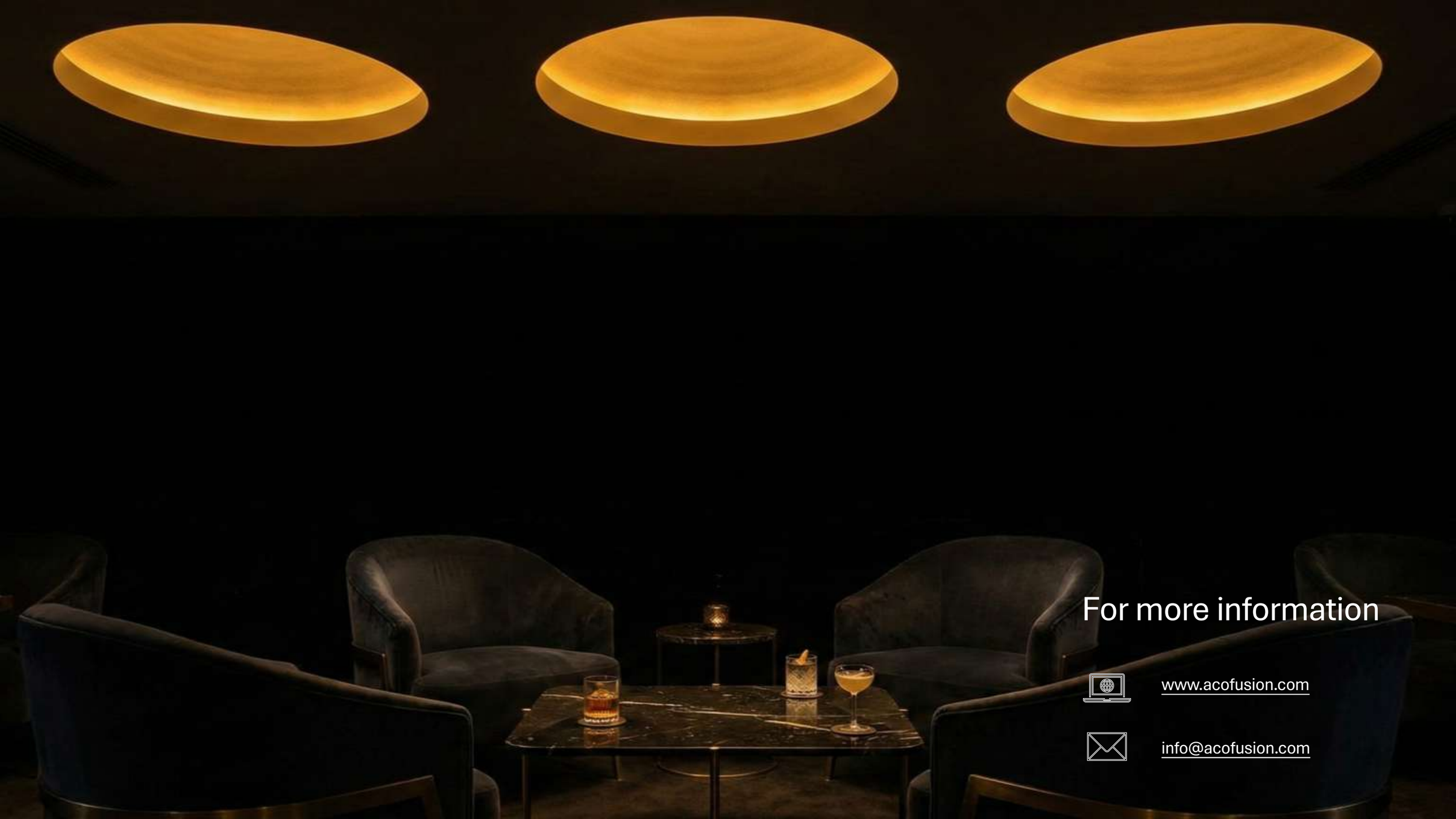
P48-3

| Model | Power | Output | CCT1 | CCT2 | CRI | SDCM | Beam1 | Beam2 | Ctrl | Accessories |
|---|---|---|---|---|---|---|---|---|---|---|
| P48 | 15W | 960lm | 2700K | **N/A** | 90 | ≤3 | $15^0$ | **N/A** | Switch | Translucent Baffle |
| P48-1 | 15W | 960lm | 3000K | **N/A** | 92 | ≤3 | $24^0$ | **N/A** | DALI | |
| P48-2 | 15W+8W | 650lm+520lm | 4000K | **RGBW** | 95 | ≤3 | $36^0$ | Flood | BLE | |
| P48-3 | | 650lm+520lm | **Tunable White** | **RGBW** | **97** | ≤3 | $50^0$ | Flood | | |

| Remark | |
|---|---|
| CCT1 | **Downlight** |
| CCT2 | Atmosphere Light- RGBW |
| SDCM≤3 | SDCM ≤2 is available by request |
| CRI-97 | On request |





## For more information

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