

LIGHT
THE DETAILS.
NOT JUST THE SPACE.

RAYA
ARCHITECTURAL LIGHTING



ABOUT RAYA

Light shapes the way we experience space.

RAYA is an architectural lighting design studio providing professional lighting solutions for residential, hospitality, and commercial projects across the GCC and Middle East.

We combine architectural lighting design with global sourcing capabilities, connecting projects with carefully selected lighting manufacturers and suppliers in China and worldwide. By sourcing directly and selecting the right products for each project, we help our partners optimize lighting costs without compromising design intent, quality, or performance.

Better Design. Smarter Sourcing. Better Project Value.

DESIGN APPROACH

Architecture-led, layered, comfortable, technically considered.

REGIONAL FOCUS

Remote design collaboration and project support across the GCC and Middle East.

SERVICES

From concept to light.

01 Lighting Concept Design

Atmosphere, lighting hierarchy, color temperature, layers, and visual direction.

02 Complete Lighting Design

Lighting layouts, fixture selection, design illuminance targets, specifications, and schedules.

03 Lighting Consultancy

Design review, optimization, and coordination with architecture, interiors, and MEP.

04 Fixture Selection & Sourcing Support

Performance-based fixture selection plus global sourcing from China and selected manufacturers worldwide, aligned with design intent, quality, and project budget.

DELIVERABLES

Design backed by detail.

Lighting Concept	Lighting Layouts
Design Illuminance Targets	Fixture Selection
Technical Specifications	Fixture Schedule / BOQ
Lighting Control Recommendations	Technical Coordination

Final deliverables are tailored to the project's stage, available architectural information, and agreed scope.

PROCESS

A clear workflow. Better coordination.

01	UNDERSTAND	Review architecture, interiors, project brief, budget, and technical constraints.
02	CONCEPTUALIZE	Define atmosphere, lighting hierarchy, CCT, key focal points, and control intent.
03	DESIGN	Develop layouts, fixture types, beam angles, wattages, and target illuminance.
04	COORDINATE	Align lighting with ceiling design, joinery, MEP, architecture, and control requirements.
05	DELIVER	Issue coordinated drawings, schedules, specifications, and design notes.

CONCEPT PROJECT 01: Luxury Villa - Quiet Luxury Through Light



PROJECT

Contemporary private villa | GCC concept study | Approx. 450 m²

SCOPE

Ground-floor architectural lighting concept + terrace and landscape lighting direction.

This study demonstrates RAYA's design methodology. It is conceptual portfolio work and is not presented as a completed built project.

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ARCHITECTURAL LIGHTING

LIGHTING STRATEGY

Layered. Natural. Timeless.



INTERIOR DIRECTION

Predominantly 3000K, CRI 90+, controlled glare, warm indirect light, and focused accents.

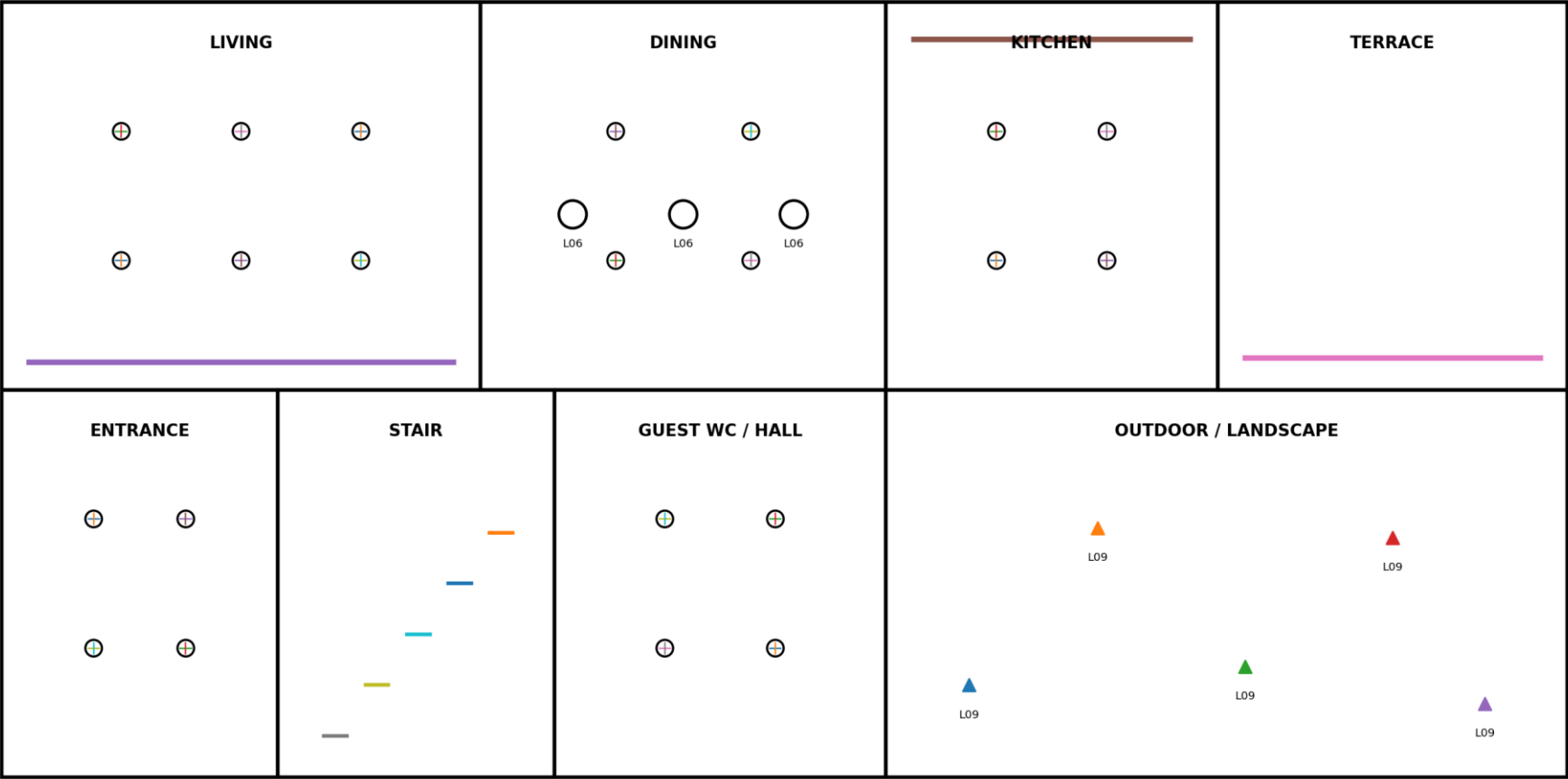
LIGHTING LAYERS

Ambient / indirect • accent • task • decorative • integrated linear lighting.

GROUND FLOOR

Conceptual Lighting Layout

RAYA | CONCEPTUAL LIGHTING LAYOUT - GROUND FLOOR



Concept study only - not for construction. Final positions and quantities require project drawings and calculation.

FIXTURE PALETTE

Performance before decoration.

Code	Type	Power	CCT	CRI	Optic
L01	Recessed downlight	8-10 W	3000K	CRI 90+	24°-36°
L02	Adjustable spotlight	10-12 W	3000K	CRI 90+	15°-36°
L03	Linear profile	10-14 W/m	3000K	CRI 90+	Diffused
L04	Cove lighting	10-14 W/m	3000K	CRI 90+	Indirect
L05	Wall washer	12-18 W	3000K	CRI 90+	Asymmetric
L06	Decorative pendant	Project specific	3000K	CRI 90+	Decorative
L07	Step light	2-4 W	3000K	CRI 90+	Wide
L08	Outdoor bollard	6-10 W	3000K	CRI 80+/90+	Shielded
L09	In-ground uplight	8-12 W	3000K	CRI 80+/90+	Narrow/medium

Indicative specifications for concept communication only. Final photometry and fixture selection depend on approved products, ceiling details, mounting conditions, and calculations.

DESIGN CRITERIA

Indicative illuminance targets

Space / Area	Target	Design Intent
Living area	100-200 lux	Comfortable ambient + accent layers
Dining table	150-300 lux	Dimmable decorative / focused light
Kitchen - general	200-300 lux	Uniform general illumination
Kitchen - task	300-500 lux	Worktop task lighting
Circulation	75-150 lux	Safe, comfortable transition
Staircase	75-150 lux	Integrated step + ambient lighting
Terrace	50-150 lux	Low-glare evening ambience
Landscape feature	50-150 lux	Selective accent, avoid over-lighting

These are design targets, not a DIALux/Relux simulation. Project-specific calculations are performed when accurate geometry, surface reflectances, and selected luminaire photometric files are available.

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ARCHITECTURAL LIGHTING

KEY SPACES

Living, dining, kitchen, circulation.



LIVING + DINING

Soft indirect light for ambient comfort, adjustable accents for art/materials, and decorative pendants to create hierarchy.

KITCHEN + STAIR

Task-focused lighting at work surfaces; integrated linear and step lighting for clarity, safety, and architectural continuity.

Architecture after dark.



FACADE

Controlled wall grazing / washing to reveal texture and massing without flattening the architecture.

LANDSCAPE

Shielded path lighting, tree uplighting, step integration, and selective focal accents with glare control.

Designed to integrate with your project.

WE COORDINATE WITH

Architecture • Interior Design • RCP / ceiling design • Joinery • MEP • Lighting controls • Landscape

WE CAN JOIN AT

Concept stage • Design development • Tender / specification • Design review
• Value engineering • Procurement / sourcing support

RAYA can work as an external lighting design and sourcing partner, supporting your studio with project-based design, technical documentation, fixture specification, global sourcing, and cost optimization while respecting the architectural concept, quality requirements, and client budget.

PROJECT BRIEF

What we need to start.

DRAWINGS

Architectural plans, reflected ceiling plans, elevations / sections, and CAD when available.

VISUALS

Interior renders, material palette, mood references, landscape concept, and facade elevations.

PROJECT INFO

Location, project type, approximate area, current stage, deadline, and expected deliverables.

BUDGET / PRODUCT DIRECTION

Preferred fixture brands if any, target budget, sourcing constraints, and control requirements.

WHY RAYA

Design first. Light with purpose.

ARCHITECTURE-LED

Lighting is developed around architecture, materials, use, and atmosphere - not added as an afterthought.

FLEXIBLE COLLABORATION

Project-based support for architecture and interior design studios, contractors, developers, and private clients.

TECHNICAL THINKING

Fixture performance, glare, CCT, CRI, beam control, target illuminance, coordination, and documentation.

GLOBAL SOURCING

Direct sourcing support from China and selected manufacturers worldwide to improve project value and procurement efficiency.

RAYA
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YOUR NEXT PROJECT.
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RAYA Company Profile + Concept Portfolio | V4