

Precision Motorised Lighting for
Interior Design Excellence

ACOfusion
Lighting Smartly



RoboTrac
RoboCan
RoboRadar





Welcome

Banquet



Stage

Banquet



Dining

Banquet



Welcome

Seminar



Stage

Seminar

One Room. Endless Scenes.

Lighting adapts as purpose shifts —
No ladders. No delays. Just clarity.

| *Motorised control*

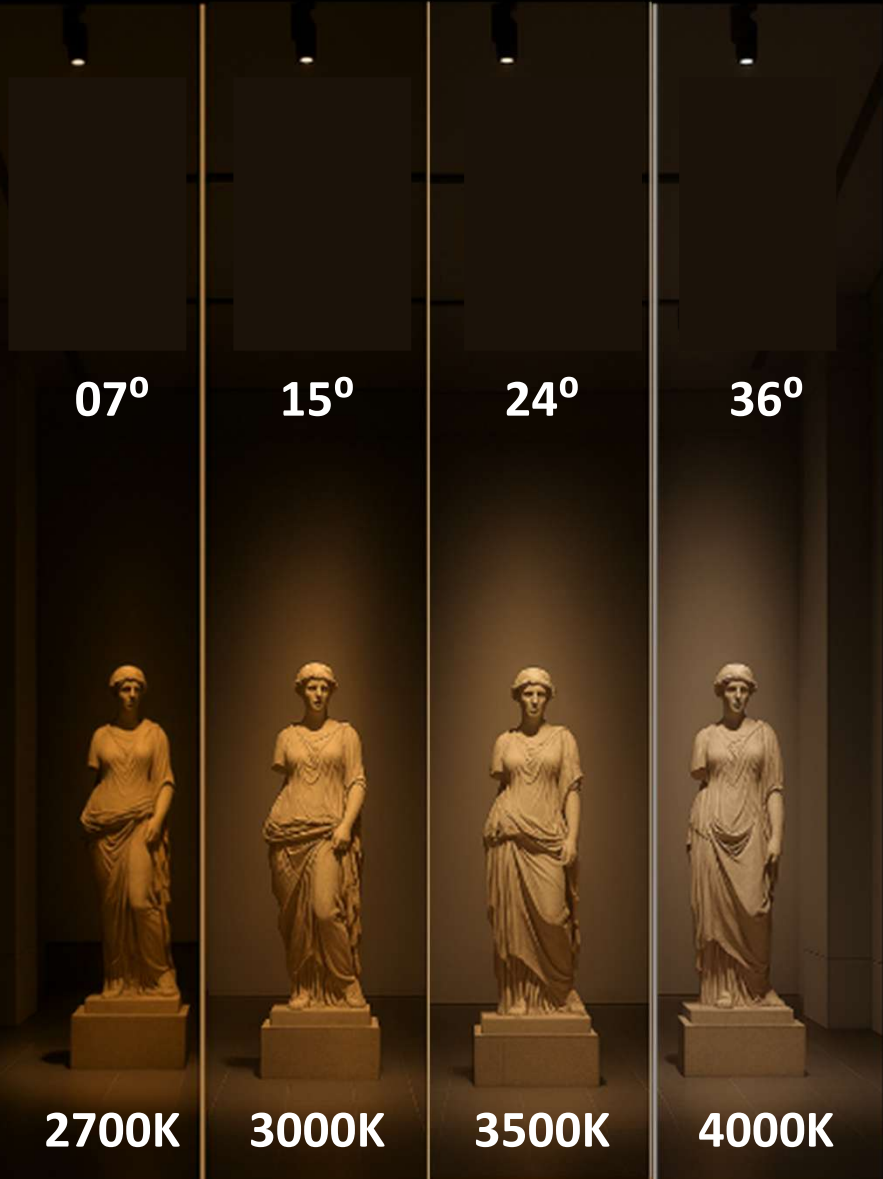


What if curators didn't have to settle on just one version of the light?

Robo's motorised tilt, pan and beam zoom (12°–55°) lets light evolve with your intent — shifting between intimacy and grandeur, outline and atmosphere, drama and restraint.

Without ladders. Without rewiring. Without interrupting the silence of the space. Because in a cultural space, sometimes a small shift in light says more than the artwork label ever could.

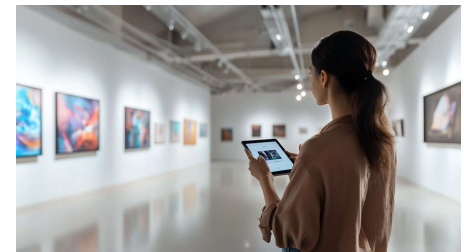




When lighting responds from a wider view,
every piece finds its place — just right.

Not by chance, not by climbing.
But through quiet decisions, made with clarity.

| ***Motorised control***



**One light
reveals
her
mystery.**



**Another
lets her
speak.**





Hospitality

Grand Lobby



Hospitality

Wedding Event



Hospitality

Party Event



Hospitality

Seminar



Commercial

Retail



Culture

Gallery



Culture

Museum

Every welcome deserves its own light.

From morning check-ins to evening welcome cocktails, lobbies live many lives in a single day. Lighting needs to shift tone — not just stay on.

No two weddings are the same — neither is their lighting.

Table layout, floral height, ceiling drapes — no two weddings are alike. So why force them to share the same light?

The spotlight moves, without the ladder.

The DJ booth just moved. The dance floor changed shape. The lighting still lands where it's meant to — without asking for scaffolding.

Light knows when to lead, and when to step back.

From keynote talks to Q&A to coffee breaks. Focus lighting knows when to zoom in, and when to dim back.

Displays change. Lighting adapts. Instantly.

Window displays change monthly. Mannequins rotate. And Robo's narrow beams follow each shift, without spilling where they shouldn't.

Art sets the tone — light follows gently.

Some pieces need contrast. Others need softness. Focus beams tilt, fade, and guide — without ever touching the frame.

Lighting that stays quiet, even when stories grow loud.

Preservation demands control. Guests seek immersion. With programmable angles and tight optics, Robo lighting fades into the background — while bringing every sculpture forward.

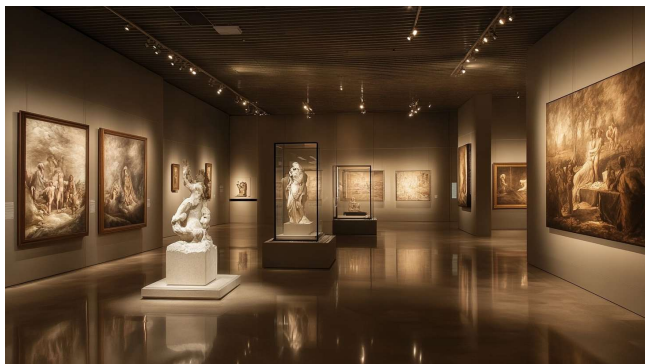
Lighting That Moves

**Spaces shift. Tables rearrange.
Seasons change.**

Great lighting doesn't just sit in place — it responds.

Unlike traditional fixed fixtures, our **RoboTrac**, **RoboCan**, and **RoboRadar** motorised **luminaires** respond to evolving layouts and themes — offering layered, purpose-driven focus that aligns with every moment.

From gallery halls to retail windows, event rooms to open-plan offices, light becomes more than ambience. It becomes a design tool — one that quietly enhances what matters most.



Culture

Direct attention without distraction. Adapt lighting focus across exhibitions, installations, or seasonal displays — all from above, all without touching a single fitting.



Hospitality

Let each gathering have its own glow. With adjustable tilt and beam, lighting highlights tables and floral centrepieces — even as layouts rotate between lunch, dinner, or celebration.



Retail

A window display isn't static — and your lighting shouldn't be either. RoboCan allows you to redefine product focus as collections change, drawing the eye to what matters now.



Cooperate

Whether set for a meeting, reception, or presentation, narrow-beam lighting can follow the arrangement — creating comfort, clarity, and focus, without the glare.

Lighting That Focuses with Purpose

Hotel spaces are rarely static.

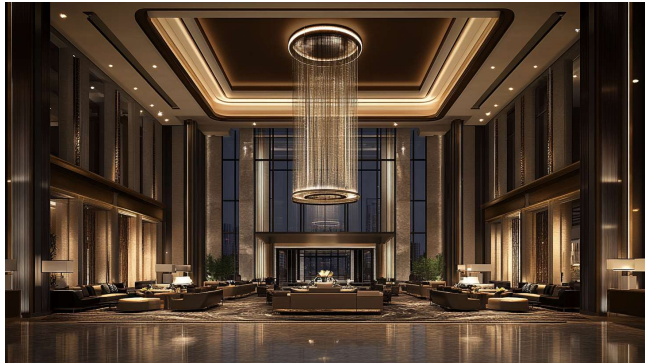
Layouts shift. Themes evolve. Events follow the rhythm of the calendar — from weddings to Lunar New Year dinners, seasonal banquets to brand showcases.

Yet while the tables move and the mood changes, lighting is often expected to stay the same.

Instead, light becomes a responsive design tool — able to **focus**, **adapt**, and **enhance** each setting as it unfolds.

From a grand ballroom to a quiet dining room, every spotlight can be where it needs to be — no repositioning required.

No matter the ceiling height, the layout, or the occasion.



Grand Lobby

Elevate the arrival. Highlight seasonal décor, floral installations, or sculptures with focused lighting that adjusts as the scene changes.



Bar and Lounge

Create an intimate glow for small tables or softly define lounge zones — even as furniture shifts between daytime and evening service.



Grand Ballroom

Whether set for a gala, a themed holiday dinner, or a conference, RoboCan lets your lighting match the tone — not just the architecture.



Restaurant

Precision beams follow the table, not the plan. Plates, centrepieces, and faces are illuminated with care, even as layouts change nightly.



Welcome

Guiding Light that Sets the Tone



Stage

Framing the Spotlight with Precision



Banquet

Table-Centric Warmth

Lighting that Moves with the Moment

Not every evening begins and ends the same way.

In hotel venues where the purpose of a room evolves within hours — the lighting needs to keep up, quietly.

What begins as a **welcoming arrival** — guests stepping into a softly lit aisle — may soon shift into a **spotlighted speech** or a **stage performance**. Moments later, the same room might transform into a **warm, intimate dinner space**, where each table deserves its own glow.

With **RoboCan's motorised focus lighting**, you can shape that transformation — instantly.

- **Define zones** through **layered lighting** across tables, stages, and walkways
- Adapt quickly to new themes with **scene presets**, even in halls with ceilings over 8 metres high

Just light that knows what the moment needs — and delivers it, every time.



Welcome
Sets the scene



Stage
Framing the Spotlight with Precision



Banquet
Table-Centric Warmth

Lighting that Evolves with Your Event

One Room. Many Purposes. Seamlessly Lit.

A single ballroom rarely hosts a single story.

It begins as a space of quiet anticipation — a softly lit aisle guiding arrivals in. An hour later, all attention shifts forward — a keynote, a toast, or a performance takes the spotlight.

By evening, tables glow with intimacy, inviting conversation and celebration.

With **RoboCan's motorised lighting**, the room adapts in real time.

No scaffolding. No manual refocus. Just intention — expressed in light.

- **Layered scenes** created through precise beam shaping and tilt
- **Scene presets** instantly align light with layout changes
- **From 07° to 36°**, a single fixture tells every part of the story

With the right control, it moves exactly when you need it to.

Lighting That Listens to the Space

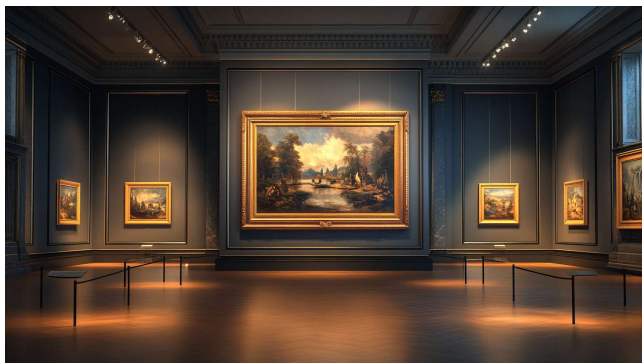
Because great lighting doesn't just illuminate — it interprets

From new installations to rotating exhibitions, cultural venues are in a constant state of quiet change.

But when fixtures are fixed, lighting can fall out of step.

RoboTrac, Motorised track lights adapt with ease — offering precise, layered illumination that follows each new story, without needing to refit or reposition.

From sculpture to canvas, from intimate alcoves to full gallery halls, lighting becomes a tool of curation — discreet, directional, and always in tune with the work.



Classical Gallery

Timeless works deserve timeless attention. Adjust angles and brightness remotely to bring focus exactly where it's needed — without casting spill or shadow on adjacent pieces.



Contemporary Art

With each layout refresh, lighting responds. Highlight texture, scale, or negative space with narrow-beam precision from above — always aligned to the room's intent.



Temporary Showcase

Where the layout evolves daily, flexibility matters. Reframe the spotlight as collections change — without stepping into the space or disrupting the setting.



Culture Halls

From public tours to private previews, lighting adapts instantly to event flow, guiding attention with clarity.

Stories Shift with the Light

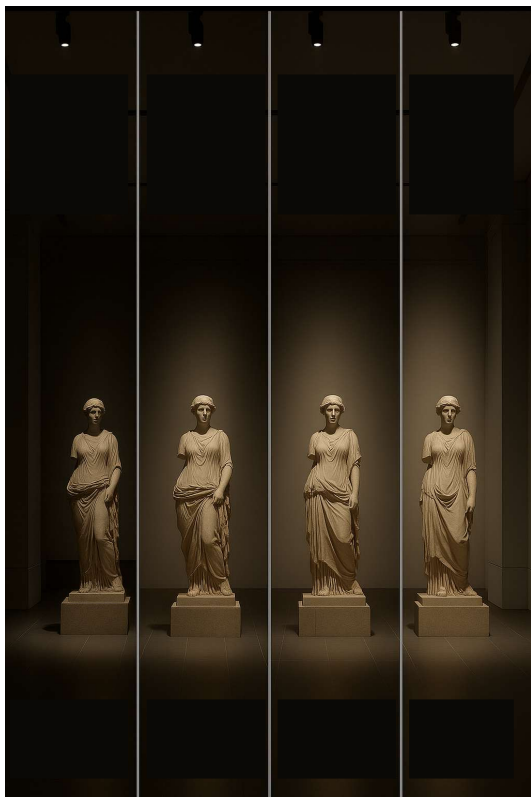
Lighting adapts. Interpretation follows.

Exhibitions change. Themes rotate. And even in the quiet rhythm of a gallery, what's on display—and how we see it—never stays still for long.

Unlike traditional lighting, which stays locked in place, **RoboTrac motorised track lights** adjust in response.

Beam angles, brightness, and colour temperature shift to reflect what's needed now—without needing to move a single fitting.

From sculpture to canvas, these small adjustments can reshape the way a work is felt: a sense of gravity, warmth, intimacy, or clarity—whatever the moment calls for. Lighting doesn't just show us the object. It tells us a new way to experience it.

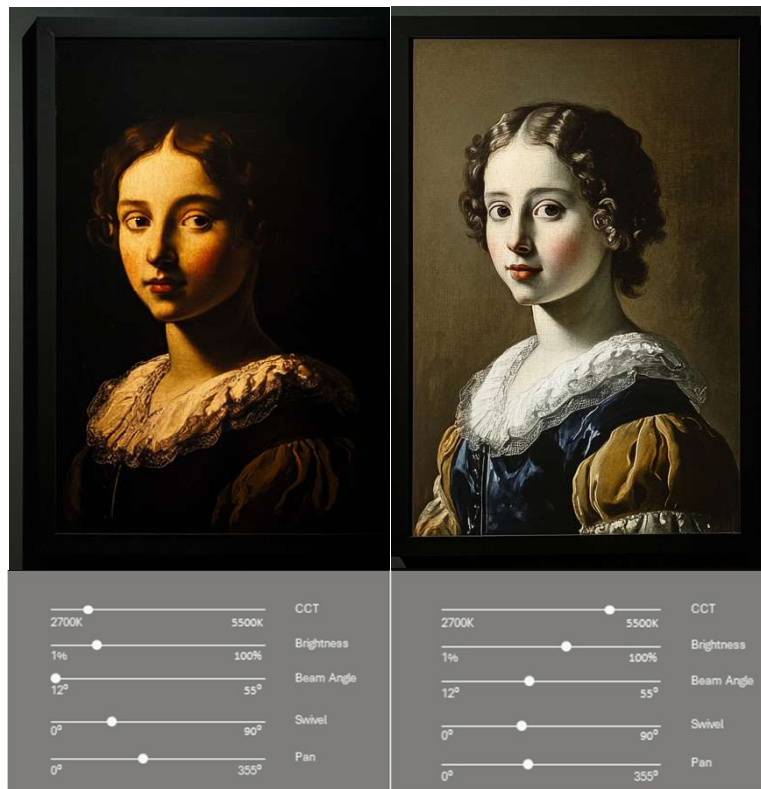


Fixed Beam

**A single sculpture.
Four different
impressions.**

7° to 36° — and with motorised controlled fine-tuning tilt and brightness, RoboTrac reveals how lighting can shape form, presence, and mood.

Each setting guides the eye differently: a sharp highlight, a balanced wash, or a gentle contour. The object stays the same — the interpretation shifts.



Zoomable Beam

**Same artwork,
different stories.**

RoboTrac's zoomable optics (**12°–55°**) and **tunable white** source bring unmatched control from above.

With subtle shifts in beam width, angle, and colour temperature, a single canvas can suggest drama, quietness, or warmth — all without physically repositioning a fixture.

Lighting no longer follows a fixed function. It follows the story being told.

History timeline 1

THIS DAY IN HISTORY

1925

JANUARY
15TH

Hans Luther forms
German
government

1933

FEBRUARY
5TH

Crew of Dutch "7
Provinces" mutiny
after pay cuts

1952

MARCH
6TH

Cuban coup d'état
took place in Cuba

1964

APRIL
7TH

Hugh Martin and
Timothy Gray's
musical "High
Spirits" opens at
Alvin Theater, NYC

1965

MAY
7TH

Bill Shoemaker
wins Kentucky
Derby with Lucky
Debonair

1970

JUNE
17TH

British rock band
Led Zeppelin
begin their last
European tour

1980

JULY
18TH

Billy Joel's album
tops US charts,
featuring "It's Still
Rock 'n' Roll to
Me"







Product Specification | Robo Family

Optical Feature

Zoom | 12° - 55°



Ultra-Spot | 07°

Narrow/ Medium | 15° , 24° , 36°



SDCM | ≤ 4 , ≤ 3 , ≤ 2 (by request)

Ra | ≥ 90 , ≥ 92 , ≥ 95 (by request)



Motorised Precision Control

Swivel Range	RoboTrac RoboRadar 0°-90° RoboCan 0°-30°
Pan Range	0° - 360°
Moving Speed	Tilt: 10°/s, Pan: 10°/s
Accuracy	1° Step Motor
Noise	35dB



Connectivity

2.4G WiFi

Bluetooth

ZigBee

DMX512

| Portable Remote Ctrl

| iOS LynxLite

| Android LynxPro

|



Robo Family

From classical ballrooms to minimalist lobbies, lighting plays a quiet but powerful role — shaping mood, guiding flow, and defining experience.

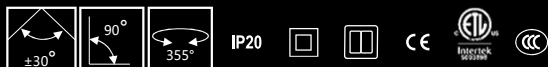
The Robo Family was built for spaces that evolve. Each luminaire offers motorised control, precision beam options, and layered flexibility — helping you move effortlessly between scenes, layouts, and lighting needs.

Whether it's a narrow 7° focus for a centrepiece, or a seamless pan and tilt for dynamic zoning, Robo's motorised collection adapts in real-time — no ladders, no interruption.

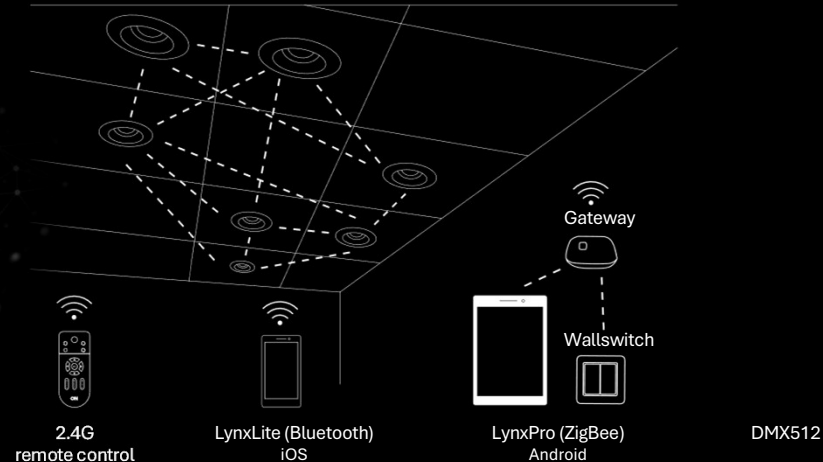


Model	Power	CCT	CRI	SDCM	Beam	2.4G WiFi	APP	DMX512	Accessories
RoboTrac	28W	2700K	90	≤3	Zoom	✓	ZigBee	-	Remote Ctrl
RoboTrac-V	28W	3000K	92	≤3	07°	✓	ZigBee	-	ZigBee Gateway
	35W	4000K	95	≤3	15°	✓	-	✓	Honeycomb
	45W	Tunable White		≤3	24°	✓	-	✓	
RoboRadar	20W			≤3	36°	✓	Bluetooth	✓	
RoboCan	28W	2700K (on request)	98	≤3			ZigBee	-	

Remark		Remark	
Zoom	12°-55°	R9	R9 = 60, @CRI90
07°	Not available with Tunable White		R9 = 75, @CRI95
SDCM≤3	SDCM ≤2 is available by request	R15	R15 = 85, @CRI90
CRI-98	On request		R15 = 90, @CRI95



Connectivity | Overview



	ZigBee	Bluetooth	2.4G Wi-Fi	DMX512
Radio	DSSS	FHSS	FHSS	-
Operating Range	15-100m	15-30m	15m	-
Network Topology	MESH	MESH	MESH	DMX
Expandability	Yes	Yes	-	-
Accessories	Gateway	-	Remote Ctrl	-
Control System	Android	iOS	Remote Ctrl	DMX Console
WiFi Environment	-	-	-	-
APP	LynxPro	LynxLite	-	-
Compatibility	RoboTrac, RobiTrac-V RoboCan	RoboRadar	RoboTrac RoboTrac-V RoboCan RoboRadar	RoboTrac-V RoboRadar

ZigBee Gateway

Each gateway recommended control devices is 50 sets. Please inquiry us for more specific details.

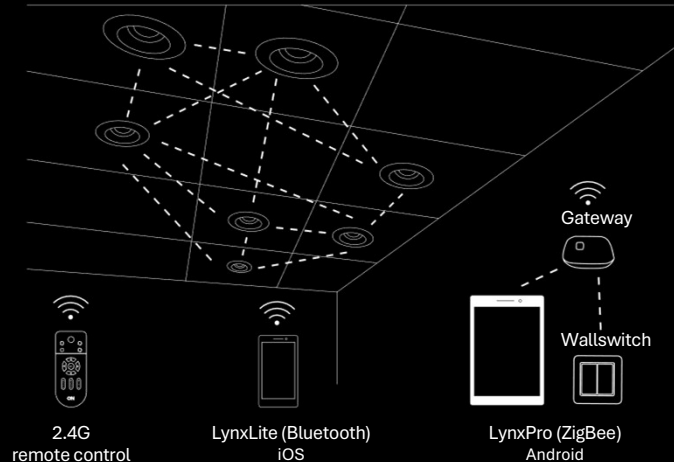
DMX512

DMX address can be programmed depending on client's request.

For further information or request, please contact us directly if custom solution is required.



I General



DMX512

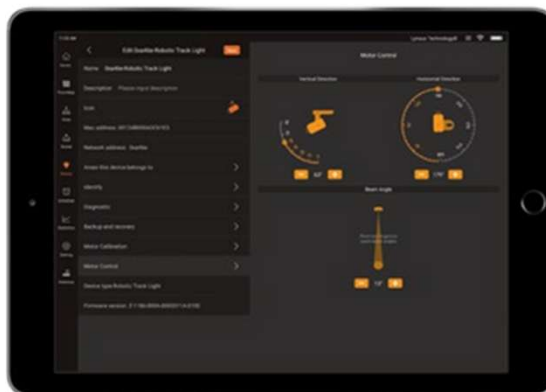
Grouping Fixtures

Streamline management by grouping fixtures for intuitive and efficient control of individual lighting scenes.



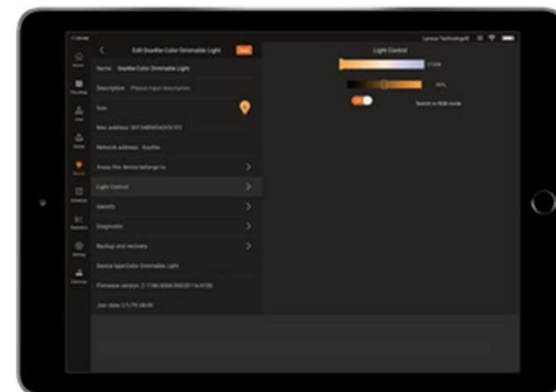
Precision movement

Pan, tilt, or Zoom, control effortlessly at your fingertip.

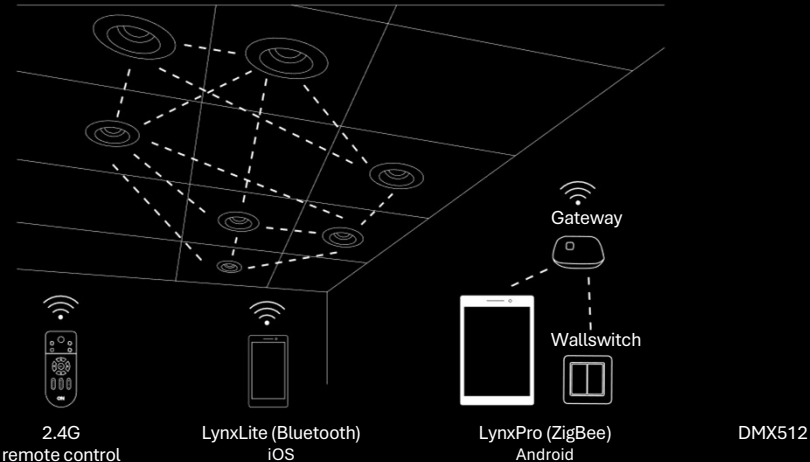


Brightness and Colour shifting

Individual or group control, with preset scenes or time automation.



Connectivity | Floor Mapping

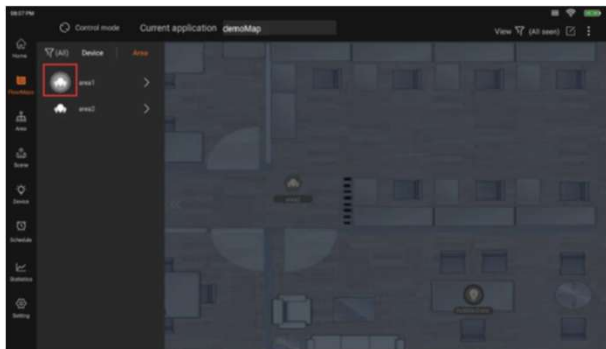


Floor mapping control

Take control of your lighting with precision and ease.

Our floor mapping interface allows you to group fixtures visually, enabling quick adjustments to individual lights or entire zones – all from a single screen.

Whether you're preparing for a gallery opening, hosting a conference, or setting a scene in a luxury suite, the intuitive system ensures every light is exactly where you want it.



RoboTrac

**Spaces shift. Tables rearrange.
Seasons change.**

Great lighting doesn't just sit in place — it responds.

Unlike traditional fixed fixtures, our **RoboTrac**, **RoboCan**, and **RoboRadar** motorised luminaires respond to evolving layouts and themes — offering layered, purpose-driven focus that aligns with every moment.

From gallery halls to retail windows, event rooms to open-plan offices, light becomes more than ambience. It becomes a design tool — one that quietly enhances what matters most.



Efficient Heat Dissipation Body

Constructed from die-cast aluminium for the body and joints, the structure is robust, while excellent heat dissipation extends the lifespan of the fixtures.



Sleek Design

Constructed from die-cast aluminium for the body and joints, the structure is robust, while excellent heat dissipation extends the lifespan of the fixtures.



Precision Optics

Excellent glare control and, with the choice of **Zoom (12°- 55°)**, **7°**, **15°**, **24°** and **36°** lenses, ensuring uniform light distribution and ample output for various lighting needs.



Ctrl System

2.4G and **Zigbee** smart control technologies, allowing users to remotely manage the movement, dimming, and CCT via the corresponding app for personalized lighting effects.



RoboTrac

In grand classical interiors or modern minimal spaces, **lighting should do more than glow**—it should elevate the experience.

With **RoboTrac's motorised precision**, shift from ambient elegance to table-focused drama with just a touch. Whether it's an intimate dinner or a bold centerpiece, RoboTrac adapts instantly—**no ladders, no downtime**.

Featuring **zoomable optics from a razor-sharp 7° to a soft 45°**, RoboTrac delivers full-spectrum storytelling—bringing architecture, art, and emotion together under one beam.



Model	Power	CCT	CRI	Beam	lm	SDCM	Control	Accessories
RoboTrac	28W	2700K	90	Zoom	760-2300	≤3	2.4G	Remote Ctrl
		3000K	92	07°	2250	≤3	ZigBee	ZigBee Gateway
		4000K	95	15°	2850	≤3		
		Tunable White		24°	2800	≤3		
				36°	2800	≤3		
Adaptor								
3-phase track		2700K (on request)	98					
Remark				Remark				
Zoom	12°-55°			R9	R9 = 60, @CRI90			
07°	Not available with Tunable White				R9 = 75, @CRI95			
SDCM≤3	SDCM ≤2 is available by request			R15	R15 = 85, @CRI90			
CRI-98	On request				R15 = 90, @CRI95			






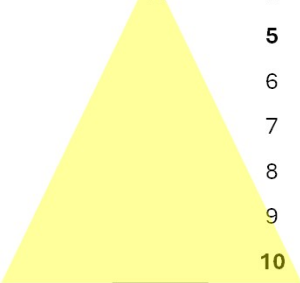
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Zoom	Beam	H(m)	E(lx)	Ø(m)
763 lm	12°	1	12,130	0.1
28 lm/W		5	485	0.6
		6	335	1
		7	245	1.2
		8	190	1.4
		9	150	1.6
		10	120	1.7

Zoom	Beam	H(m)	E(lx)	Ø(m)
2,280 lm	55°	1	3085	1.0
84 lm/W		5	123	5.1
		6	85	6.1
		7	62	7.2
		8	48	8.2
		9	38	9.2
		10	30	10.2



IP20



CE



CCC



RoboTrac

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Featuring **zoomable optics from a razor-sharp 7° to a soft 45°**, RoboTrac delivers full-spectrum storytelling—bringing architecture, art, and emotion together under one beam.



Ultra-Spot	Beam	H(m)	E(lx)	Ø(m)
2,280 lm 84 lm/W	7°	1	52,325	0.3
		5	2,090	1.4
		6	1,450	1.7
		7	1,065	2.0
		8	815	2.3
		9	645	2.6
		10	525	2.9

Narrow	Beam	H(m)	E(lx)	Ø(m)
2850 lm 101 lm/W	15°	1	30,432	0.5
		5	1,205	2.4
		6	840	2.9
		7	615	3.4
		8	470	3.9
		9	370	4.4
		10	300	4.9

Medium	Beam	H(m)	E(lx)	Ø(m)
2380 lm 85 lm/W	24°	1	11,980	
		5	480	
		6	330	
		7	245	
		8	185	
		9	145	
		10	120	

	Beam	H(m)	E(lx)	Ø(m)
2380 lm 85 lm/W	36°	1	6,540	
		5	260	
		6	180	
		7	135	
		8	100	
		9	80	
		10	65	

RoboTrac-V

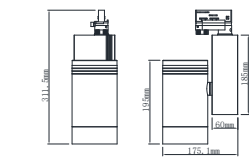
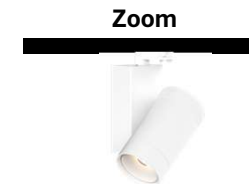
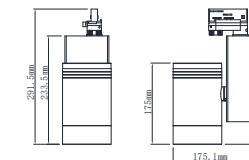
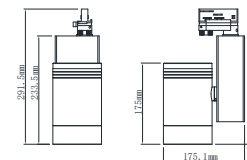
Perfectly framed by a 7-degree beam, the lighting captures every delicate detail of your fine dining experience. Designed for ceiling heights up to 12 metres, the motorised spotlight blends precision with quiet luxury—setting the mood without ever stealing the spotlight.



IP20



CE




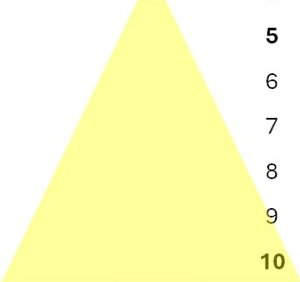
Model	Power	CCT	CRI	Beam	lm	SDCM	Control	Accessories
RoboTrac-V	45W	2700K	90	Zoom		≤3	2.4G	Remote Ctrl
		3000K	92	07°		≤3	DMX512	
		4000K	95	12°		≤3		
		Tunable White		24°		≤3		
				36°				
Adaptor								
3-phase track		2700K	98					
Remark				Remark				
Zoom	12°-55°			R9	R9 = 60, @CRI90			
07°	Not available with Tunable White				R9 = 75, @CRI95			
SDCM≤3	SDCM ≤2 is available by request			R15	R15 = 85, @CRI90			
98	On request				R15 = 90, @CRI95			



RoboTrac-V

Perfectly framed by a 7-degree beam, the lighting captures every delicate detail of your fine dining experience. Designed for ceiling heights up to 12 metres, the motorised spotlight blends precision with quiet luxury—setting the mood without ever stealing the spotlight.

Zoom	Beam	H(m)	E(lx)	Ø(m)
XXX lm	12°	1		
XX lm/W		5		
		6		
		7		
		8		
		9		
		10		

Zoom	Beam	H(m)	E(lx)	Ø(m)
XXXX lm	55°	1		
XX lm/W		5		
		6		
		7		
		8		
		9		
		10		



IP20



CE





RoboTrac-V

Perfectly framed by a 7-degree beam, the lighting captures every delicate detail of your fine dining experience. Designed for ceiling heights up to 12 metres, the motorised spotlight blends precision with quiet luxury—setting the mood without ever stealing the spotlight.

Ultra-Spot	Beam	H(m)	E(lx)	Ø(m)
XXXX lm	7°	1		
XX lm/W		5		
		6		
		7		
		8		
		9		
		10		

Narrow	Beam	H(m)	E(lx)	Ø(m)
XXXX lm	12°	1		
XXX lm/W		5		
		6		
		7		
		8		
		9		
		10		

Medium	Beam	H(m)	E(lx)	Ø(m)
XXXX lm	24°	1		
XXX lm/W		5		
		6		
		7		
		8		
		9		
		10		

Medium	Beam	H(m)	E(lx)	Ø(m)
XXXX lm	36°	1		
XXX lm/W		5		
		6		
		7		
		8		
		9		
		10		





RoboRadar

**Spaces shift. Tables rearrange.
Seasons change.**

Great lighting doesn't just sit in place — it responds.

Unlike traditional fixed fixtures, our **RoboTrac**, **RoboCan**, and **RoboRadar** motorised luminaires respond to evolving layouts and themes — offering layered, purpose-driven focus that aligns with every moment.

From gallery halls to retail windows, event rooms to open-plan offices, light becomes more than ambience. It becomes a design tool — one that quietly enhances what matters most.



Efficient Heat Dissipation Body

The die-cast body of the downlight is not only robust but also offers superior heat dissipation.



Adjustable Universal Joint

The clamp can be adjusted according to the thickness of the ceiling, providing greater installation flexibility.



Precision Optics

excellent glare control and, with the choice of 12°, 24° and 36° lenses, ensures consistent quality of light and freedom of choice in the space.



Ctrl System

2.4G, Bluetooth and DMX512 control technologies, allowing users to remotely manage the movement, dimming, and color changes of the fixtures via the corresponding app for personalized lighting effects.

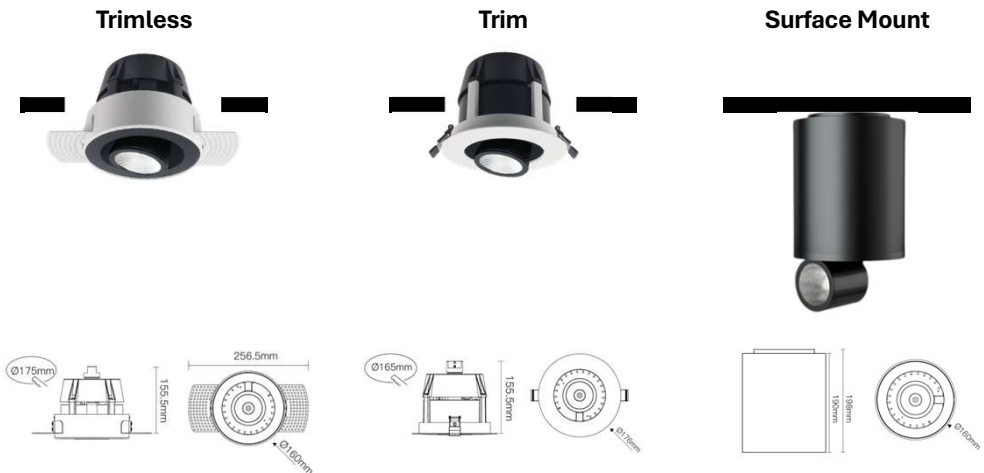


RoboRadar


In elegant venues where every detail matters, lighting must do more than illuminate — it must **orchestrate the mood**.

With **motorised pan, tilt, and zoom**, RoboRadar brings effortless control to your fingertips, shifting from a wide ambience to an intimate spotlight in seconds.

Whether you're **spotting a centrepiece** with a **precise 15° beam** or bathing a stage in a **soft 36° glow**, RoboRadar tells the story — beautifully, seamlessly, and without needing a ladder.



Model	Power	CCT	CRI	Beam	lm	SDCM	Control	Accessories
RoboRadar	20W	2700K	90	15 ⁰	1650	≤3	2.4G	Remote Ctrl
		3000K	92	24 ⁰	2250	≤3	Bluetooth	
		4000K	95	36 ⁰	2850	≤3	DMX512	
		Tunable White						
Cutout								
Ø165mm								
Ø175mm		2700K (on request)	98					
Remark				Remark				
SDCM≤3		SDCM ≤2 is available by request		R9	R9 = 60, @CRI90			
98		On request			R9 = 75, @CRI95			
Ø175mm		Trimless cutout dimension		R15	R15 = 85, @CRI90			
					R15 = 90, @CRI95			







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Narrow	Beam	H(m)	E(lx)	Ø(m)
1,650 lm 82 lm/W	15°	1	10,730	0.3
		5	430	1.6
		6	300	1.9
		7	220	2.2
		8	165	2.5
		9	130	2.8
		10	105	3.2

Medium	Beam	H(m)	E(lx)	Ø(m)
1,700 lm 89 lm/W	24°	1	7,580	0.4
		5	300	1.9
		6	210	2.3
		7	155	2.7
		8	120	3.1
		9	95	3.4
		10	75	3.8

Medium	Beam	H(m)	E(lx)	Ø(m)
1,780 lm 94 lm/W	36°	1	4,940	0.5
		5	195	6.4
		6	135	9.1
		7	100	11.2
		8	75	13.7
		9	60	16.4
		10	50	19.3



RoboCan

**Spaces shift. Tables rearrange.
Seasons change.**

Great lighting doesn't just sit in place — it responds.

Unlike traditional fixed fixtures, our **RoboTrac**, **RoboCan**, and **RoboRadar** motorised luminaires respond to evolving layouts and themes — offering layered, purpose-driven focus that aligns with every moment.

From gallery halls to retail windows, event rooms to open-plan offices, light becomes more than ambience. It becomes a design tool — one that quietly enhances what matters most.



Efficient Heat Dissipation Body

The die-cast body of the downlight is not only robust but also offers superior heat dissipation.



Adjustable Universal Joint

The clamp can be adjusted according to the thickness of the ceiling, providing greater installation flexibility.



Precision Optics

excellent glare control and, with the choice of 7°, 15°, 24° and 36° lenses, ensures consistent quality of light and freedom of choice in the space.



Ctrl System

2.4G and Zigbee smart control technologies, allowing users to remotely manage the movement, dimming, and color changes of the fixtures via the corresponding app for personalized lighting effects.



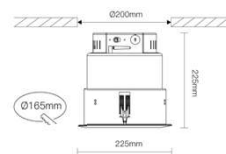
RoboCan

Beneath a soaring 4.5-9 meters ceiling, a single table becomes the quiet centrepiece of refined elegance. A 7-degree motorised spotlight casts a crisp, focused beam, revealing every detail—from porcelain glints to the soft silhouette of floral arrangements—with graceful precision.

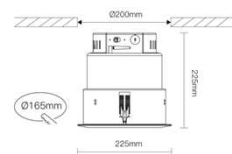
Designed for Michelin-level dining, this lighting concept sharpens intimacy and enhances contrast, creating a private stage where every course feels intentional, every shadow purposeful, and every moment unforgettable.




Narrow Spot



Narrow/Medium



Model	Power	CCT	CRI	Beam	lm	SDCM	Control	Accessories
RoboCan	28W	2700K	90	07°	2250	≤3	2.4G	Remote Ctrl
		3000K	92	15°	2850	≤3	ZigBee	ZigBee Gateway
		4000K	95	24°	2800	≤3		
		Tunable White		36°	2800	≤3		
Cutout								
Ø220mm		2700K (on request)	98					
Remark				Remark				
07°	Not available with Tunable White			R9	R9 = 60, @CRI90			
SDCM≤3	SDCM ≤2 is available by request				R9 = 75, @CRI95			
98	On request			R15	R15 = 85, @CRI90			
					R15 = 90, @CRI95			



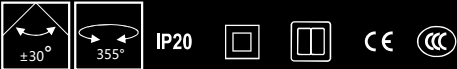




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Ultra-Spot	Beam	H(m)	E(lx)	Ø(m)
2,280 lm 84 lm/W	7°	1	52,325	0.3
		5	2,090	1.4
		6	1,450	1.7
		7	1,065	2.0
		8	815	2.3
		9	645	2.6
		10	525	2.9

Narrow	Beam	H(m)	E(lx)	Ø(m)
3,310 lm 122 lm/W	15°	1	30,145	0.5
		5	1,205	2.4
		6	840	2.9
		7	615	3.4
		8	470	3.9
		9	370	4.4
		10	300	4.9

Medium	Beam	H(m)	E(lx)	Ø(m)
3,000 lm 111 lm/W	24°	1	13,380	0.9
		5	535	4.3
		6	370	5.1
		7	270	6.0
		8	210	6.8
		9	165	7.7
		10	135	8.5

	Beam	H(m)	E(lx)	Ø(m)
3,010 lm 111 lm/W	36°	1	7,700	1.3
		5	310	6.3
		6	215	7.6
		7	155	8.9
		8	120	10.2
		9	95	11.5
		10	77	12.7



Hospitality Lighting | Hotel

In the hospitality sector, lighting is a silent host—welcoming, guiding, and enhancing every guest interaction. Our smart lighting systems, including RoboCan and RoboRadar, offer designers the tools to create memorable experiences, from the grandeur of lobbies to the intimacy of dining spaces.

Lighting That Focuses with Purpose

Hotel spaces are rarely static.

Layouts shift. Themes evolve. Events follow the rhythm of the calendar — from weddings to Lunar New Year dinners, seasonal banquets to brand showcases.

Yet while the tables move and the mood changes, lighting is often expected to stay the same.

Instead, light becomes a responsive design tool — able to **focus**, **adapt**, and **enhance** each setting as it unfolds.

From a grand ballroom to a quiet dining room, every spotlight can be where it needs to be — no repositioning required.

No matter the ceiling height, the layout, or the occasion.



Grand Lobby

Elevate the arrival. Highlight seasonal décor, floral installations, or sculptures with focused lighting that adjusts as the scene changes.



Bar and Lounge

Create an intimate glow for small tables or softly define lounge zones — even as furniture shifts between daytime and evening service.



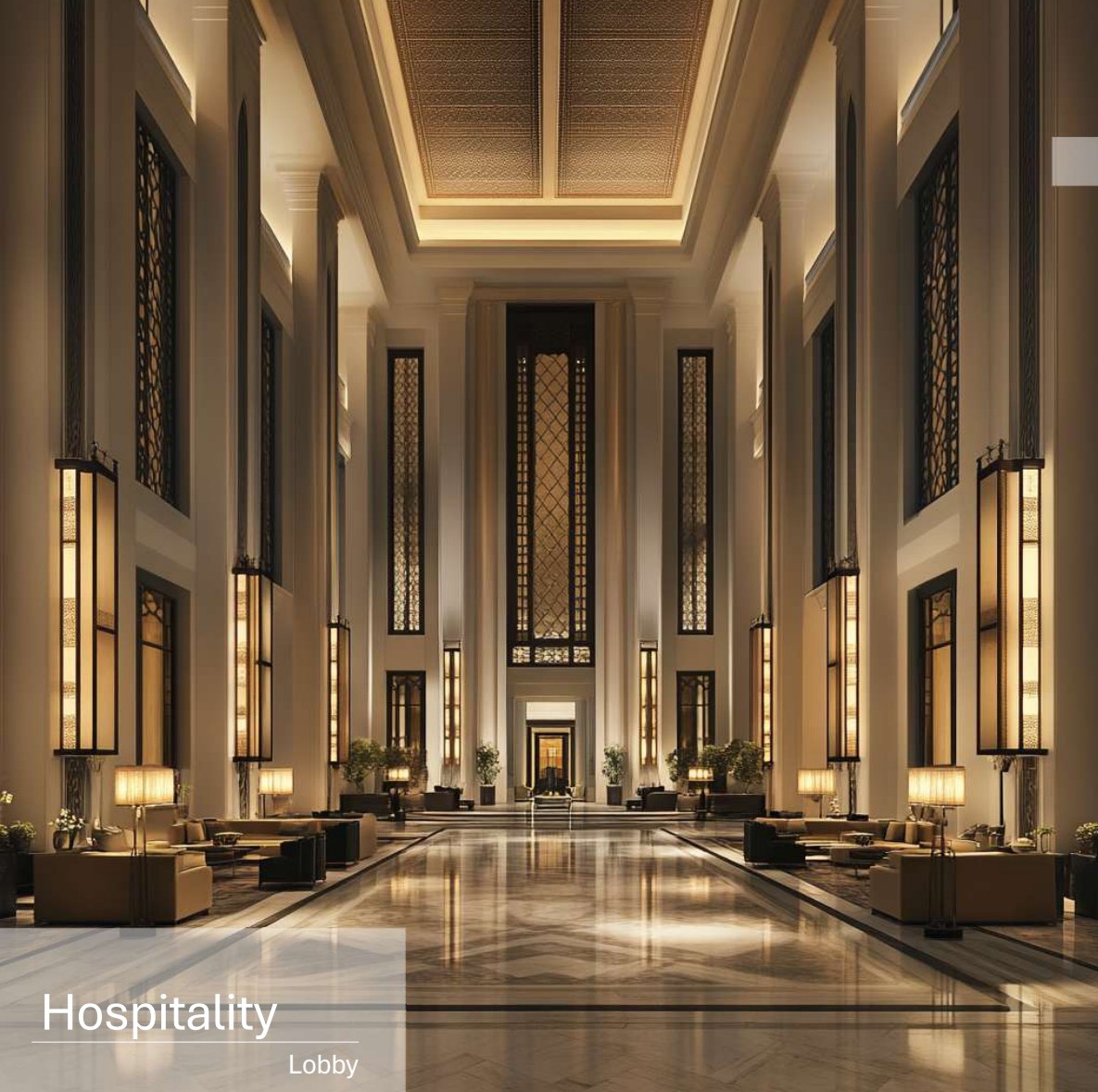
Grand Ballroom

Whether set for a gala, a themed holiday dinner, or a conference, RoboCan lets your lighting match the tone — not just the architecture.



Restaurant

Precision beams follow the table, not the plan. Plates, centerpieces, and faces are illuminated with care, even as layouts change nightly.



Hospitality

Lobby

Hotel Lobby

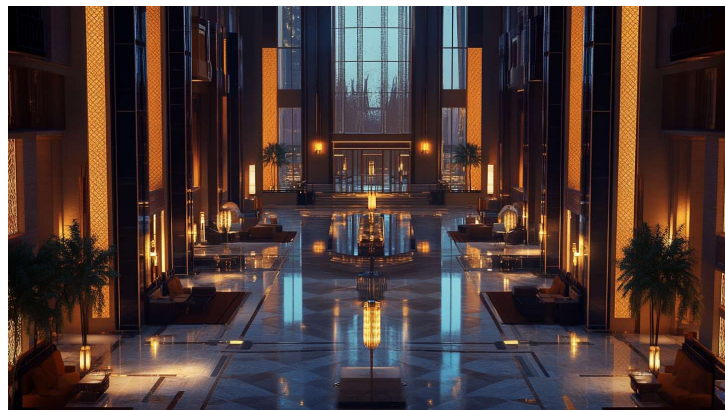


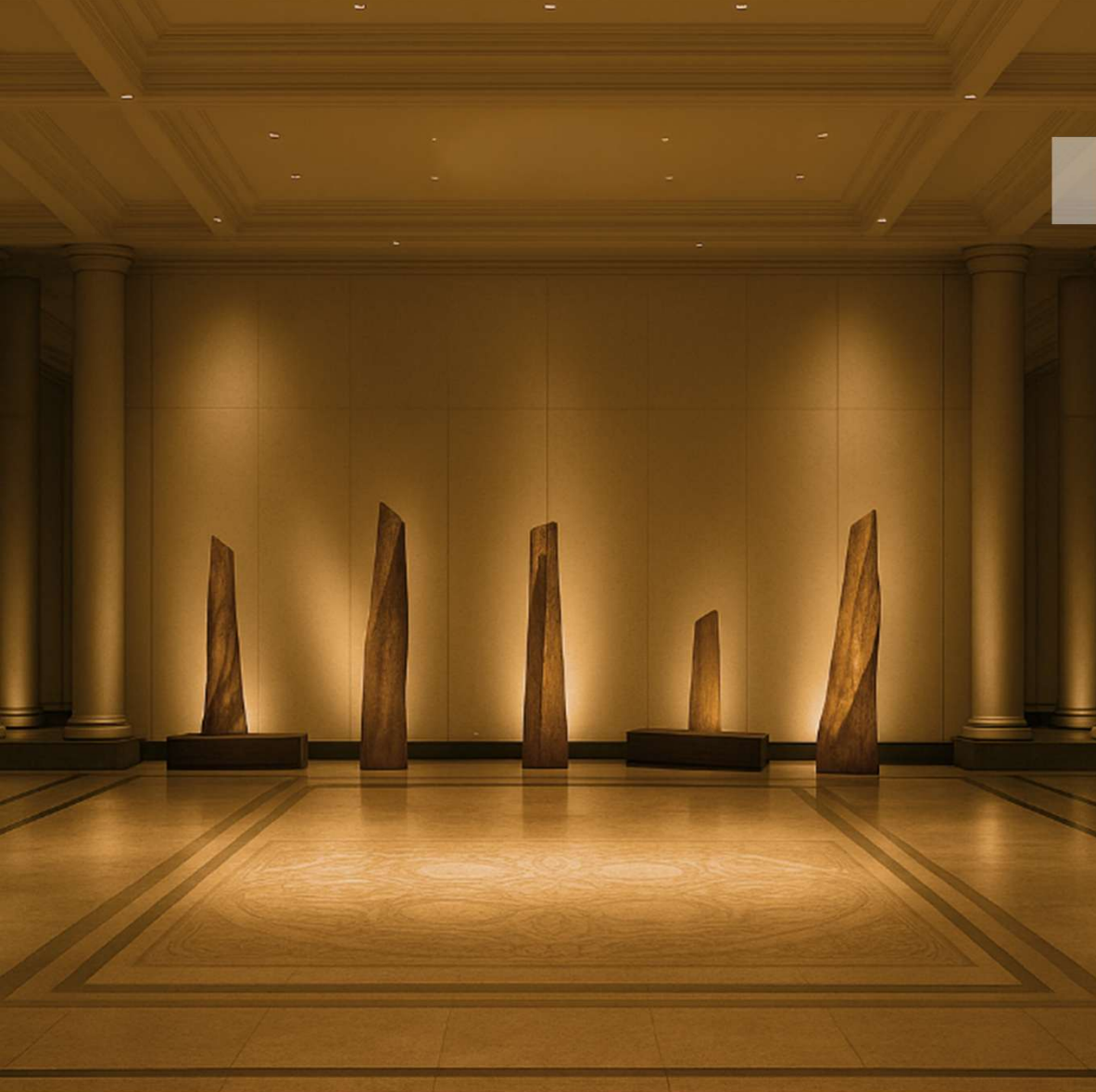
Precision Illumination for Grand Occasions

In classical spaces where every chandelier sets the tone, your lighting should do more than simply glow—it should guide the experience.

With RoboCan's **motorised control**, transform the atmosphere from full-room radiance to intimate table-centric focus at the touch of a button.

Whether highlighting centrepieces or performers, the ability to shift between **narrow 7° spotlights** and **soft 25° and 45° washes** allows full spatial storytelling—no ladders, no delay.





Lighting That Elevates the Grand Lobby



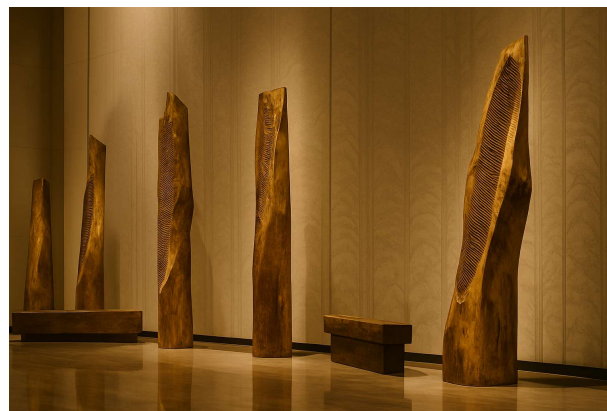
Adapting Gracefully to Every Scene and Sculpture

In a five-star hotel, the lobby is more than a passage — it's the first chapter of the guest experience.

Often home to curated displays, evolving seasonal themes, or elegant sculptural showcases, the space must remain fluid — without compromising refinement.

With RoboCan's **motorised control**, transform the atmosphere from full-room radiance to intimate table-centric focus at the touch of a button.

Whether highlighting centrepieces or performers, the ability to shift between **narrow 7° spotlights**, **narrow 15°** and **soft 25° and 36° washes** allows full spatial storytelling—no ladders, no delay.



Hospitality

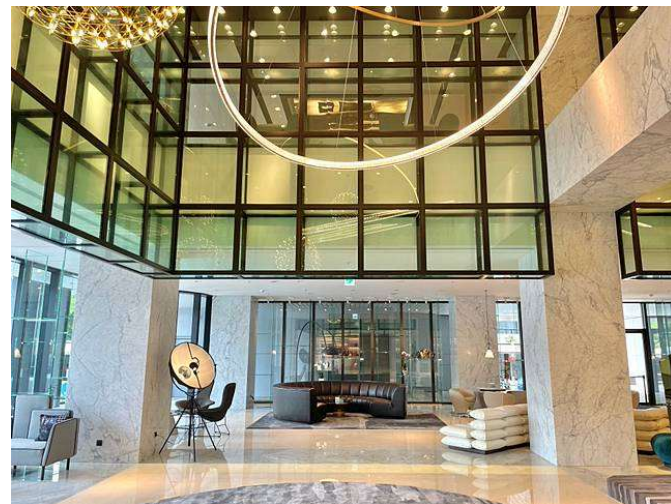
Le Meridien Hotel
Taichung



Where Hospitality Meets Precision Lighting

In the iconic Le Meridien Hotel Taichung, lighting is more than a functional necessity—it's an integral part of the guest journey.

The result is a lobby that feels alive—welcoming guests with light that shifts as naturally as the day itself.



Project Highlights:

Seamless Integration:
RoboCan fixtures blend into the architectural ceiling, maintaining the lobby's clean aesthetic.

Dynamic ZigBee Control:
Motorised pan, tilt, and zoom allow staff to adjust lighting for different events without disrupting operations.

Scene Versatility:
Pre-set scenes for morning energy, afternoon calm, and evening elegance, all accessible via wireless control.

Daylight Harmony: Balanced Lighting for Dynamic Lobbies

From early check-ins to midnight cocktails, **RoboCan** **adapts** naturally to shifting atmospheres.

Focused Accents:

A **7° beam** highlights the reception desk, drawing guests naturally.

Ambient Warmth:

A **36° wash** at 3000K envelops seating areas, inviting relaxation.

Remote Adjustment:

Staff can **switch scenes** via **ZigBee** without interrupting the guest experience.





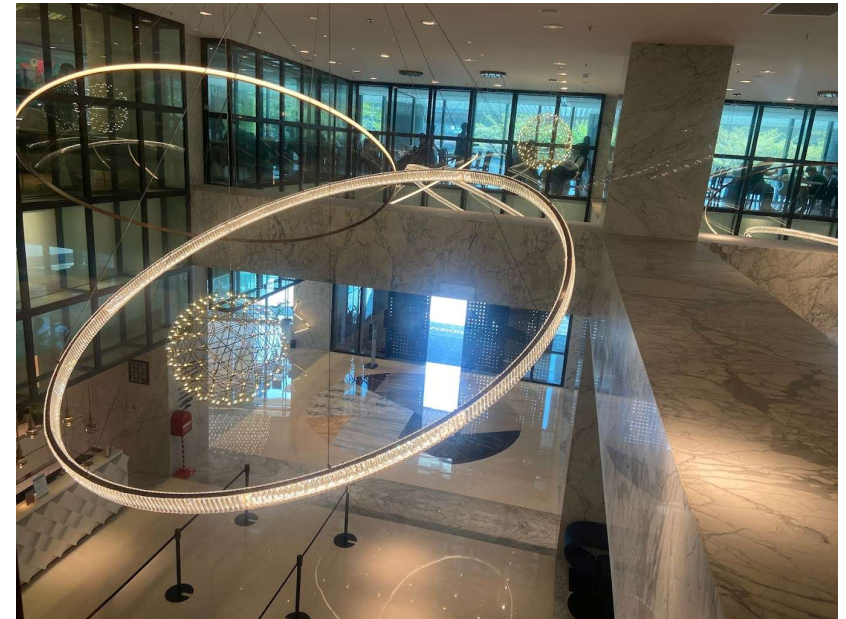
Set the Scene, Elevate the Atmosphere

Dynamic lighting without disturbing design

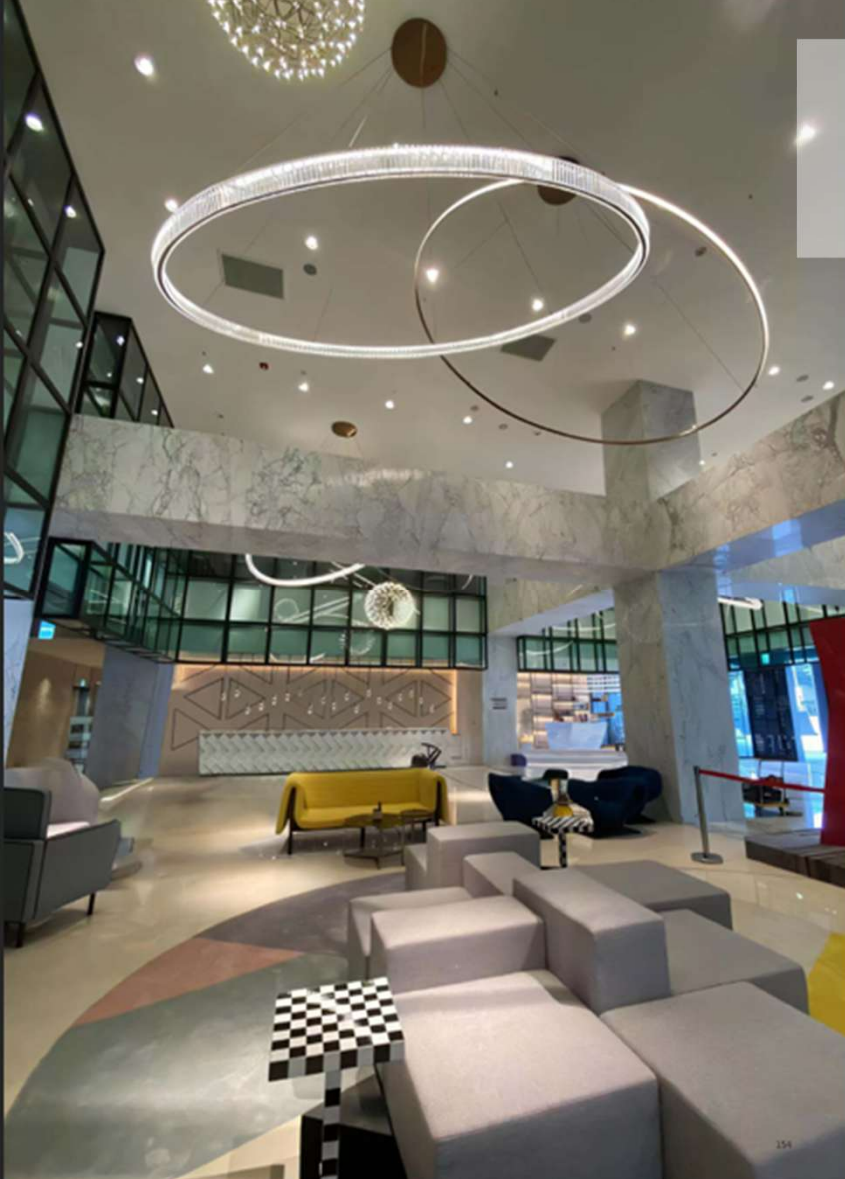
Holiday themes? Brand activations?
Evening galas?

With RoboCan, lighting adapts to every event without touching a fixture.

From soft architectural uplighting to bold feature spotlights, RoboCan brings out the sculptural elegance of the space, enhancing both architecture and atmosphere.



- Tilt and rotate beam for new focal points
- Sync with ZigBee for pre-programmed scenes



RoboCan

7D	D63-1
24D	D63-2

- **Motorised control** of pan, tilt, dimming, and **Tunable White**
- Motorised **0–30° tilt & 360° rotation**
- **Wireless ZigBee, 2.4G Wifi compatibility** for seamless integration
- Real-time adjustment without physical access
- Pre-set scene modes for business, lounge, or event settings
- Available in
 - **Narrow Spot:** 7 °
 - 15 °, 24 °, 36 °

For more information, please click the following link, [RoboCan](https://www.acofusion.com). Or scan the QR code or contact us for further information.

info@acofusion.com
www.acofusion.com





Hospitality

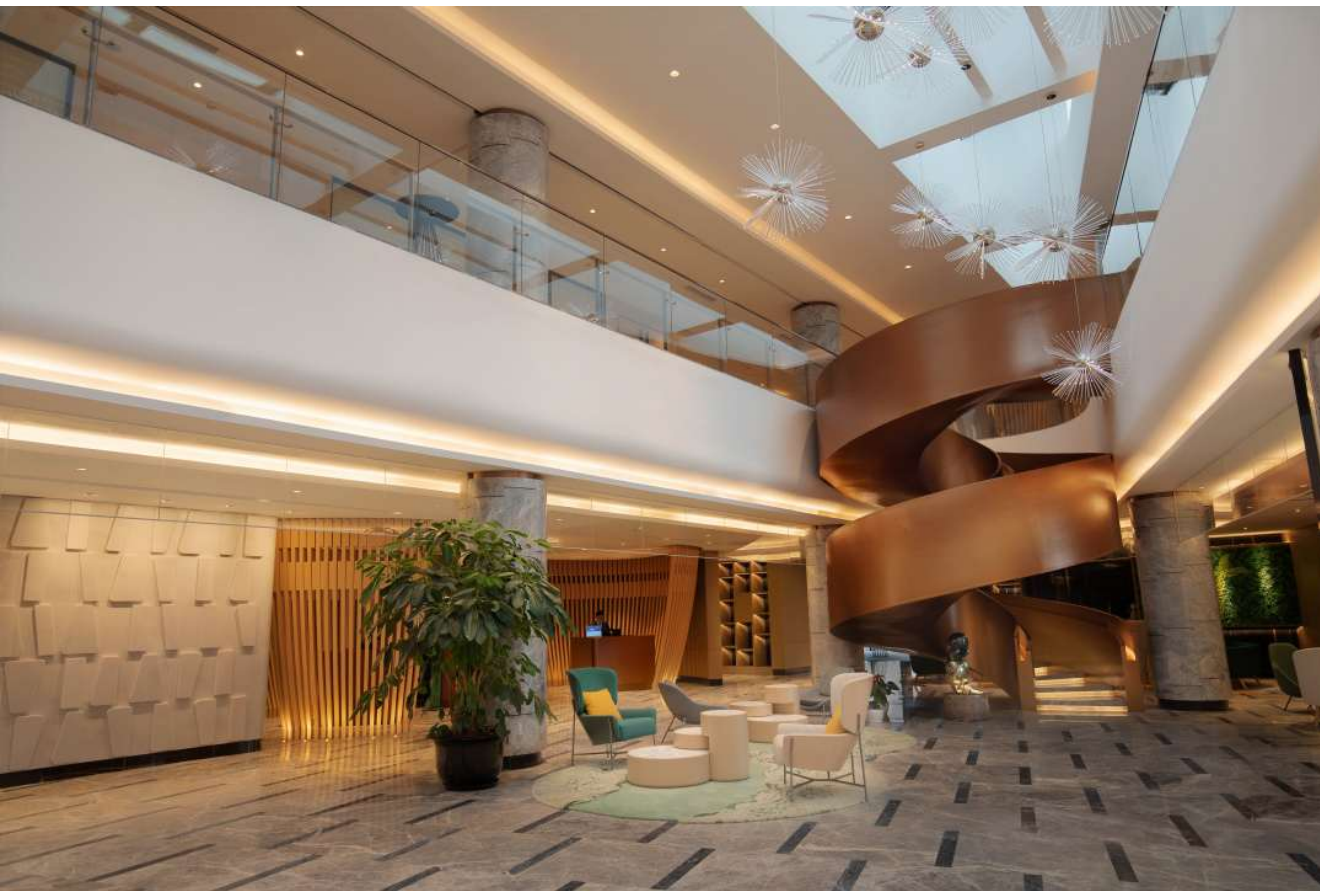
Holiday Inn
Shanghai

Holiday Inn Chongming Island, Shanghai

Set on the tranquil edge of Chongming Island, this Holiday Inn blends business functionality with resort calm. Its ballroom hosts a wide range of events — from corporate forums to private banquets — often on the same day.

To meet this demand for fast, flexible scene-setting, RoboCan track lighting was chosen. With motorised precision, lighting can be adapted instantly — no need for lifts or downtime — ensuring each event begins with clarity and focus.





Static Lighting in a Dynamic World

Why Fixed Fixtures May Not Suffice?

How many hours have been spent re-aiming ceiling fixtures after every room reconfiguration?

How often are centrepieces left in shadow or performers washed out?

In static systems, lighting is only accurate for one scene — until someone brings out the lift. In contrast, adaptive luminaires allow re-aiming and refocusing remotely. No downtime. No ceiling patch-ups.



Embracing Flexibility with Motorised Lighting

Lighting That Shifts With Your Scene

What if you could adjust beam angles from a laptop — no ladder, no tools —

With motorised luminaires like RoboCan, you gain:

- **Pan (360°) and Tilt (180°) control** to track architectural features or tables.

- **Motorised zoom** from narrow to wide beams — highlight florals at 7° or wash the whole table at 24°.

- **Remote DMX / Zigbee / DALI control**, integrated into your control system.

Because lighting should move at the pace of your space.



Light That Reinforces the Mood

From Boardroom
Brightness to Ballroom
Glow

Ever walked into a space that felt *just right* — like the lighting knew the moment? That's not luck. It's lighting designers using:

- **Remote colour temperature tuning (2700K–4000K)** for tone shifts from morning presentations to evening banquets.

- **Beam repositioning** to follow key moments — from podium speeches to first dances.

Motorised control lets you choreograph light like part of the programme.



Smarter Setup, Less Manual Labour

Reduce Hours Spent on
Ladders & Manual Focus

Still rolling in scaffolding for
lighting adjustments?

RoboCan integrates with
control platforms to allow:

- **Scene presets** that adapt
layout in seconds — wedding
mode, conference mode,
gala mode.

- **Maintenance-free
alignment**, preserving ceiling
finish integrity.

- **Failover-safe memory**,
ensuring lights return to pre-
set angles after power loss.
Facilities teams breathe
easier. So do designers.

Minimal Impact. Maximum Control.

Preserve Your Ceiling
Vision — Without
Compromise

No more Swiss-cheese ceilings from constant fixture swaps.

RoboCan installs flush, with:

- Discreet, low-profile trim.
- No exposed manual controls.
- Remote diagnostic and configuration access.

It complements ceiling aesthetics while keeping full control in the background — literally.

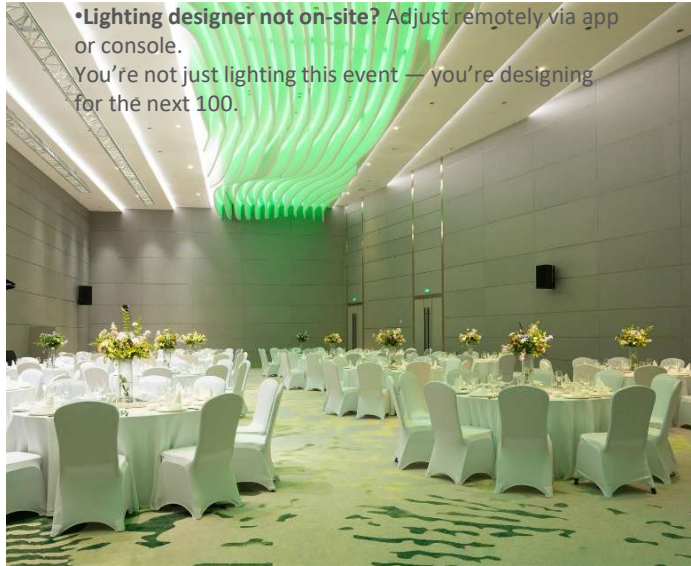


Lighting Built for What's Next

Adapting to
Layouts You
Haven't Even
Imagined Yet

Will your space host conferences today and live performances tomorrow?
Motorised fixtures adapt in real-time — without budget for reinstallation:

- Room re-zoning?** Fixtures rotate and zoom to suit.
 - Updated event flow?** Shift beam patterns without touching the ceiling.
 - Lighting designer not on-site?** Adjust remotely via app or console.
- You're not just lighting this event — you're designing for the next 100.





Hospitality | Ballroom



Welcome

Guiding Light that Sets the Tone



Stage

Framing the Spotlight with Precision



Banquet

Table-Centric Warmth

Lighting that Moves with the Moment

Not every evening begins and ends the same way.

In hotel venues where the purpose of a room evolves within hours — the lighting needs to keep up, quietly.

What begins as a **welcoming arrival** — guests stepping into a softly lit aisle — may soon shift into a **spotlighted speech** or a **stage performance**. Moments later, the same room might transform into a **warm, intimate dinner space**, where each table deserves its own glow.

With **RoboCan's motorised focus lighting**, you can shape that transformation — instantly.

- **Define zones** through **layered lighting** across tables, stages, and walkways
- Adapt quickly to new themes with **scene presets**, even in halls with ceilings over 8 metres high

Just light that knows what the moment needs — and delivers it, every time.



Welcome
Sets the scene



Stage
Framing the Spotlight with Precision



Banquet
Table-Centric Warmth

Lighting that Evolves with Your Event

One Room. Many Purposes. Seamlessly Lit.

A single ballroom rarely hosts a single story.

It begins as a space of quiet anticipation — a softly lit aisle guiding arrivals in. An hour later, all attention shifts forward — a keynote, a toast, or a performance takes the spotlight.

By evening, tables glow with intimacy, inviting conversation and celebration.

With **RoboCan's motorised lighting**, the room adapts in real time.

No scaffolding. No manual refocus. Just intention — expressed in light.

- **Layered scenes** created through precise beam shaping and tilt
- **Scene presets** instantly align light with layout changes
- **From 07° to 36°**, a single fixture tells every part of the story

With the right control, it moves exactly when you need it to.







One Space. Many Celebrations. Lighting That Keeps Up.

In banquet halls where the theme changes, the lighting must adapt — effortlessly.

From weddings and galas to festive banquets and seasonal events, a hotel ballroom hosts more than just people — it hosts emotion, memory, and meaning. And lighting is what brings that meaning to life.

With **RoboCan's motorised control system**,

- Shift from full-room glow to **table-centric intimacy**
- Create layered scenes that support both ceremony and celebration
- Adapt quickly to new themes with **scene presets**, even in halls with ceilings from 4.5 to 8 metres high

Lighting should never be fixed when your venue is always changing. RoboCan lets you set the tone, guide the mood, and highlight what matters — beautifully, quietly, and with intention.





Focused Lighting, Wherever the Table Takes You

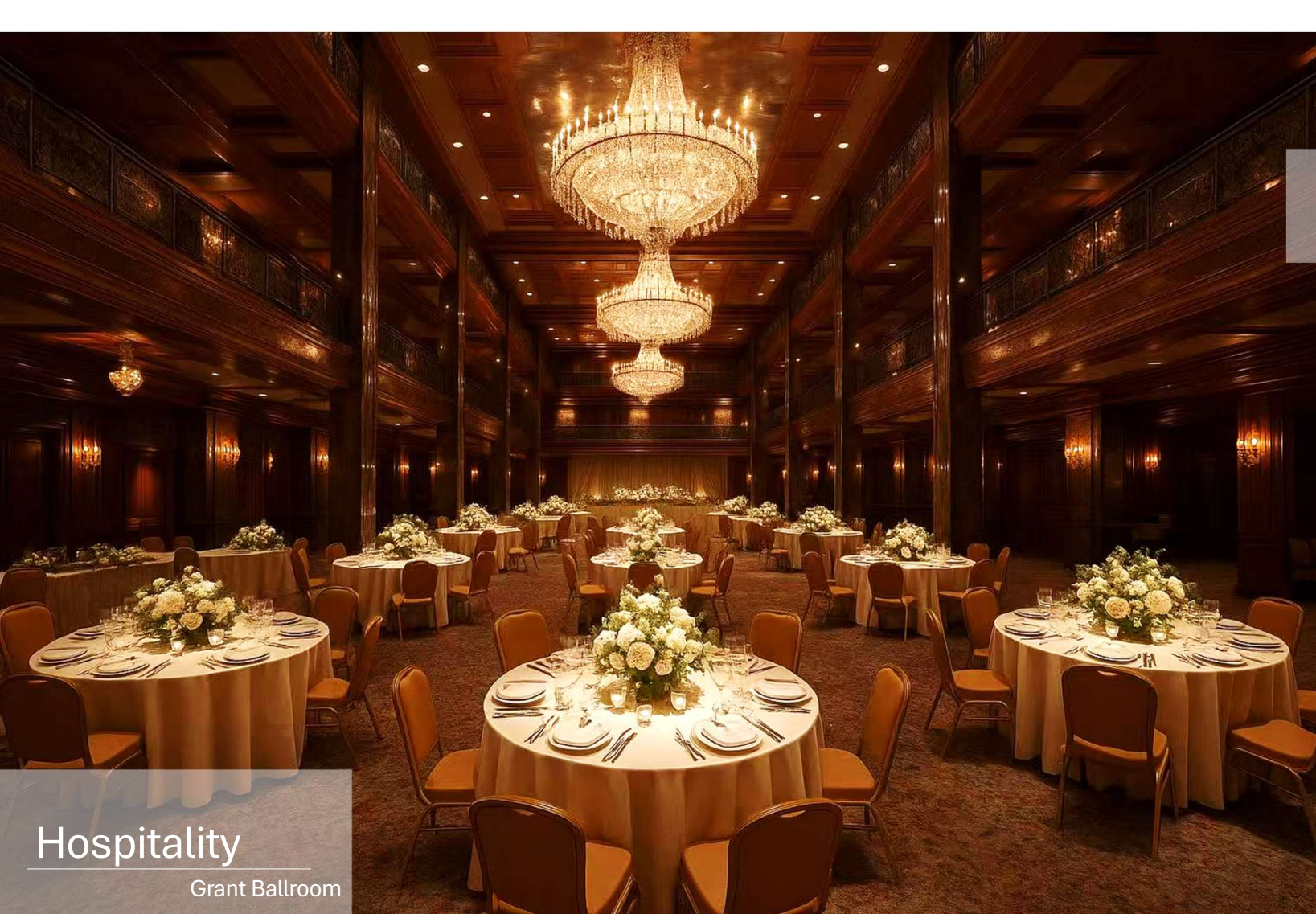
**Lighting that adapts to every
layout — and every intention.**

In spaces where no two setups are ever the same, your lighting needs to do more than just stay bright — it needs to stay relevant.

Whether it's a romantic dinner for two, a chef's table, or a roundtable celebration,

RoboCan's narrow-beam motorised downlights bring tailored focus lighting to each arrangement.

No matter the table shape, position, or purpose — the beam follows. With **adjustable tile and pan control** and **scene presets**, your lighting delivers clarity and ambience from ceilings over 8 metres high — without ever stealing the spotlight.



Lighting that Leads the Eye — Without Distracting the Room

Precision focus. Seamless control. Elevated experience.

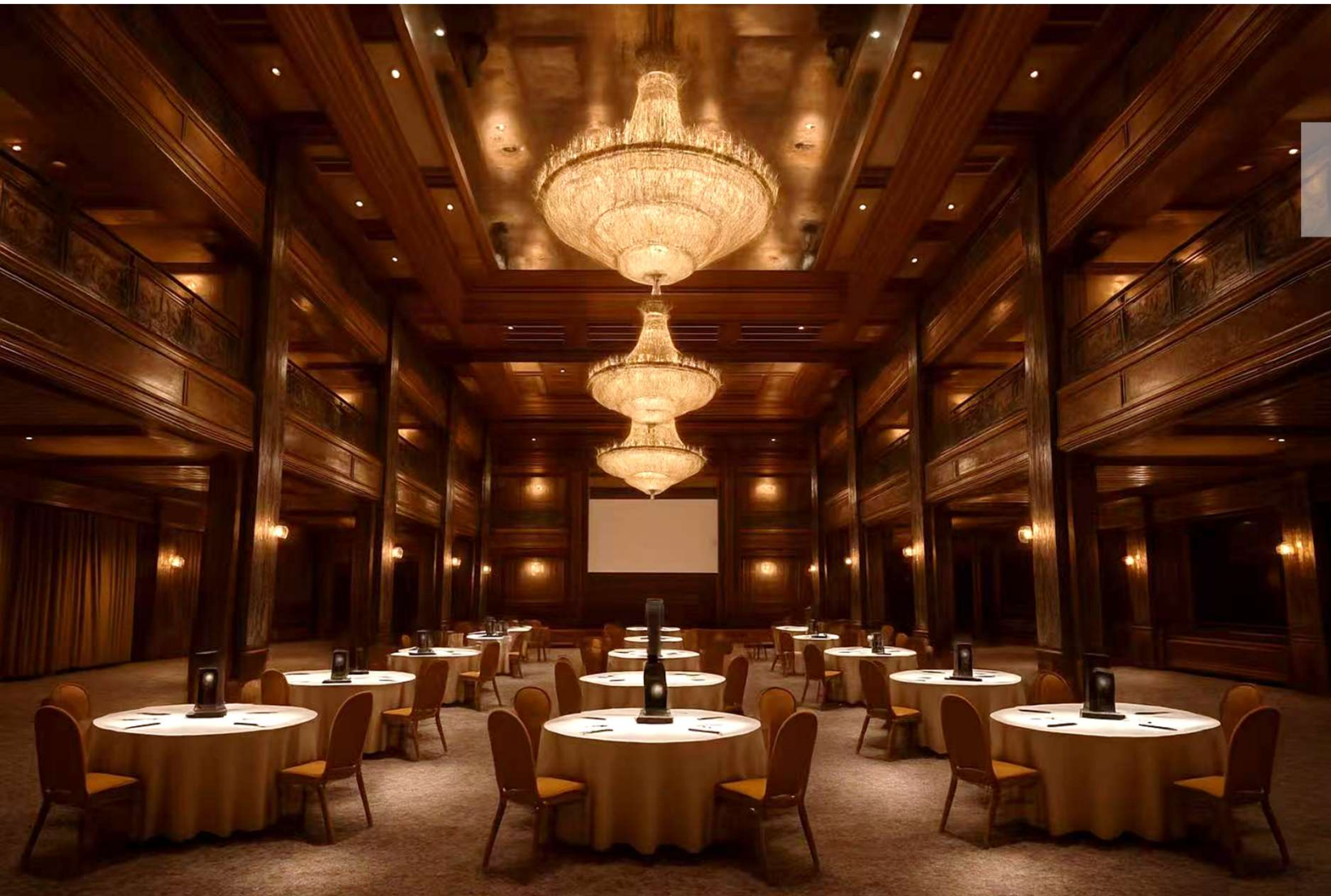
In layered lighting design, the most powerful beam isn't always the brightest — it's the one that knows exactly where to land.

With RoboCan's **motorised control**, fine-tuned narrow beams bring crisp, defined **focus lighting** to each table. No spill. No distraction. Just intention.

Combined with ambient and architectural layers, every table becomes its own quiet stage — all from a **ceiling over Eight metres high**.

Hospitality

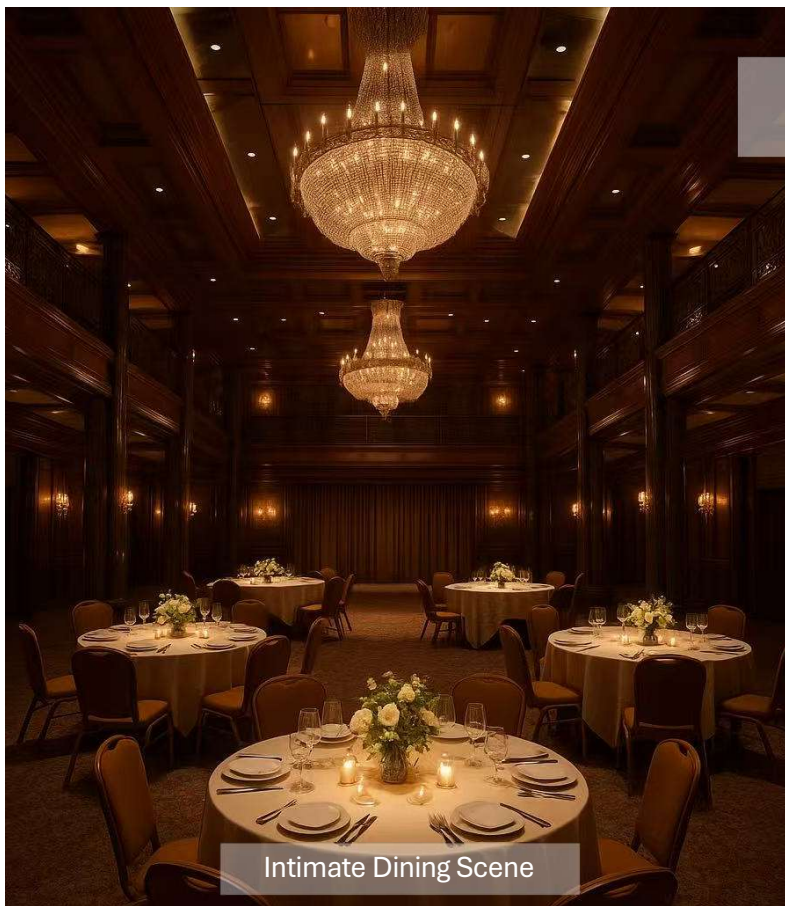
Grant Ballroom



Lighting that Leads the Eye
— Without Distracting the
Room



Radiant Celebration Scene



Intimate Dining Scene

Same Space, Different Stories – Told Through Light

Lighting that listens to the moment.

In spaces where the layout stays the same but the purpose shifts — lighting becomes the storyteller.

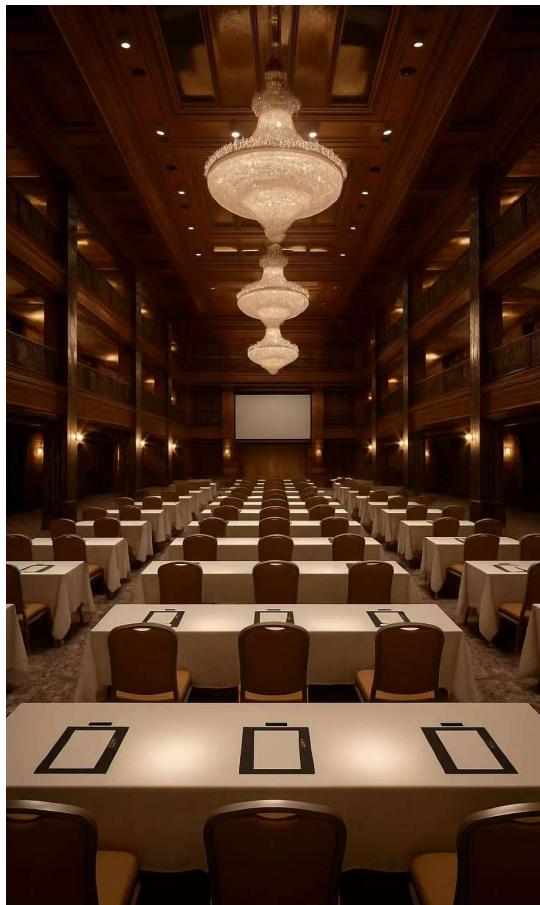
From vibrant celebrations to quiet intimacy, light should adapt not only in **brightness**, but in **focus**, **tone**, and **intention**.

With RoboCan's **DMX** or **ZigBee** motorised control, effortlessly adjust:

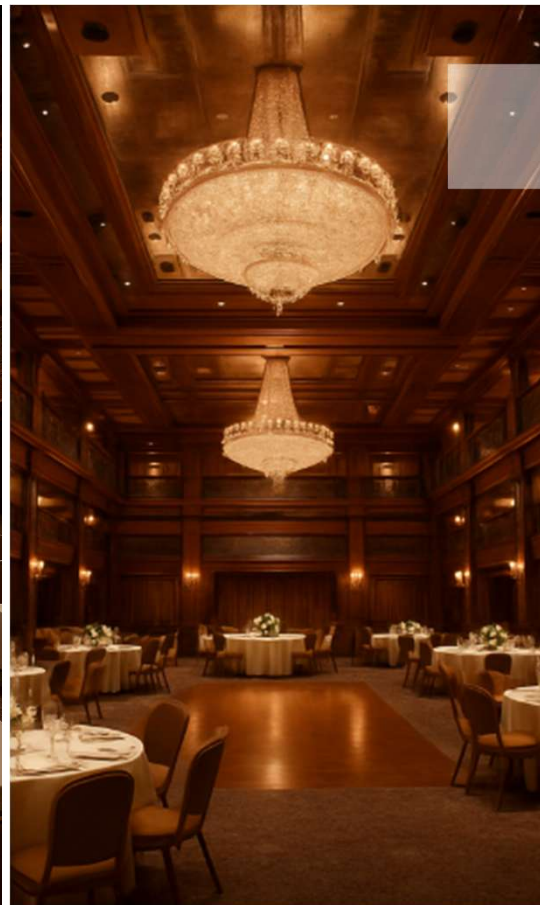
- Lighting layers to **redefine the atmosphere**
- Tilt and pan angles to **guide attention**
- CCT and Brightness level to **suit the mood**



Warmth & Intimacy



Clarity & Direction



Flow & Flexibility

One Room. Three Functions. Infinite Control.

Lighting that evolves with
your layout — not against it.

When the purpose of a space changes, the lighting should lead that change — not lag behind. Whether it's a wedding full of warmth and emotion, a focused seminar needing clarity, or a banquet where flexibility defines the flow,

RoboCan's motorised lighting control adjusts to fit every scene:

- Tune **focus and beam angles** to highlight what matters
- Shift **brightness and colour temperature** to reflect tone
- Control **layers and zoning**



Welcome

Guiding Light that Sets the Tone



Stage

Framing the Spotlight with Precision



Banquet

Table-Centric Warmth

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With the right control, it moves exactly when you need it to.



Hospitality

Ballroom

Transforming Ballrooms with Precision Lighting Control

A ballroom is never just one thing—it's a wedding venue today, a gala stage tomorrow, and a corporate conference next week. RoboCan adapts in real time, bringing versatile lighting to match every occasion

With motorised adjustment and a full optical range—**7°, 12°, 24°, 36°, and 45°**—you can create dramatically different atmospheres with the tap of a button:

- **7°:** Pinpoint focus for centrepieces, podiums, or dramatic highlights.
- **12°/24°:** Balanced beams ideal for tables, floral arrangements, or intimate zones.
- **36°/45°:** Broad, soft washes that warm the entire space or create ambient harmony.











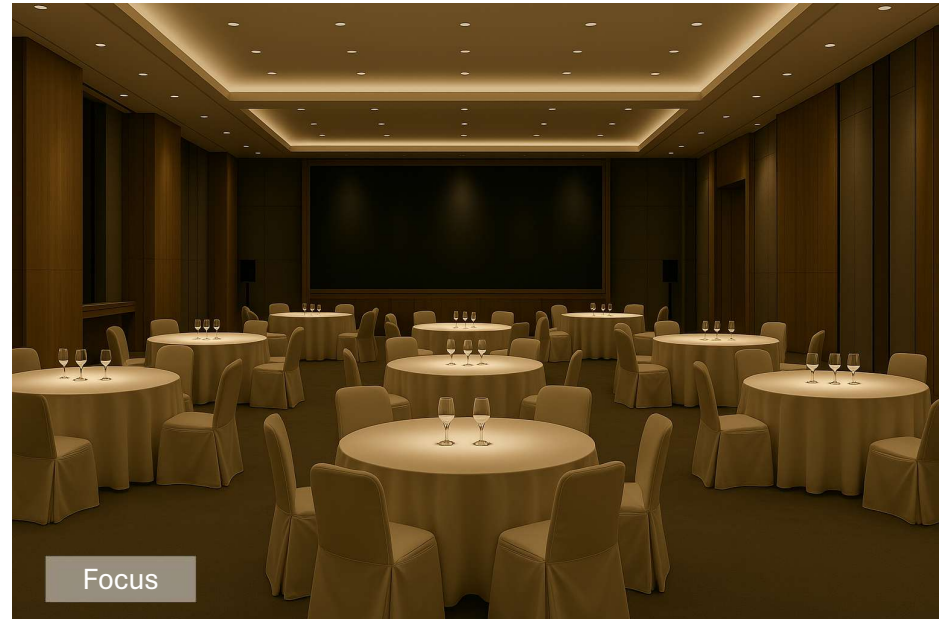
***From Banquets to Briefings,
Instantly Transformed***

Will it be helpful that dynamic multi-layer lighting can be achieved with motorised lighting system to adapt different themes, events and setup at your fingertip?

Whether preparing for a formal banquet or reconfiguring for a training seminar, our motorised lighting solution powered by **RoboCan** and **RoboRadar** delivers adaptive brilliance at every turn.

With **tight 7° beams for focused spotlighting** or **wider 36° for general wash**—directly from your control app.

No manual access, no downtime. Just effortless control to meet every event's mood and spatial need.



Banquets, Meetings, or Any Moment

Whether you're hosting a gala dinner or a corporate seminar, your space deserves lighting that matches the moment. With **RoboCan** or **RoboRadar**, every shift in purpose is met with a shift in light—precise, seamless, and programmable.



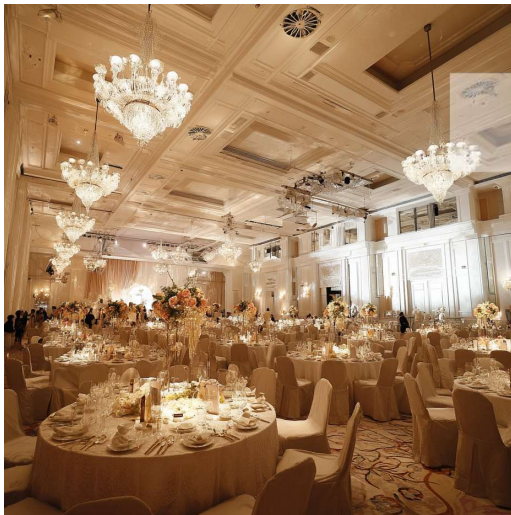
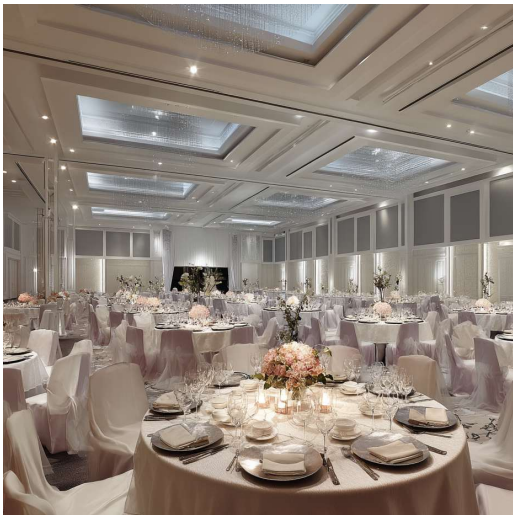
Welcome Mode –

Using a combination of 36° and 24° beam angles, RoboRadar casts an enveloping ambient light that wraps the room in softness. Lower intensity and warmer colour temperatures bring a sense of comfort and elegance to the space, ideal for celebratory dinners, receptions, or networking events. The lighting is even, calm, and graceful — enhancing interaction without stealing focus.



Focus Mode – Clear, Defined, Professional

Refined beam control narrows to 15° **spotlights**, increasing contrast and directing attention exactly where needed. Cooler tones and dimmed surroundings heighten focus, ideal for speeches, panels, or product unveilings.



How Does Your Lighting Stay Precise When Everything Else Keeps Changing?

Lighting that adapts to space, scale, and story — effortlessly.

From intimate gatherings to grand-scale banquets, from soft daylight weddings to dramatic ballroom evenings — no two rooms are the same, and no two events ever repeat.

RoboCan was designed to go beyond fixed lighting.

With its **motorised tilt and pan**, **narrow-beam focus**, and **ZigBee scene-based presets**, it delivers precision illumination that adjusts to:

- Different **ceiling heights**, from **4.5 metres to over 8**
- Changing **table layouts**, without manual refocus
- Varying **moods, tones, and themes**, all at the push of a button

Whether the space calls for warmth, clarity, or subtle drama,

RoboCan brings the light exactly where it's needed — no more, no less.





Culture | Gallery

Lighting That Listens to the Space

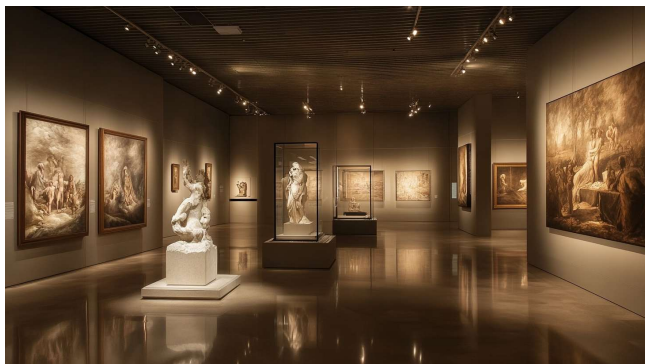
Because great lighting doesn't just illuminate — it interprets

From new installations to rotating exhibitions, cultural venues are in a constant state of quiet change.

But when fixtures are fixed, lighting can fall out of step.

RoboTrac, Motorised track lights adapt with ease — offering precise, layered illumination that follows each new story, without needing to refit or reposition.

From sculpture to canvas, from intimate alcoves to full gallery halls, lighting becomes a tool of curation — discreet, directional, and always in tune with the work.



Classical Gallery

Timeless works deserve timeless attention. Adjust angles and brightness remotely to bring focus exactly where it's needed — without casting spill or shadow on adjacent pieces.



Contemporary Art

With each layout refresh, lighting responds. Highlight texture, scale, or negative space with narrow-beam precision from above — always aligned to the room's intent.



Temporary Showcase

Where the layout evolves daily, flexibility matters. Reframe the spotlight as collections change — without stepping into the space or disrupting the setting.



Culture Halls

From public tours to private previews, lighting adapts instantly to event flow, guiding attention with clarity.

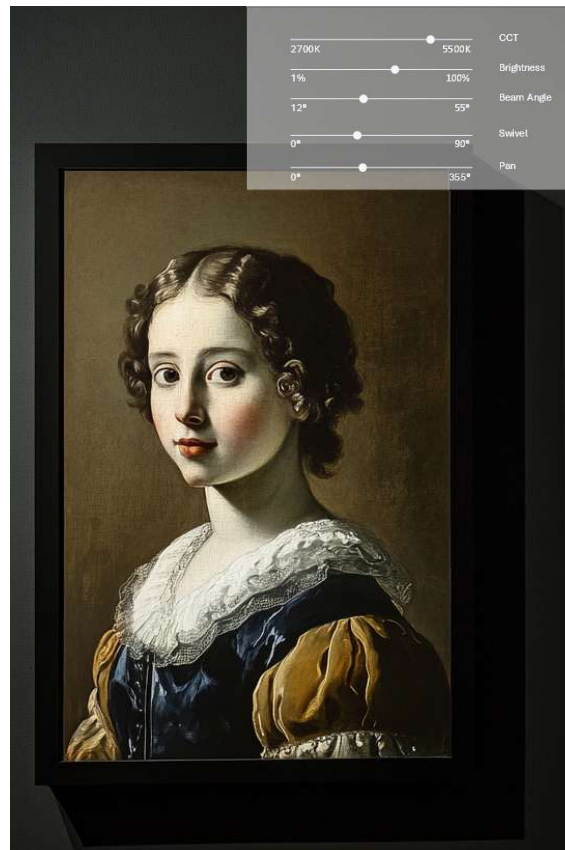
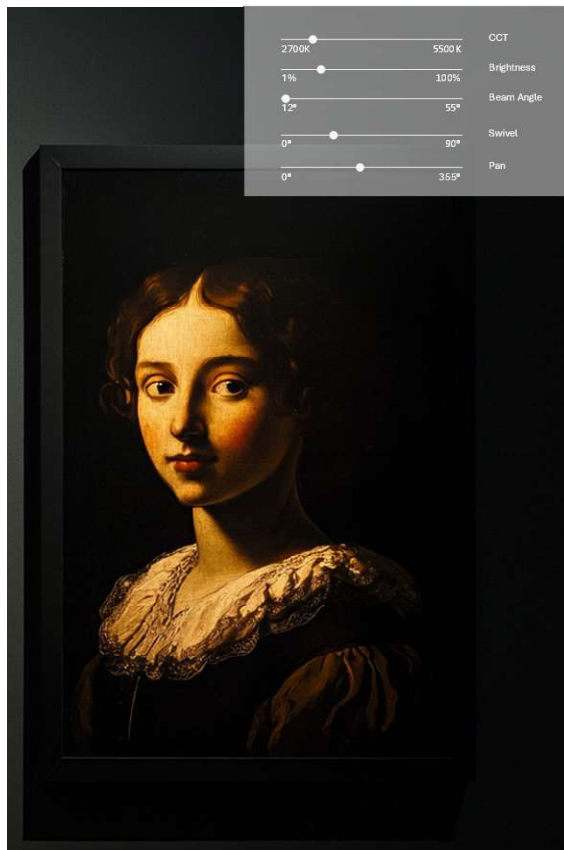
What if curators didn't have to settle on just one version of the light?

Robo's **motorised tilt, pan and beam zoom (12°–55°)** lets light evolve with your intent — shifting between intimacy and grandeur, outline and atmosphere, drama and restraint.

Without ladders. Without interrupting the silence of the space.

Because in a cultural space, sometimes a small shift in light says more than the artwork label ever could.





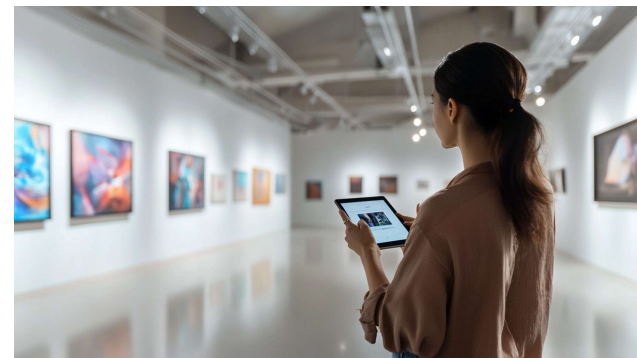
Lighting, is what you feel

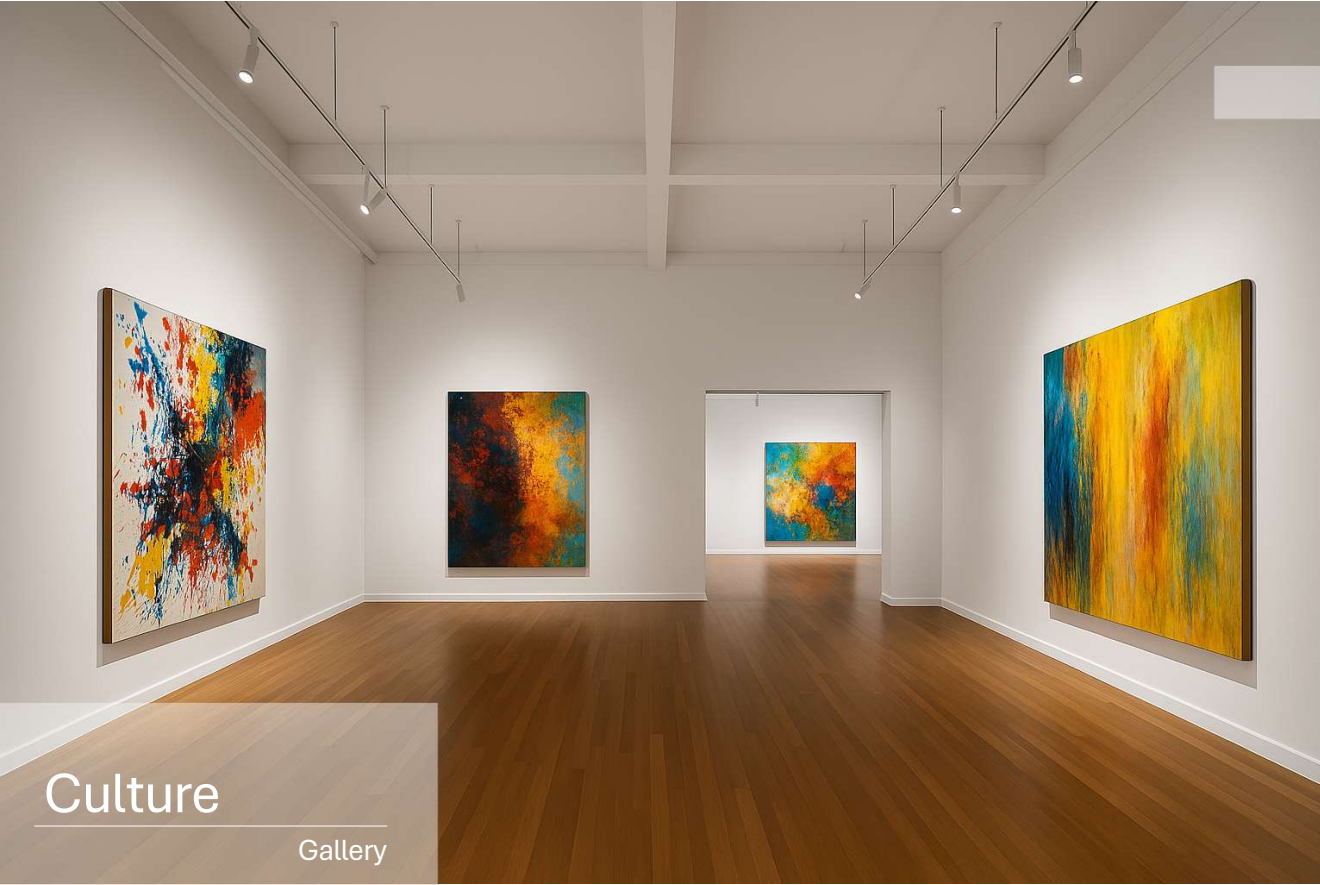
Same Artwork, Two Stories

Lighting isn't just technical—
it's interpretive.

With a simple change in
illuminance level, **beam**
angle, and **colour**
temperature, the very soul of
an artwork can shift.

Whether in galleries,
exhibitions, or private
collections, RoboCan
and RoboTrac allow
curators to fine-tune
these visual narratives
with motorised
precision





Gallery Lighting

Precision Illumination for Grand Occasions

In classical spaces where every chandelier sets the tone, your lighting should do more than simply glow—it should guide the experience.

With RoboCan's **motorised control**, transform the atmosphere from full-room radiance to intimate table-centric focus at the touch of a button.



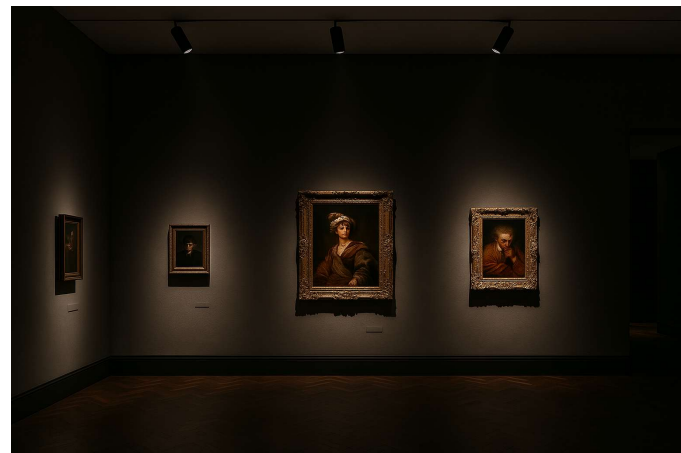


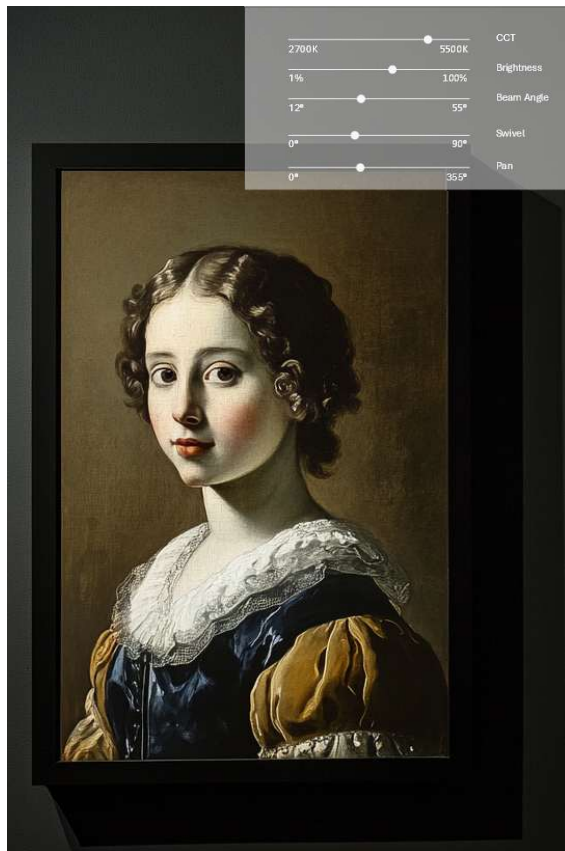
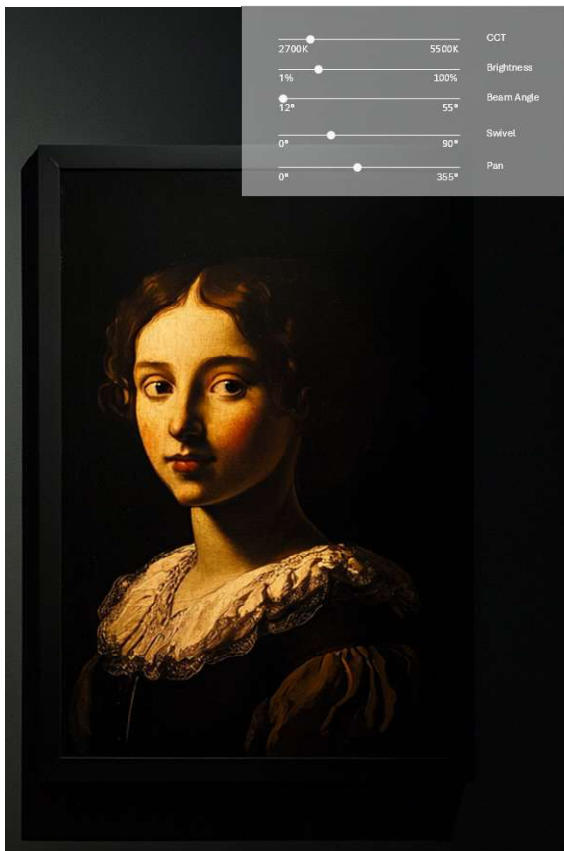
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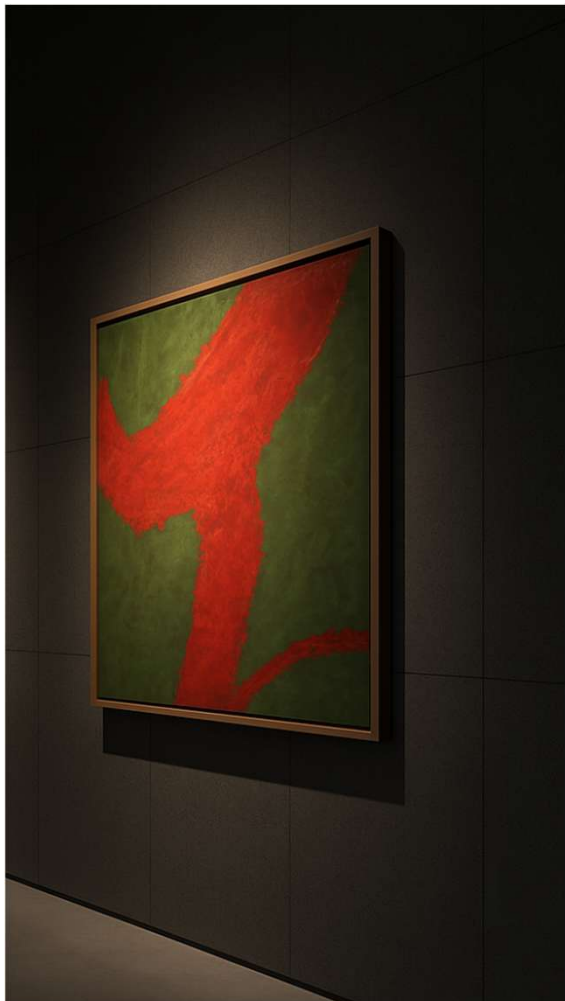
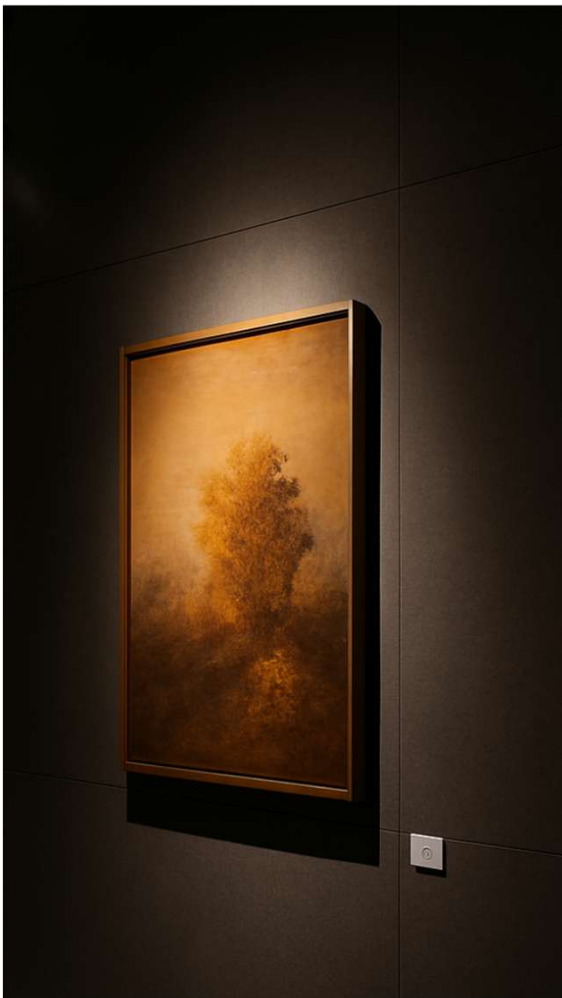
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Lighting isn't just technical—it's interpretive.

With a simple change in **illuminance level, beam angle, and colour temperature**, the very soul of an artwork can shift.

One lighting **scene evokes intimacy, mystery, and chiaroscuro drama**. Another reveals **detail, vibrancy, and historical clarity**.

Whether in galleries, exhibitions, or private collections, RoboCan and RoboTrac allow curators to fine-tune these visual narratives with motorised precision



Lighting, is what you feel

Same Artwork, Two Stories

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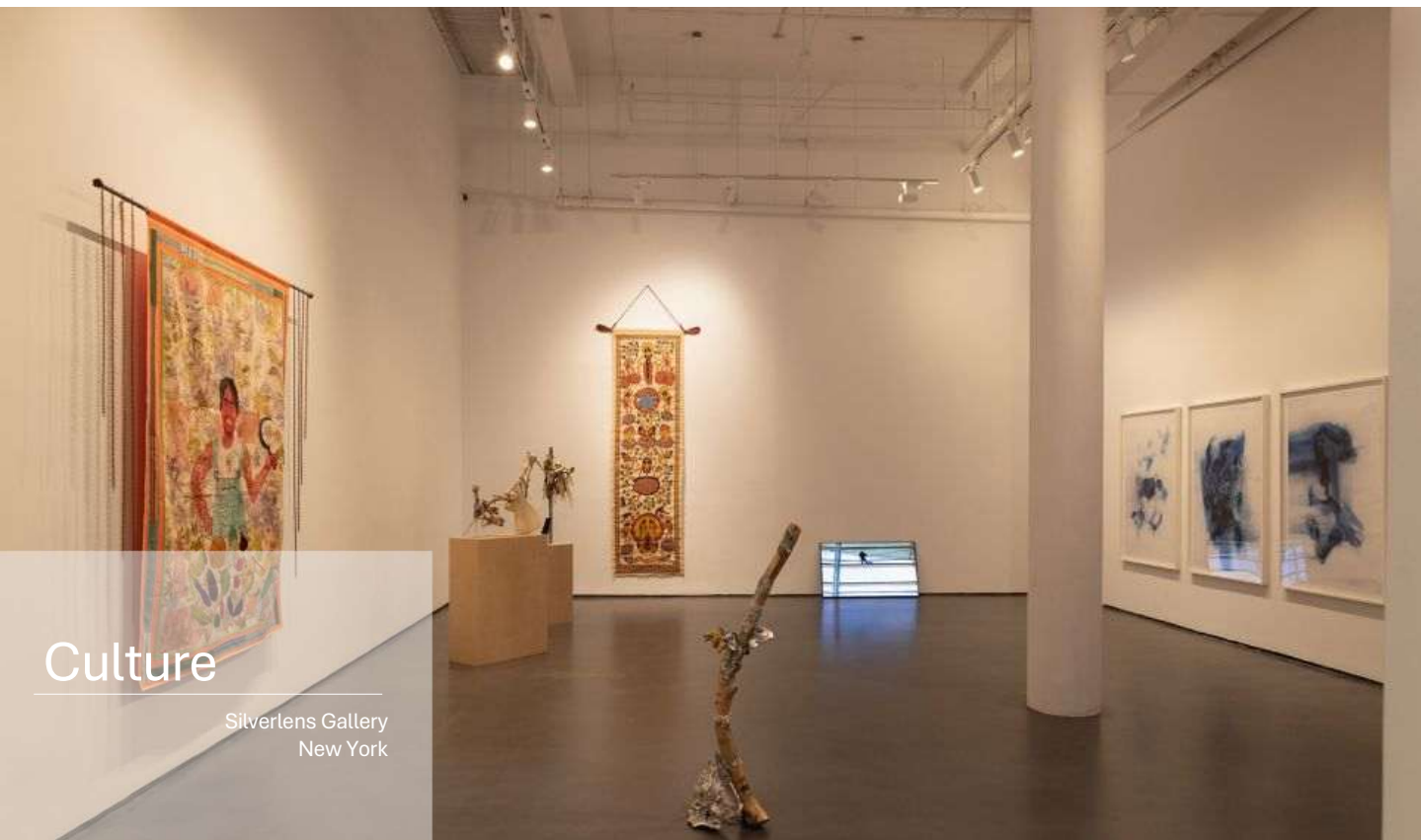
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Culture | Gallery



Culture

Silverlens Gallery
New York

Effortless Lighting for Elevated Experiences

In a space where every detail matters, lighting becomes more than just illumination—it becomes storytelling.





RoboTrac

Zoom S21-1

7D S21-2

Effortlessly transform the atmosphere of their exhibitions. With artworks displayed at varying heights and ever-changing curation needs, RoboTrac makes it easy to fine-tune beam direction, brightness, and colour temperature—even **when fixtures are mounted over 6 metres high.**

The scaffolding and manual adjustments will not be required. With **ZigBee** control and **2.4G Wifi remote** operation, RoboTrac empowers curators to adapt the lighting instantly—so the focus stays where it matters most: on the art.

The gallery welcomes the visitors can focus on the overall experience with comfort and inviting lighting in this cultivate atmosphere.



RoboTrac

Zoom S21-1

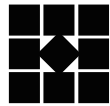
7D S21-2

- **Motorised control** of pan, tilt, dimming, and **Tunable White**
- **Perfect for high-ceiling installations** in galleries, museums, and cultural spaces
- **Wireless ZigBee, 2.4G Wifi compatibility** for seamless integration
- Available in
 - **Zoom:** 12 ° -55°
 - **Narrow Spot:** 7 °
 - 20 °, 25 °, 45 °

For more information, please click the following link, [RoboTrac](https://www.acofusion.com). Or scan the QR code or contact us for further information.

info@acofusion.com
www.acofusion.com





Culture | Church



Culture

Mother House Church
Würzburg

**Warm, reverent lighting,
renewed a sacred space**

A sacred landmark reimagined — the historic Motherhouse Church now features a central altar and 1,500 crosses honouring departed sisters. Thoughtfully integrated lighting enhances the spiritual atmosphere, bringing quiet reverence to every gathering.





Lighting Precision Without Compromise

In the Motherhouse Church, ceiling-mounted fixtures were not an option due to the preserved historic architecture. Instead, **ROBORADAR motorised downlights** were discreetly integrated into the structural ledges. This strategic placement allows for **precise beam direction via remote adjustment**, avoiding physical intervention post-installation.

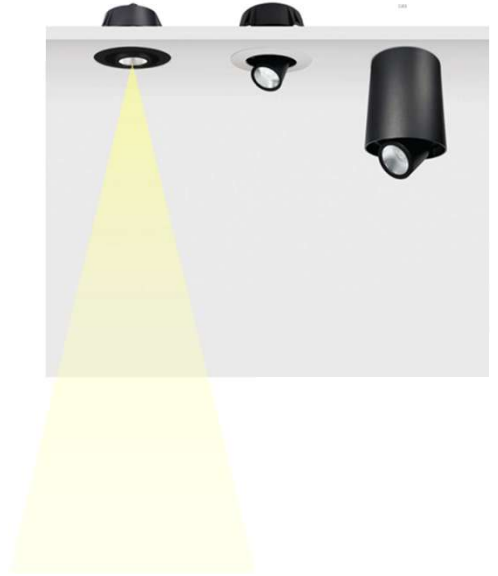
Thanks to its **motorised tilt and rotation**, ROBORADAR delivers layered lighting scenes—from **focused accents** on statues and liturgical elements, to **even ambient washes** for daily worship, or **dramatic contrasts** for special ceremonies. The result is a highly adaptable, unobtrusive system that respects heritage while meeting modern functional needs.





Precision Lighting in Sacred Architecture

Each ROBORADAR unit offers **motorised 0–90° tilt and 360° rotation**, enabling flexible beam orientation post-installation. With a **narrow beam angle of 15°** for accenting sacred icons, or a **wider 36° beam** for ambient washes, lighting scenes can be adjusted without physical access.



For full scene control, the system is integrated with a **2.4G Wifi, Bluetooth and DMX protocol**, allowing dynamic transitions between modes:

Morning Prayers

Soft, diffuse lighting that gently fills the nave, evoking calm and clarity.

Liturgical Celebrations

Layered brightness with focused highlights on the altar and statues, creating depth and visual rhythm.

Evening Contemplation

Dramatic low-level lighting with subtle uplighting, enhancing silence and reflection.



Dynamic Sacred Lighting – Tailored for Every Moment

ROBORADAR motorised downlights were discreetly integrated into the structural ledges. This strategic placement allows for **precise beam direction via remote adjustment**, avoiding physical intervention post-installation.

Day Mode (Left)

A brighter, more open ambiance supports community gatherings and daylight prayer, harmonising natural and artificial light. Soft uplighting draws the eye upward, reflecting the spiritual architecture.

Night Mode (Right)

Focused, low-level accent lighting enhances reverence and silence during evening worship. Sculptural details and architectural rhythm are gently revealed, while the altar remains the luminous centrepiece.



RoboRadar

Trimless	D69-1
Trim	D69-2

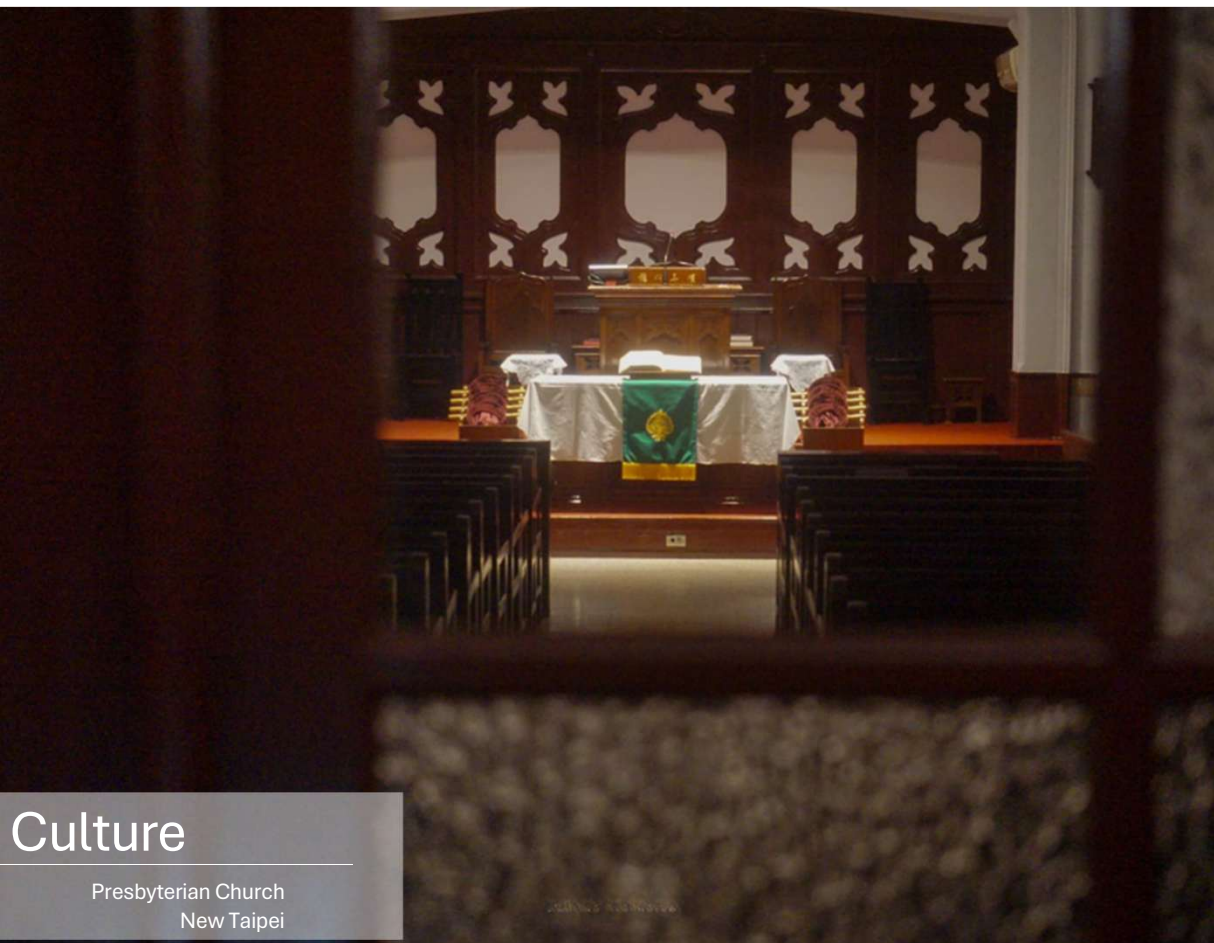
For more information,
please refer to the
following link: [RoboRadar](#)

Or consult us if further
information is required.

info@acofusion.com

www.acofusion.com





Culture

Presbyterian Church
New Taipei

Harmonizing Light
for Sacred Spaces





Culture

Presbyterian Church
New Taipei

Harmonizing Light for Sacred Spaces

POLO for General Illumination –

Soft, uniform lighting enhances the architectural beauty while maintaining a calm and inviting environment.

RoboTrac for Precision Control –

Adjustable **zoom optics** allow fine-tuned focus on key areas such as the altar, ensuring visual emphasis where it matters most

Balancing Brightness & Comfort –

A thoughtful lighting design that provides **clarity without harshness**, allowing attendees to engage in both worship and reflection.

Adaptive Lighting for Different Occasions – Whether for a **quiet prayer session** or a **special ceremony**,

the combination of these systems ensures lighting that adapts to the moment.

Harmonizing Light for Sacred Spaces

Before (Left)

A brighter, more open ambiance supports community gatherings and daylight prayer, harmonising natural and artificial light. Soft uplighting draws the eye upward, reflecting the spiritual architecture.



After (Right)

A brighter, more open ambiance supports community gatherings and daylight prayer, harmonising natural and artificial light. Soft uplighting draws the eye upward, reflecting the spiritual architecture.



Harmonizing Light for Sacred Spaces

Before (Left)

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After (Right)

A brighter, more open ambiance supports community gatherings and daylight prayer, harmonising natural and artificial light. Soft uplighting draws the eye upward, reflecting the spiritual architecture.










Commercial | Cooperate



Cooperate

Innovation Centre
Germany

Welcome that Reflects Your Brand

The entrance to your innovation centre isn't just a passageway—it's your brand's first impression. Whether welcoming guests for a **product launch, internal conference, or VIP tour**, RoboTrac 45W ensures your space speaks with clarity and precision.

With **motorised zoom optics**, RoboTrac empowers you to sculpt the light exactly where you need it—from a **crisp 12° spotlight** to define focal points like logos or installations, to a **generous 55° flood** that opens up the space with soft ambient wash.

The zoom function can be adjusted with DMX remotely, offering instant flexibility when layouts or content change—without touching the ceiling.



Smarter Spaces for Agile Teams

In spaces where strategy is shaped and ideas exchanged, lighting should enable—not hinder—collaboration.

This executive lounge combines **RoboTrac's** precision control with the subtle adaptability of **RoboRadar**, offering layered flexibility to match **both formal presentations** and **relaxed breakout discussions**.

Whether **showcasing art**, **preparing for an investor pitch**, or **transforming for evening hospitality**, lighting scenes can be adjusted remotely via DMX, supporting seamless transitions without physical touch.



RoboTrac 45W

DMX control

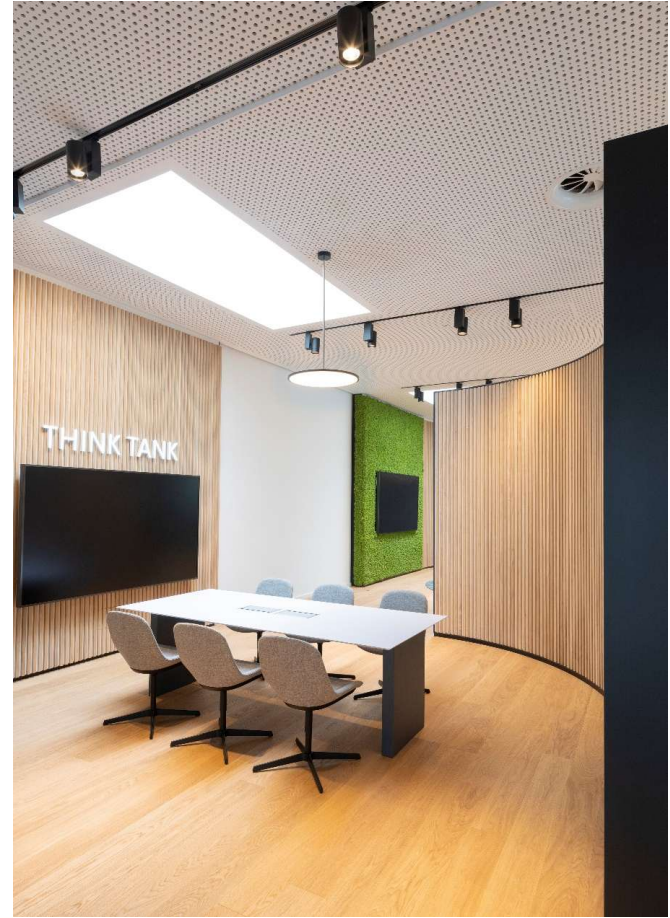
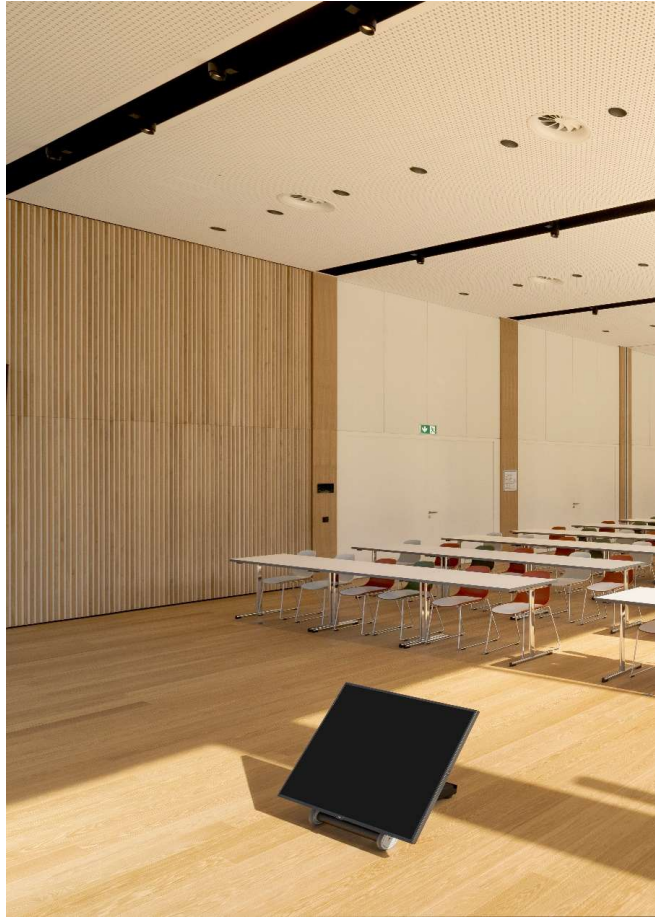
Zoom

RoboRadar 20W

DMX control

15D

24D





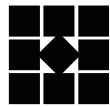
Adaptive Lighting for Dynamic Meetings

Boardroom. Training hall. Workshop space. This meeting room transforms daily—and the lighting follows.

From focused spots for speaker sessions to broad washes for open discussion formats, each preset scene is activated wirelessly, ensuring your space always performs at its best.

With RoboRadar, beam angles and intensity dynamically respond to furniture layout and activity with preset scenes.

- Supports **varied desk and seating arrangements**
- **Scene change** via pre-programmed sequences
- Narrow **15° for detail. 24° & 36° for spatial coverage**



Commercial | Car Dealer



Retail

Cubee Car dealer showroom
Shanghai

Precision Lighting, Perfectly Framing the Drive

In a space where legacy meets innovation, lighting becomes part of the performance.

At the **Cubee.is Shanghai Car Gallery**, our motorised spotlighting system works in harmony with architecture and automotive craftsmanship.

Visitors are greeted not just by vehicles, but by immersive storytelling shaped through light, form, and motion. This is not just a showroom—**it's a cinematic experience.**





RoboTrac

Zoom

S21-1

In a space where every curve and chrome detail deserves the spotlight, **RoboTrac** delivers dynamic, high-precision lighting that adapts to the moment.

From the sharp edges of a vintage bonnet to the deep shine of a luxury finish, RoboTrac's motorised zoom and directional control ensure the car is always viewed at its best—**without ladders, delays, or compromises.**

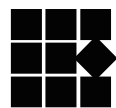
Whether you're hosting a product launch or refreshing the display overnight, RoboTrac brings unmatched flexibility and elegance to your showroom. Integrated with **RoboCan downlights**, the lighting remains seamless, sculptural, and bold—just like the cars beneath them.

- **Motorised control** of pan, tilt, dimming, and **Tunable White**
- **Perfect for high-ceiling installations** in galleries, museums, and cultural spaces
- **Wireless ZigBee, 2.4G Wifi compatibility** for seamless integration
- Available in
 - **Zoom:** 12 ° -55°
 - **Narrow Spot:** 7 °
 - 20 °, 25 °, 45 °

For more information, please click the following link, [RoboTrac](https://www.acofusion.com). Or scan the QR code or contact us for further information.

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www.acofusion.com





Commercial | Retail shop



What if with one setup that can fulfil all theme and event lighting requirements for your display window?



RoboRadar offers retailers a revolutionary way to refresh their window displays without reconfiguring the lighting setup.

With fully adjustable pan (0–355°) and tilt (0–90°), and three precise beam angles (15°, 24°, 36°), this motorised spotlight allows seamless theme transitions — from festive to seasonal to editorial — while maintaining optimal focus and mood.

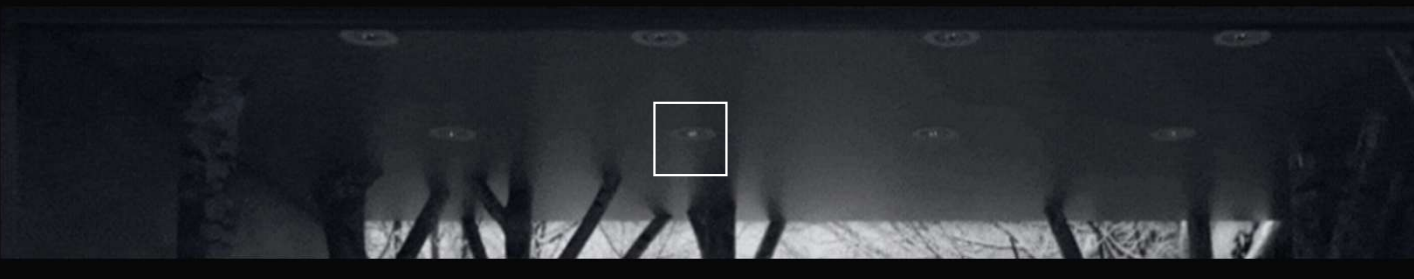
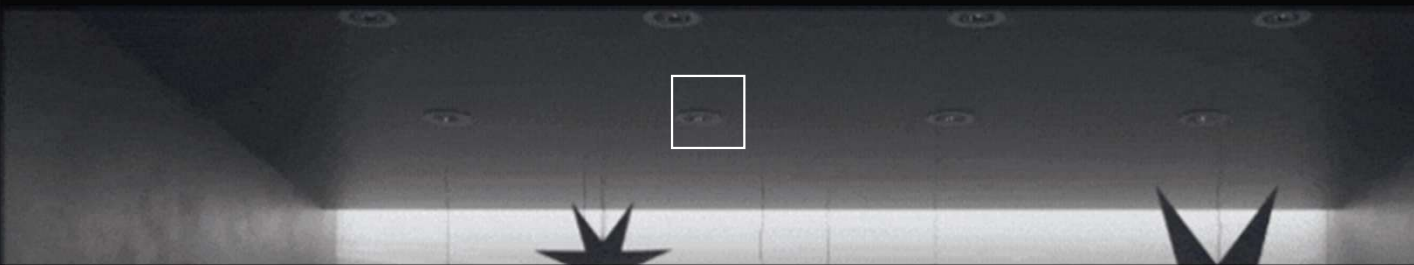
Control Flexibility

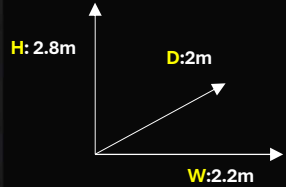
This overhead layout reveals how ROBORADAR spotlights can be independently aimed at focal points — mannequins, décor, or textures — using pan/tilt adjustments.

Designers can fine-tune each spotlight remotely to match evolving display themes without the need for scaffolding or rewiring.

Seamless Beam Integration
The range of beam angles (15°, 24°, 36°) supports layered lighting:

- 15° for precise highlights
- 24° for mannequin key lighting
- 36° for ambient wall wash





Light No.	Location in Grid	Function Across Scenes	Revised Beam Angle	Reasoning
L1	Key light / accent (left face or prop)	Focus on mannequin's face or lead product	15°	Creates a precise and dramatic highlight on mannequin's face or feature
L2	Front-left (balance)	Secondary focus, e.g. opposite shoulder or object	15°	Acts as a cross-key to build facial/upper-body definition
L3	Overhead centre	General figure modelling	24°	Controlled beam for lighting the backdrop without flooding the scene
L4	Back-left	Edge ambient & rear fill	24°	Accents floor-level props while keeping focus refined
L5	Back-right	Background shaping + light on props	24°	Balanced top-down modelling light on torso
L6	Side wall (low tilt)	Wash on side trees or spatial depth	36°	Softens the floor zone and blends lower visual elements
L7	Floor/front accent	Ground elements, props, shoes, packaging	36°	Background wash to add depth and ambient layering
L8	Rear/edge framing	Back wall texture or creating silhouette depth	15°	High-contrast edge light for silhouette or directional framing





Control Flexibility

This overhead layout reveals how ROBORADAR spotlights can be independently aimed at focal points — mannequins, décor, or textures — using pan/tilt adjustments.

Brightness

CCT

Pan

Tilt



Targeted Accent Lighting with Full Control

Each ROBORADAR unit in this scene targets a single mannequin, creating distinct contrast and visual hierarchy. Designers can independently pan and tilt each fitting to suit character spacing, outfit colour, or silhouette shape — achieving theatrical impact or gentle balance.

Brightness 100%

CCT 6000K

Pan 10°

Tilt 15°



Dynamic Scene Composition with Pan Control

Here we see a clear pan angle comparison. Shifting from 10° to 21° allows the beam to smoothly traverse mannequins and props — perfect for animating displays or redistributing focus as new products arrive.

A shop designer can reposition light without lifting a finger, even across high ceilings or deep display cases.

Brightness 100 %

CCT 6000K

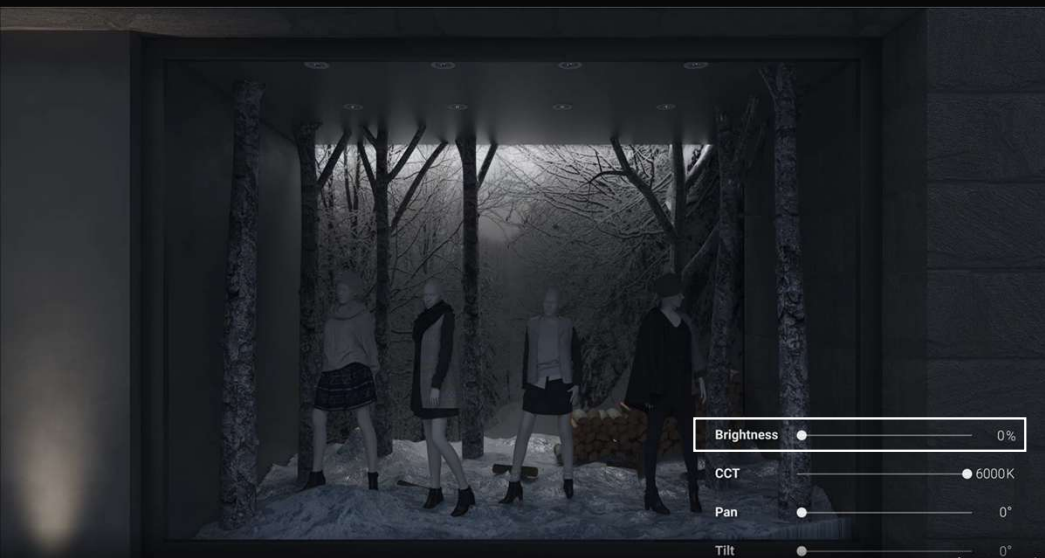
Pan 21°

Tilt 30°

Visual Impact at 0% vs 100% Output

This comparison illustrates the critical role of brightness control. ROBORADAR delivers 0–100% dimming via Bluetooth or DMX — ensuring you can adapt to ambient light, seasonal atmosphere, or brand tone.

Effortless Transitions Switch between moody dusk and radiant showcase lighting instantly — all via mobile or central system control.





2700K vs 6000K – Tailored Colour Ambience

Using ROBORADAR's tunable CCT, the theme can be warmth for autumn collections or crisp coolness for winter campaigns.

This flexibility allows you to align the light's tone with fabric texture, skin tone of mannequins, and even painted backgrounds.

All via App or DMX Console

No relamping, no manual labour — just intuitive, wireless transitions.

Brightness 100%

CCT 2700K

Pan 35°

Tilt 50°



Brightness 100%

CCT 4700K

Pan 35°

Tilt 50°

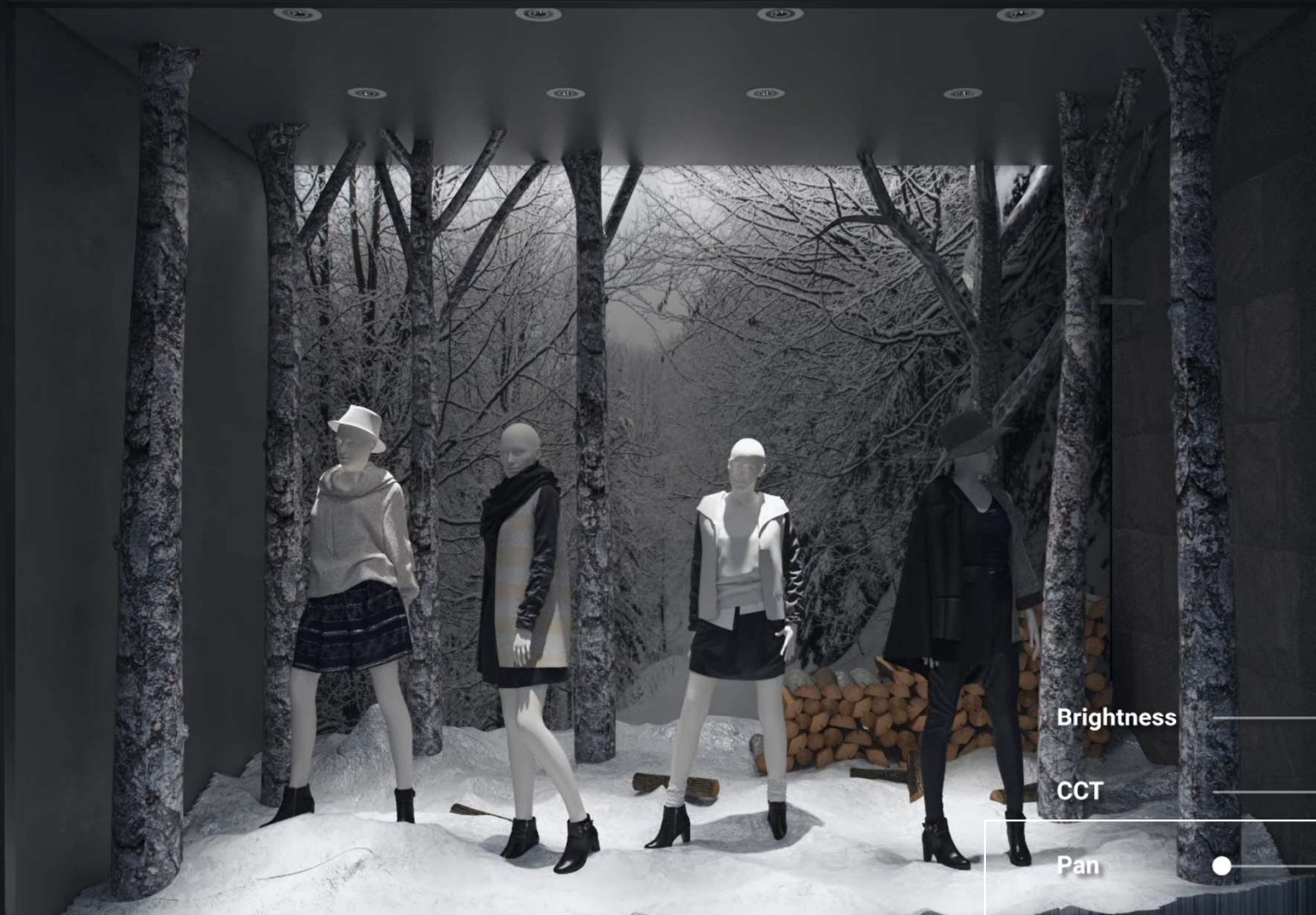


Brightness 100%

CCT 6000K

Pan 35°

Tilt 50°



Multi-Angle Coordination from One System

This final image highlights how multiple ROBORADAR fittings can be coordinated in tandem — with individual pan, tilt, brightness and CCT settings — ensuring an immersive and perfectly balanced visual story.

The Future of Visual Merchandising

ROBORADAR empowers lighting designers with full creative freedom, automation, and remote access — making it a cornerstone tool in modern retail design.

Brightness 100%

CCT 6000K

Pan 0°

Tilt 0°





Awakening in the Forest

A quiet scene where the mannequin emerges from a winter woodland, bathed in soft light.

The Future of Visual Merchandising

ROBORADAR empowers lighting designers with full creative freedom, automation, and remote access — making it a cornerstone tool in modern retail design.

Brightness 100 %

CCT 4000 K

Pan 25°

Tilt 27°



Hero Under the Spotlight

The lighting focuses sharply, creating high contrast and tension like a stage scene.

The Future of Visual Merchandising

ROBORADAR empowers lighting designers with full creative freedom, automation, and remote access — making it a cornerstone tool in modern retail design.

Brightness 100%

CCT 4000K

Pan 45°

Tilt 48°



Afterglow of the Scene

A more subdued mood, as if the performance is over and the silence takes over

The Future of Visual Merchandising

15° beam angle, ideal for isolating objects in a dark, controlled environment.

Brightness 50%

CCT 4000K

Pan 45°

Tilt 48°



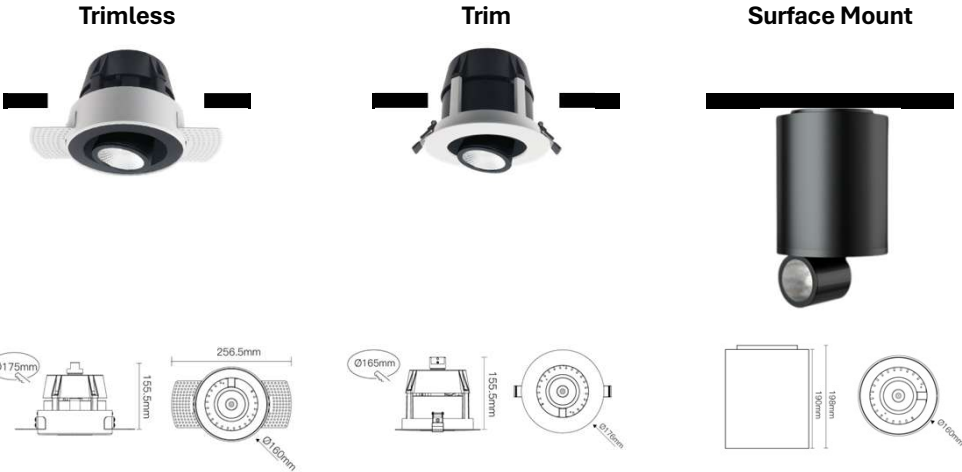



RoboRadar

In elegant venues where every detail matters, lighting must do more than illuminate — it must **orchestrate the mood**.

With **motorised pan, tilt, and zoom**, RoboRadar brings effortless control to your fingertips, shifting from a wide ambience to an intimate spotlight in seconds.

Whether you're **spotting a centrepiece** with a **precise 15° beam** or bathing a stage in a **soft 36° glow**, RoboRadar tells the story — beautifully, seamlessly, and without needing a ladder.



Model	Power	CCT	CRI	Beam	lm	SDCM	Control	Accessories
RoboRadar	20W	2700K	90	15 ^o	1650	≤3	2.4G	Remote Ctrl
		3000K	92	24 ^o	2250	≤3	Bluetooth	
		4000K	95	36 ^o	2850	≤3	DMX512	
		Tunable White						
Cutout								
Ø165mm		2700K (on request)	98					
Ø175mm								
Remark				Remark				
SDCM≤3	SDCM ≤2 is available by request			R9	R9 = 60, higher R9 value is available by request			
98	On request							
Ø175mm	Trimless cutout dimension							
								







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Narrow	Beam	H(m)	E(lx)	Ø(m)
1,650 lm 82 lm/W	15° 	1	10,730	0.3
		2	2,680	0.5
		3	1,190	0.6
		4	670	0.9
		5	430	1.2

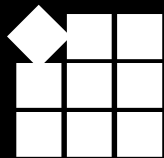
Medium	Beam	H(m)	E(lx)	Ø(m)
1,700 lm 89 lm/W	24° 	1	7,580	0.6
		2	1,895	0.8
		3	840	1.2
		4	475	1.8
		5	300	2.4

Medium	Beam	H(m)	E(lx)	Ø(m)
1,780 lm 94 lm/W	36° 	1	4,935	0.6
		2	1,235	1.1
		3	550	1.7
		4	310	2.3
		5	195	2.8



IP20



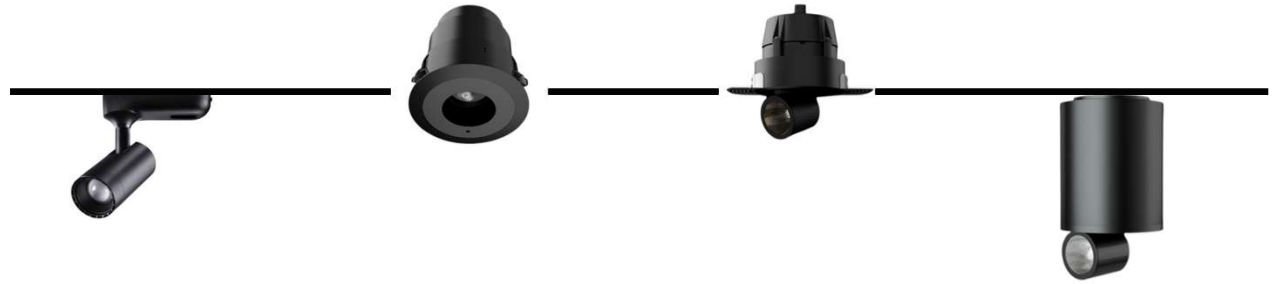


Contact

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Specification | Robo Family



Hospitality | Hotel

Hospitality

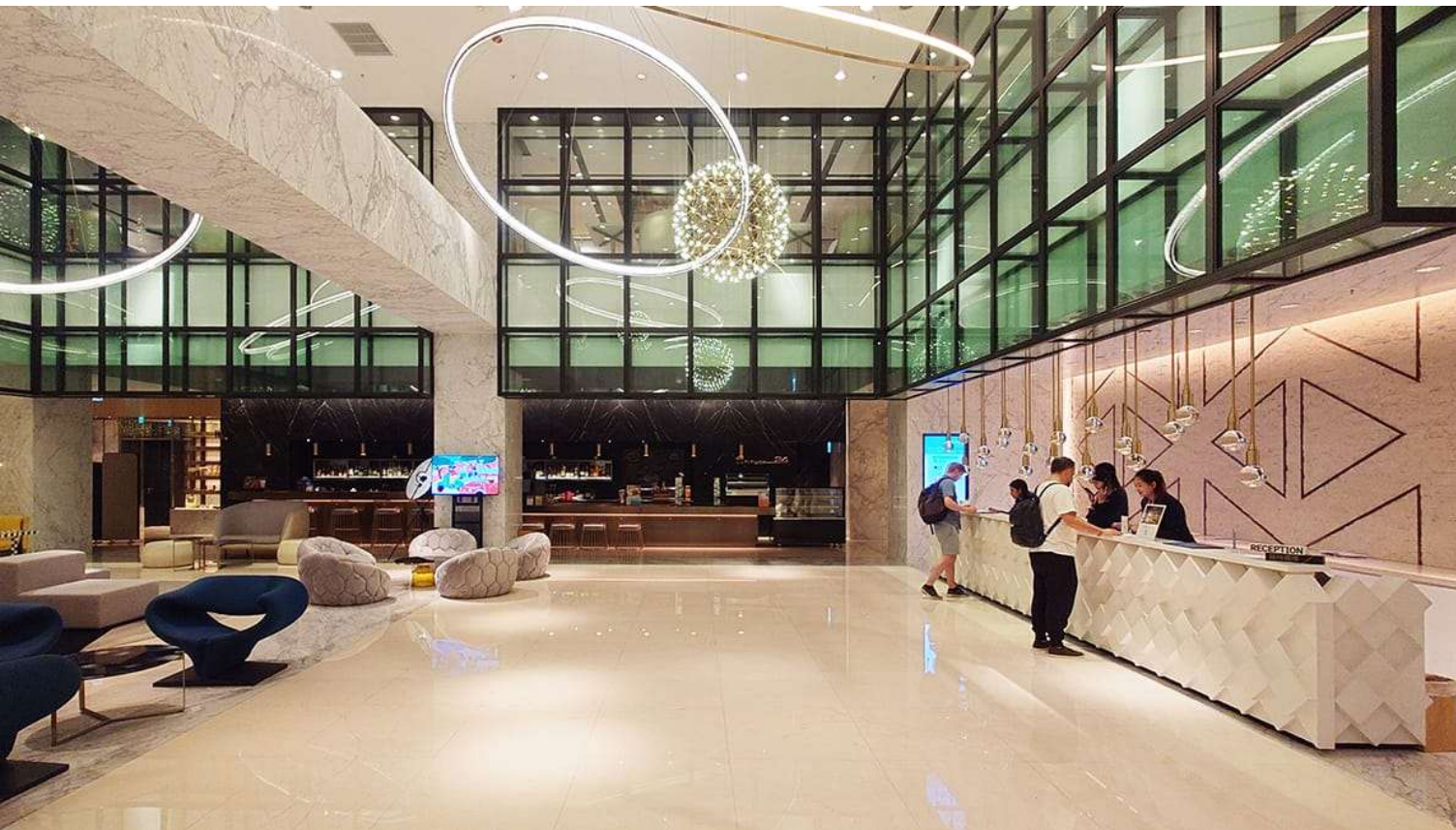
Le Meridien Hotel
Taichung



Where Hospitality Meets Precision Lighting

In a landmark tower where skyline
meets sophistication, lighting control
becomes part of the guest experience.





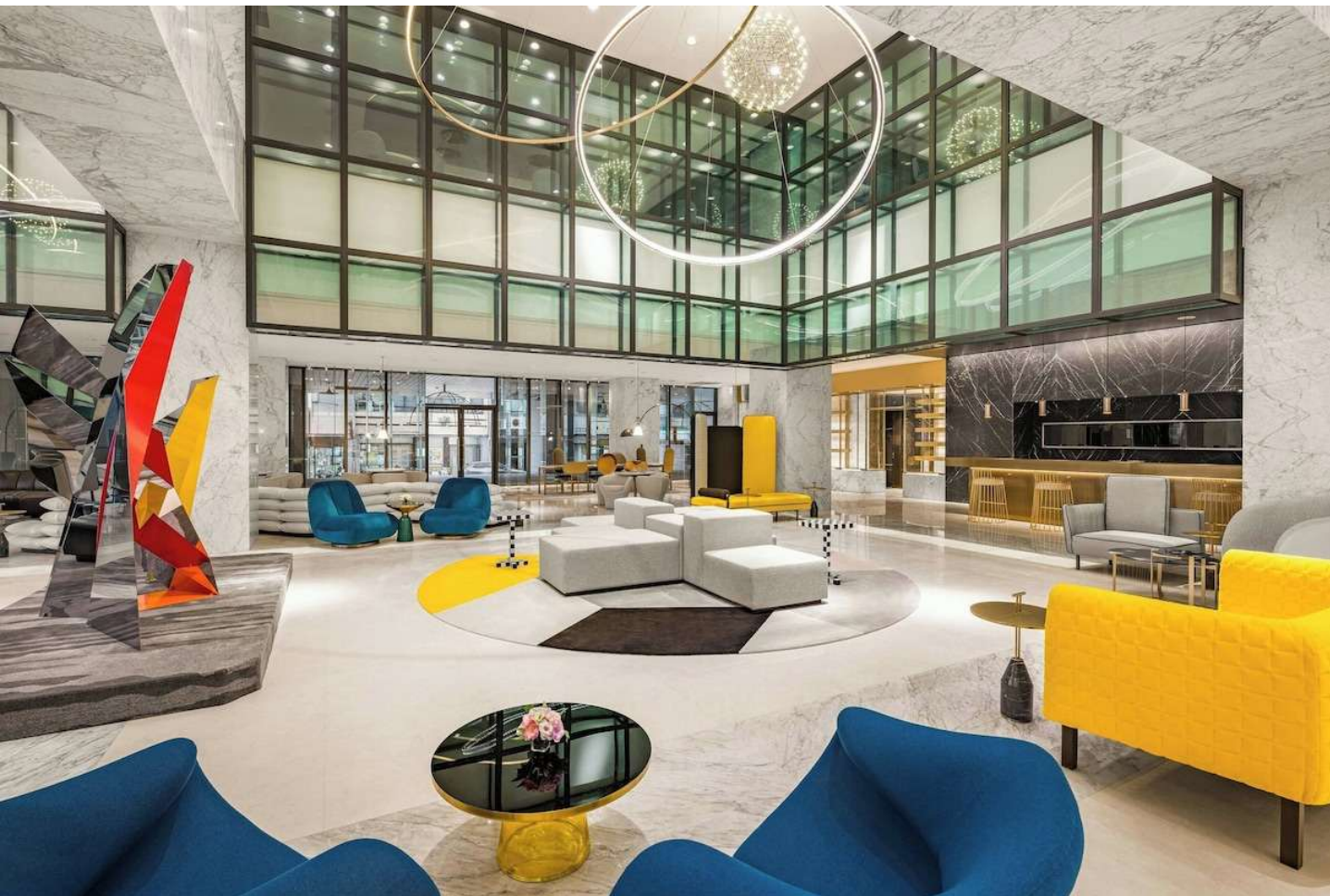
Welcome with Light

Creating first impressions with quiet precision.

From early check-ins to midnight cocktails, **RoboCan adapts** naturally to shifting atmospheres.

At **Le Méridien Taichung**, lighting isn't just a functional layer—it's an invisible host. Whether highlighting reception counters with focus, or embracing the lobby in gentle warmth, RoboCan's **motorised precision** elevates without disruption.

Lighting control that flows with your rhythm—not against it.



Balanced by Day, Beautiful Always

This is where daytime transforms the lobby into a hub of energy and connection.

RoboCan's wide beam angles balance natural daylight and fill the space evenly—accentuating floral displays, art pieces, or vibrant furnishings.

Warm 3000K ambience welcomes guests with comfort, while **adaptive control** ensures that every zone feels intentional—without breaking the ceiling line.



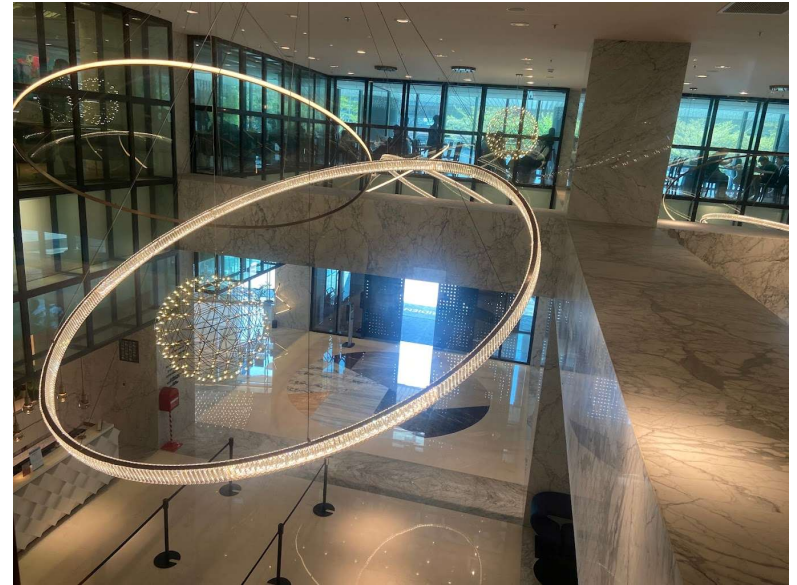
Set the Scene, Elevate the Atmosphere

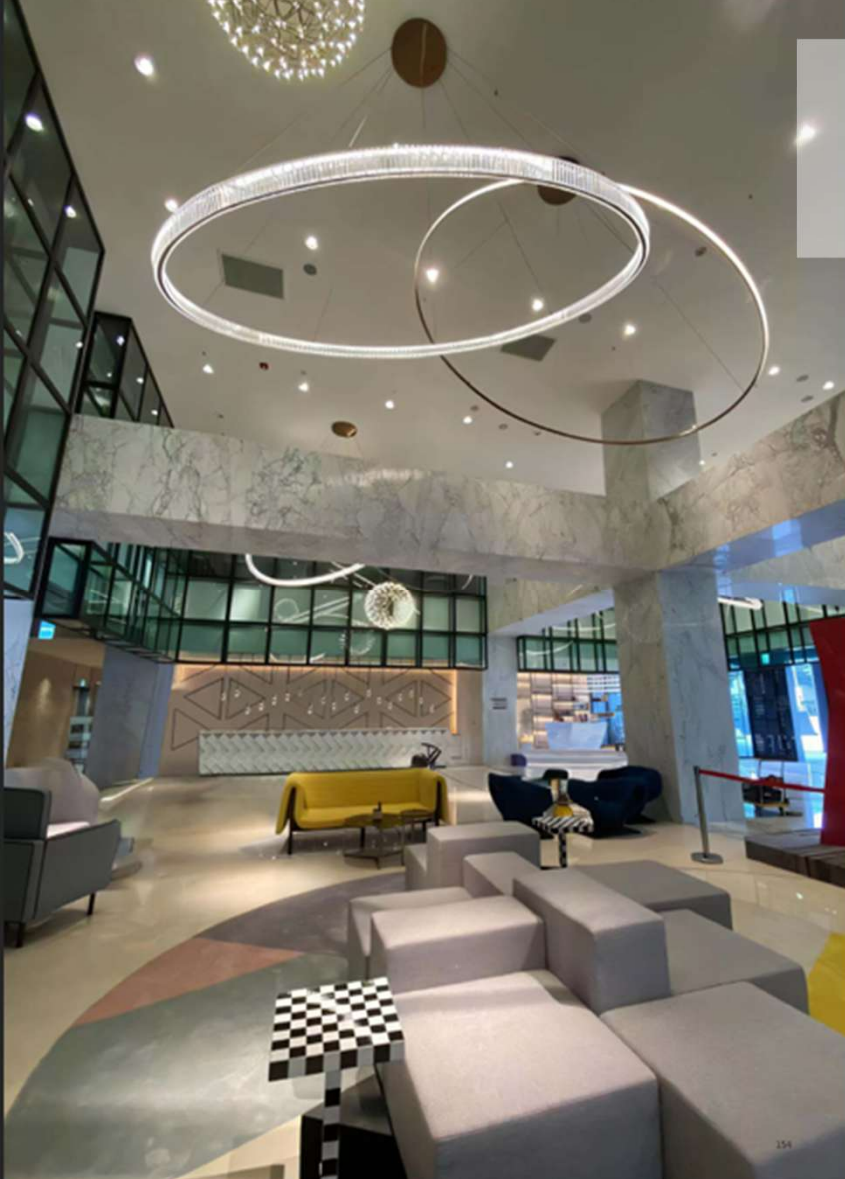
Dynamic lighting without disturbing design

Holiday themes? Brand activations? Evening galas? With RoboCan, lighting adapts to every event without touching a fixture.

From soft architectural uplighting to bold feature spotlights, RoboCan brings out the sculptural elegance of the space, enhancing both architecture and atmosphere.

- Tilt and rotate beam for new focal points
- Sync with ZigBee for pre-programmed scenes





RoboCan

7D	D63-1
24D	D63-2

- **Motorised control** of pan, tilt, dimming, and **Tunable White**
- Motorised **0–30° tilt & 360° rotation**
- **Wireless ZigBee, 2.4G Wifi compatibility** for seamless integration
- Real-time adjustment without physical access
- Pre-set scene modes for business, lounge, or event settings
- Available in
 - **Narrow Spot:** 7 °
 - 20 °, 25 °, 45 °

For more information, please click the following link, [RoboCan](https://www.acofusion.com). Or scan the QR code or contact us for further information.

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www.acofusion.com

