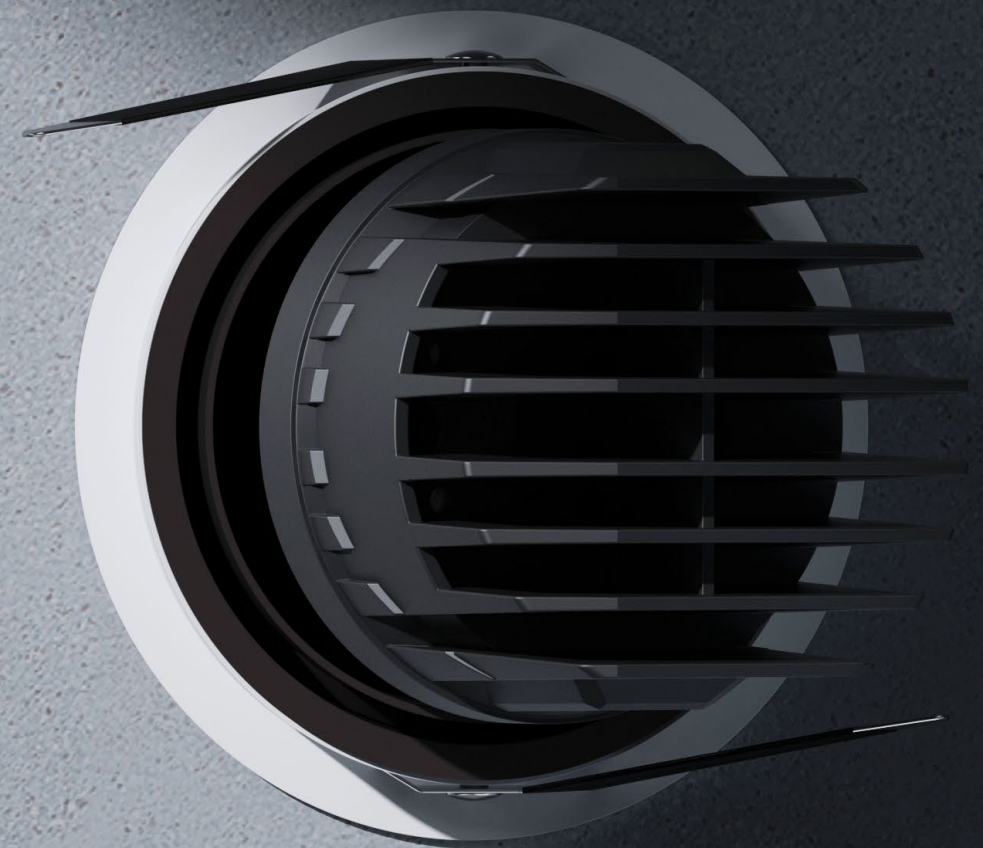
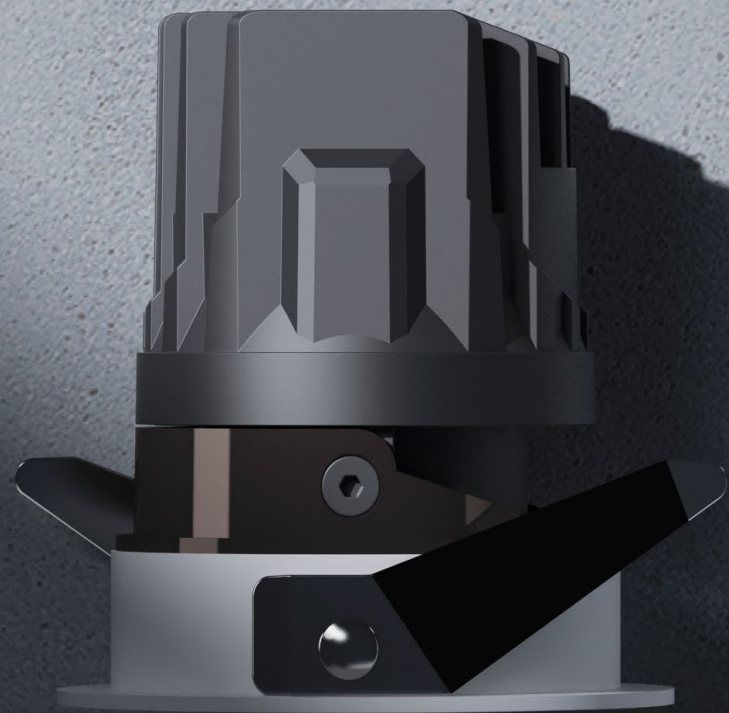




Light Loop*

DOWNLIGHT



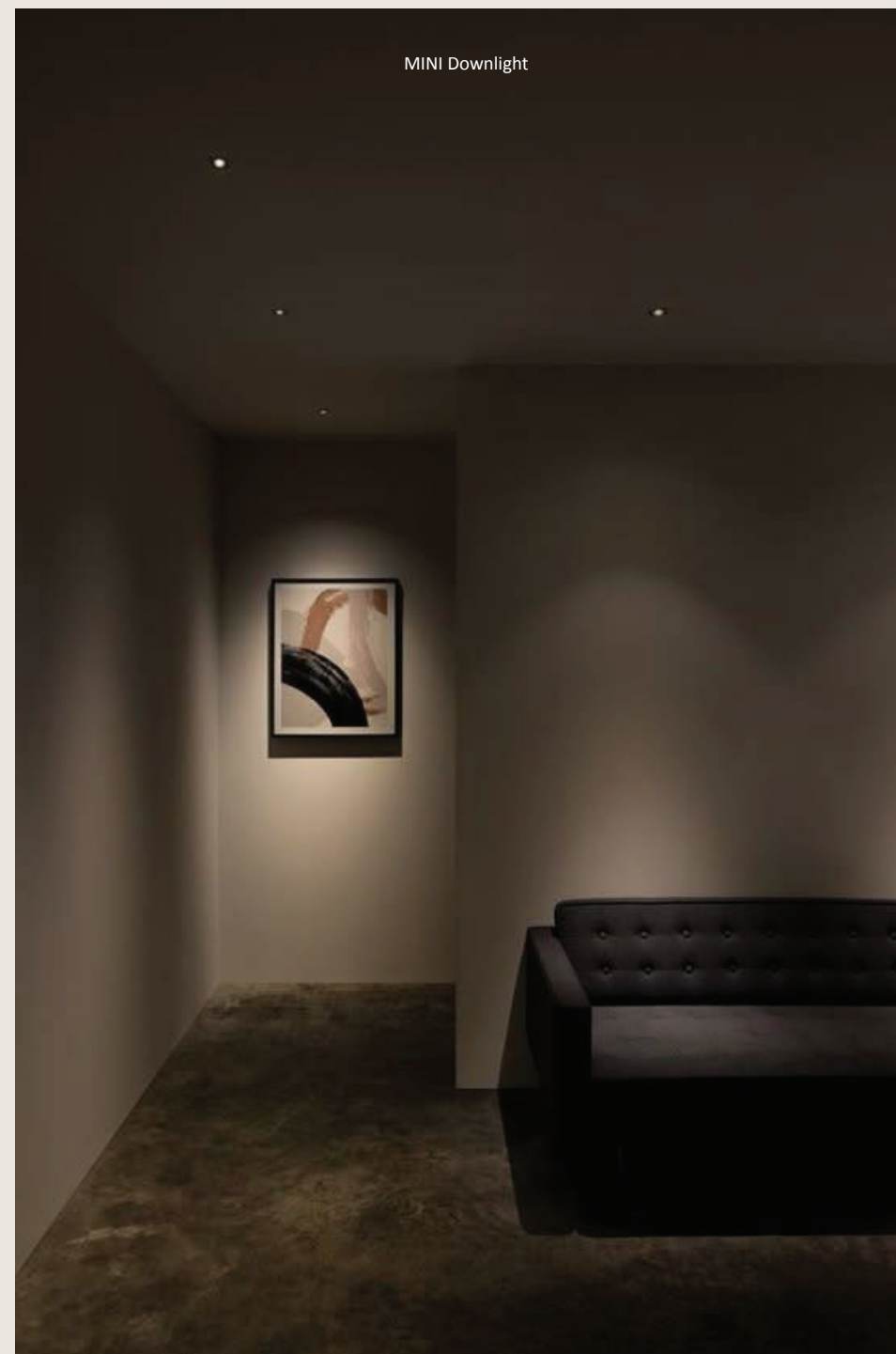
"Bring you beyond"



Light Loop "VISION"

Our vision is to become a leader in LED lighting technology, focusing on energy efficiency and innovation to reduce environmental impact and promote sustainable development.





LightLoop "MISSION"

- To supply high-quality, cost-effective lighting products.
- To provide top-notch customer service and professional consultation, ensuring that customers maximize the benefits of their lighting systems.
- To advocate for energy-saving lighting solutions that reduce long-term operational costs.



A narrow beam angle creates a more dramatic and intimate mood, while a wider beam angle provides a softer, more open ambiance.

Beam angle

A narrow beam angle creates a more dramatic and intimate mood, while a wider beam angle provides a softer, more open ambiance.

- **Narrow beam (<30°):** Focused light for spotlight effect. Creates a dramatic, focused, or cozy feeling.
- **Medium beam (30°–60°):** Medium spread light. Suitable for reading or accent lighting.
- **Wide beam (>60°):** Wide light distribution. Gives a soft, open, or relaxing feeling.



CRI > 70-79

CRI > 80/90

CRI (Color Rendering Index)

CRI indicates how accurately a light source reveals the true colors of objects compared to natural light (100 is the best score).

Benefits of High CRI (80–100)

Natural Color Appearance

Ideal for tasks requiring accurate color perception like design, art, clothing stores, or restaurants.

Less Eye Strain

High CRI lighting provides clearer vision and reduces eye fatigue.

Better Ambiance

Brings out true colors, enhancing space appearance and liveliness.

Low CRI (<80) may cause...

Colors to appear dull or distorted, e.g., pale skin tones or unappetizing food. Poor ambiance and unnatural look.

Recommendation

Use CRI 80–100 for homes, retail stores, studios, or any place where accurate color rendering is needed.



CCT (Correlated Color Temperature)

Measured in Kelvin (K), CCT tells whether light appears warm or cool in tone.

Warm White < 3,000K

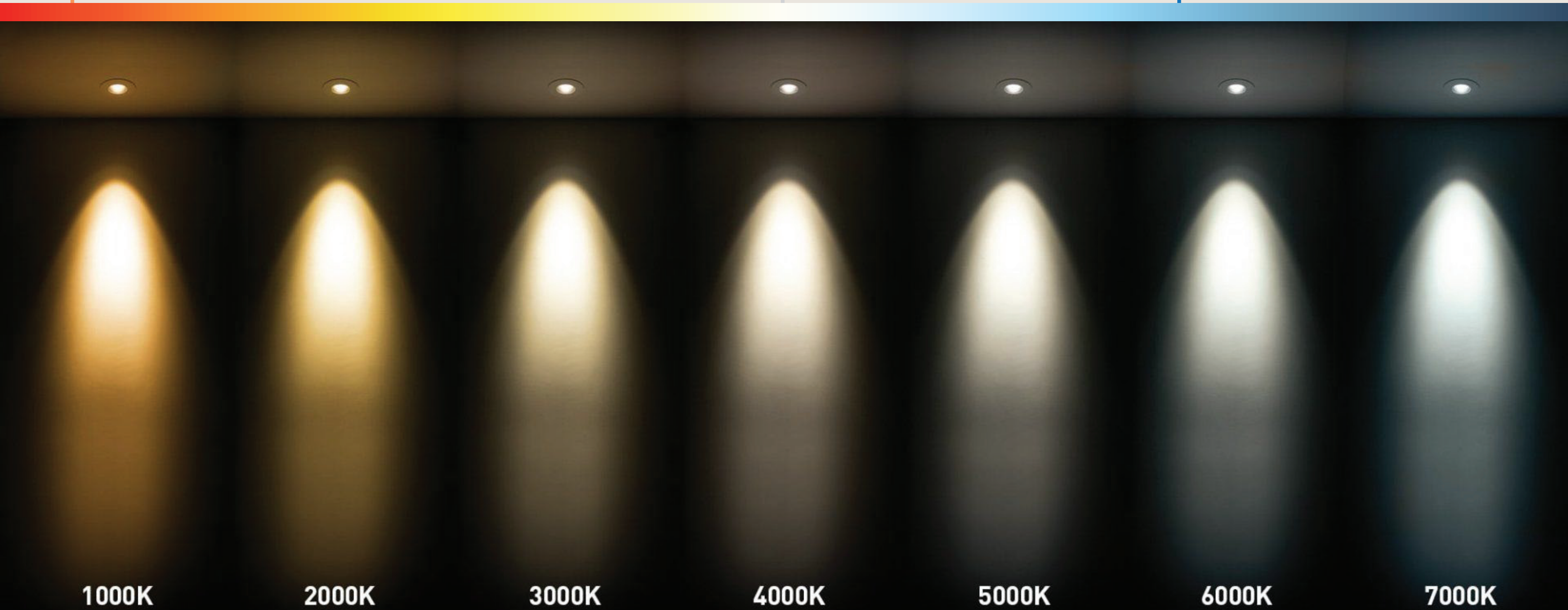
- ♦ Warm light with yellow-orange tint, similar to candlelight or incandescent bulbs.
- ♦ Cozy and relaxing atmosphere.
- ♦ Best for: Living rooms, bedrooms, restaurants.

Cool White 4,000K - 5,000K

- Natural white light, similar to mid-day sunlight.
- Feels fresh, clean, and balanced.
- Best for: Offices, kitchens, bathrooms, shops.

Daylight > 5,500K

- ♦ Bluish-white light like the sky at noon.
- ♦ Energizing, alertness-enhancing, good for focus.
- ♦ Best for: Hospitals, meeting rooms, factories.



1000K

2000K

3000K

4000K

5000K

6000K

7000K

Recessed Downlight



1



Model : LL-RC-COB
Product Type : Recessed Downlight
Light Source : COB LED
CCT : 3000K / 4000K / 6500K
Color : White / Black
CRI/RA : >90

Size	Lamp Size (mm.)	Cut Size (mm.)
7W	: Φ63 x H61	Φ55
12W	: Φ83 x H79	Φ75
18W	: Φ101 x H90	Φ90

2



Model : LL-SN-KZ75
Product Type : Recessed Downlight
Light Source : COB LED
CCT : 3000K / 4000K / 6500K
Color : White / Black
CRI/RA : >90

Size	Lamp Size (mm.)	Cut Size (mm.)
12W	: Φ85 x 85	Φ75

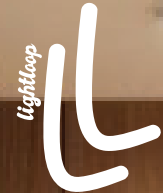
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Model : LL-RCDF
Product Type : Recessed Downlight
Light Source : COB LED
CCT : 3000K / 4000K / 6500K
Color : White / Black
CRI/RA : >90

Size	Lamp Size (mm.)	Cut Size (mm.)
12W	: Φ83 x 60	Φ75





4

Model : LL-SN-Y1/TL2X
Product Type : Recessed Downlight
Light Source : COB LED
CCT : 3000K / 4000K / 6500K
Color : White / Black
CRI/RA : >90

Size	Lamp Size (mm.)	Cut Size (mm.)
10W	: Φ61 x 80	Φ55
12W	: Φ72 x 80	Φ65
12W	: Φ82 x 81	Φ75
15W	: Φ82 x 95	Φ75
18W	: Φ93 x 105	Φ85-90
25W	: Φ103 x 110	Φ95



5

Model : LL-SN-Y1/YWT
Product Type : Recessed Downlight
Light Source : COB LED
CCT : 3000K / 4000K / 6500K
Color : White / Black
CRI/RA : >90

Size	Lamp Size (mm.)	Cut Size (mm.)
12W	: Φ83 x 45	Φ75
18W	: Φ104 x 45	Φ95
24W	: Φ134 x 50	Φ120



6

Model : LL-SN-XMY
Product Type : Recessed Downlight
Light Source : COB LED
CCT : 3000K / 4000K / 6500K
Color : White / Black
CRI/RA : >90

Size	Lamp Size (mm.)	Cut Size (mm.)
7W	: Φ63 x H75	Φ55
12W	: Φ85 x H82	Φ75
18W	: Φ110 x H110	Φ95

Recessed Downlight

7



Model : LL-SN-Y1/YW
Product Type : Recessed Downlight
Light Source : COB LED
CCT : 3000K / 4000K / 6500K
Color : White / Black
CRI/RA : >90

Size	Lamp Size (mm.)	Cut Size (mm.)
7W	: Φ62 x 80	Φ55
10W	: Φ83 x 73	Φ75
12W	: Φ83 x 85	Φ75
18W	: Φ103 x 95	Φ95

8



Model : LL-SN-DSYMZ
Product Type : Recessed Downlight
Light Source : COB LED
CCT : 3000K / 4000K / 6500K
Color : White / Black
CRI/RA : >90

Size	Lamp Size (mm.)	Cut Size (mm.)
5W	: Φ62 x 40	Φ55
7W	: Φ82 x 45	Φ75
12W	: Φ82 x 50	Φ75
15W	: Φ105 x 50	Φ95

9



Model : LL-SN-Y1/ZQ7
Product Type : Recessed Downlight
Light Source : COB LED
CCT : 3000K / 4000K / 6500K
Color : White / Black
CRI/RA : >90

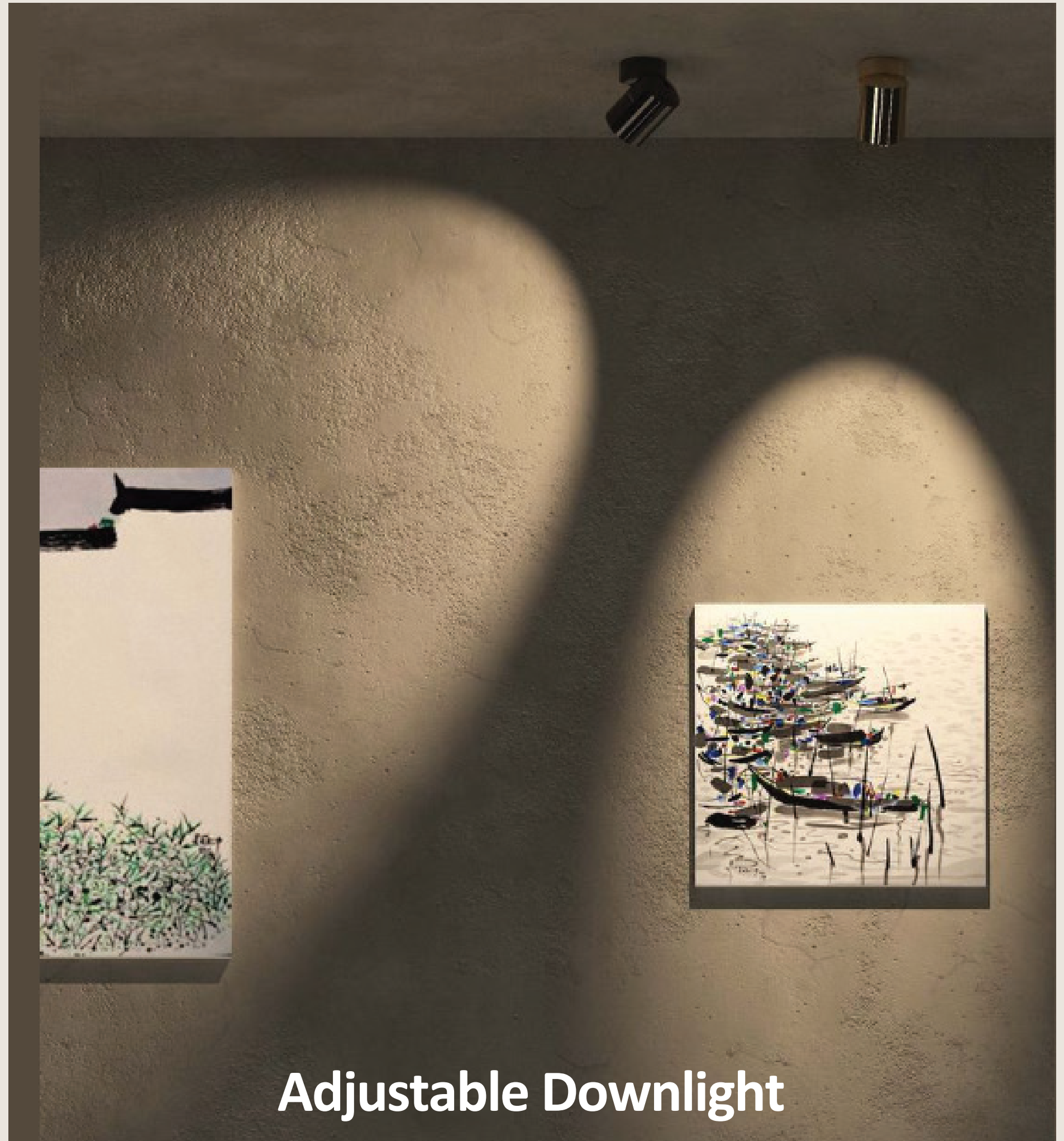
Size	Lamp Size (mm.)	Cut Size (mm.)
5W	: Φ51 x 70	Φ45
7W	: Φ62 x 70	Φ55
12W	: Φ72 x 70	Φ65
15W	: Φ82 x 70	Φ75





Model	: LL-RC-8041	
Product Type	: Recessed Downlight	
Light Source	: GU10 LED	
CCT	: 3000K / 4000K / 6500K	
Color	: White / Black	
CRI/RA	: >80	
Size	Lamp Size (mm.)	Cut Size (mm.)
7W	: Φ80 x H41	Φ70





1



Model : LL-SN-Y1/YW
Product Type : Adjustable Recessed Downlight
Light Source : COB LED
CCT : 3000K / 4000K / 6500K
Color : White / Black
CRI/RA : >90

Size	Lamp Size (mm.)	Cut Size (mm.)
7W	: Φ62 x 80	Φ55
10W	: Φ83 x 73	Φ75
12W	: Φ83 x 85	Φ75
18W	: Φ103 x 95	Φ95

2



Model : LL-RC-9242
Product Type : Adjustable Recessed Downlight
Light Source : GU10 LED
CCT : 3000K / 4000K / 6500K
Color : White / Black
CRI/RA : >80

Size	Lamp Size (mm.)	Cut Size (mm.)
7W	: Φ92 x H42	Φ85

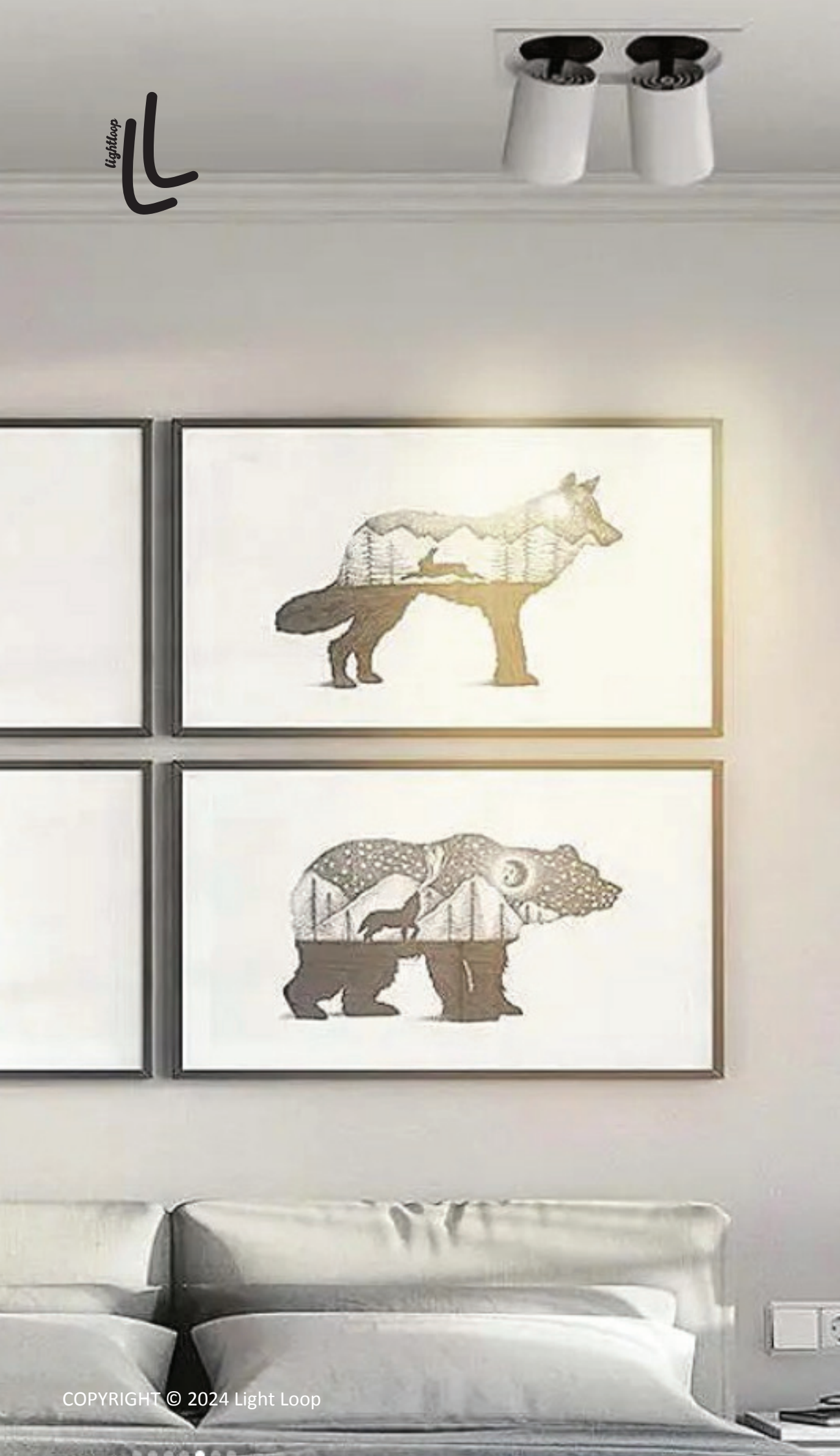
3



Model : LL-LS-10
Product Type : Adjustable Recessed Downlight
Light Source : COB LED
CCT : 3000K / 4000K / 6500K
Color : White / Black
CRI/RA : >90

Size	Lamp Size (mm.)	Cut Size (mm.)
12W	: Φ90	Φ75
18W	: Φ115	Φ95
25W	: Φ135	Φ120
35W	: Φ165	Φ145





4



Model	: LL-LSS-10
Product Type	: Adjustable Recessed Downlight
Light Source	: COB LED
CCT	: 3000K / 4000K / 6500K
Color	: White / Black
CRI/RA	: >90

Size	Lamp Size (mm.)	Cut Size (mm.)
12W	: Φ90 x 90	Φ75 x 75
12W x 2	: Φ95 x 160	Φ75 x 145
18W	: Φ115 x 115	Φ95 x 95
18W x 2	: Φ108 x 108	Φ95 x 165
25W	: Φ135 x 135	Φ120 x 120
25W x 2	: Φ135 x 255	Φ120 x 235
35W	: Φ160 x 160	Φ145 x 145
35W x 2	: Φ160 x 320	Φ145 x 275

5



Model	: LL-SN-SL/PAK
Product Type	: Adjustable Recessed Downlight
Light Source	: COB LED
CCT	: 3000K / 4000K / 6500K
Color	: White / Black
CRI/RA	: >90

Size	Lamp Size (mm.)	Cut Size (mm.)
12W	: Φ90	Φ75
18W	: Φ110	Φ95
30W	: Φ135	Φ120
36W	: Φ165	Φ145

6

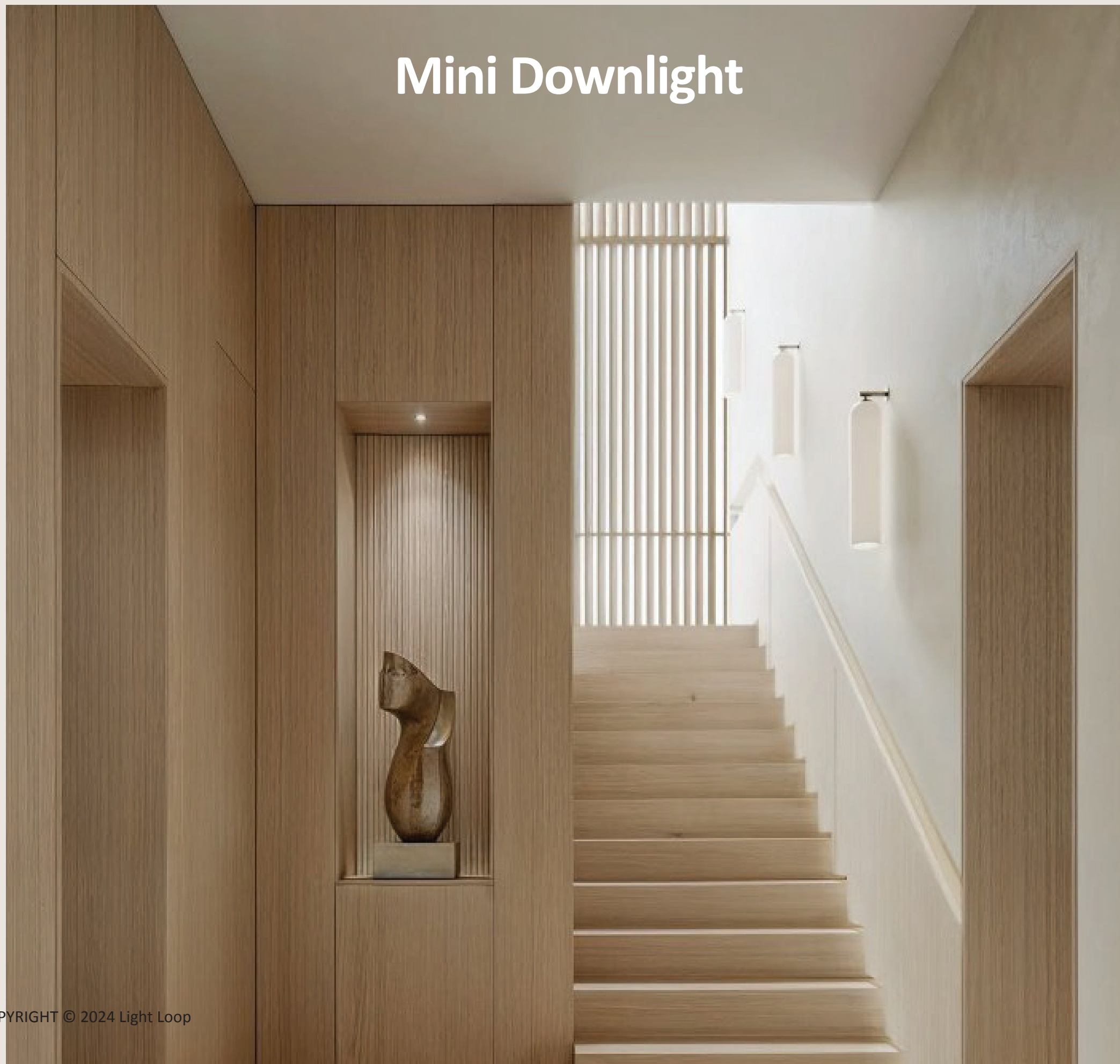


Model	: LL-SFAD-95125
Product Type	: Adjustable Recessed Downlight
Light Source	: GU10 LED
CCT	: 3000K / 4000K / 6500K
Color	: White / Black
CRI/RA	: >80

Size	Lamp Size (mm.)
7W	: Φ95 x H125

Adjustable Downlight

Mini Downlight



1



Model : LL-SN-HS20
Product Type : Mini Downlight
Light Source : COB LED
CCT : 3000K / 4000K / 6000K
Color : White / Black
CRI/RA : >90

Size	Lamp Size (mm.)	Cut Size (mm.)
1W	: Φ22	Φ18

2



Model : LL-DPMN114
Product Type : Mini Downlight
Light Source : COB LED
CCT : 3000K / 4000K / 6000K
Color : White / Black / Gold / Copper
CRI/RA : >90

Size	Lamp Size (mm.)	Cut Size (mm.)
3W	: Φ22	Φ18

3



Model : LL-SN-GMY
Product Type : Mini Downlight
Light Source : COB LED
CCT : 3000K / 4000K / 6000K
Color : White / Black
CRI/RA : >90

Size	Lamp Size (mm.)	Cut Size (mm.)
3W	: Φ35 x H44	Φ30
4W	: Φ45 x H50	Φ40
5W	: Φ55 x H60	Φ50
7W	: Φ65 x H70	Φ60



4



Model : LL-SN-JCHT1
Product Type : Mini Downlight
Light Source : COB LED
CCT : 2700K / 3000K / 4000K / 6000K
Color : White / Black
CRI/RA : >90

Size	Lamp Size (mm.)	Cut Size (mm.)
3W	: Φ34 x H40	Φ25-30
5W	: Φ42 x H53	Φ35
7W	: Φ52 x H50	Φ45
10W	: Φ62 x H55	Φ55

5



Model : LL-SN-MINI05
Product Type : Mini Downlight
Light Source : COB LED
CCT : 3000K / 4000K / 6000K
Color : Silver
CRI/RA : >90

Size	Lamp Size (mm.)	Cut Size (mm.)
1W	: Φ32	Φ25

6



Model : LL-SN-MINI01
Product Type : Mini Downlight
Light Source : COB LED
CCT : 3000K / 4000K / 6000K
Color : White / Black / Silver / Copper
CRI/RA : >90

Size	Lamp Size (mm.)	Cut Size (mm.)
3W	: Φ38	Φ30

Mini Downlight

7



Model : LL-SN-MINI03
Product Type : Mini Downlight
Light Source : COB LED
CCT : 3000K / 4000K / 6000K
Color : Silver
CRI/RA : >90

Size : 3W
Lamp Size (mm.) : Φ47
Cut Size (mm.) : Φ35

8



Model : LL-SN-DPMN103
Product Type : Mini Downlight
Light Source : COB LED
CCT : 3000K / 4000K / 6000K
Color : Silver
CRI/RA : >90

Size : 1W
Lamp Size (mm.) : Φ28 x H27
Cut Size (mm.) : Φ22

9



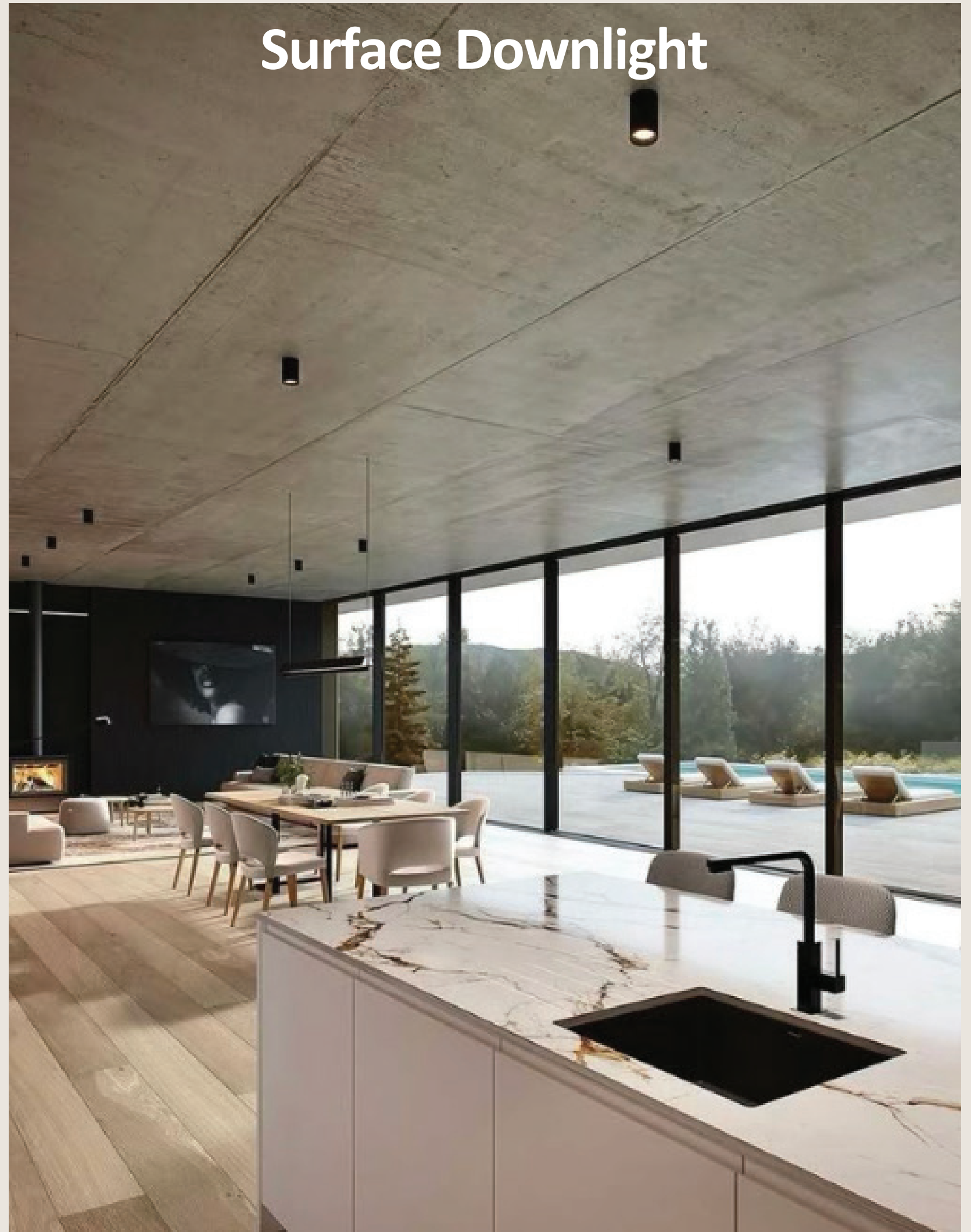
Model : LL-SN-JCJL
Product Type : Mini Downlight
Light Source : COB LED
CCT : 3000K / 4000K / 6000K
Color : White / Black
CRI/RA : >90

Size : 3W / 10W / 15W
Lamp Size (mm.) : Φ40 x H58 / Φ60 x H82 / Φ75 x H100
Cut Size (mm.) : Φ35 / Φ55 / Φ70





Surface Downlight



1



Model : LL-MZ-W
Product Type : Surface Downlight
Light Source : COB LED
CCT : 3000K / 4000K / 6500K
Color : White / Black
CRI/RA : >90

Size :
5W : $\Phi 50 \times H100$
12W : $\Phi 75 \times H130$
15W : $\Phi 95 \times H150$
20W : $\Phi 115 \times H160$
25W : $\Phi 140 \times H160$

Lamp Size (mm.)

2



Model : LL-SN-J/MZ05
Product Type : Surface Downlight
Light Source : COB LED
CCT : 3000K / 4000K / 6500K
Color : White / Black
CRI/RA : >90

Size :
7W : $\Phi 70 \times H45$
10W : $\Phi 90 \times H45$
15W : $\Phi 115 \times H55$
18W : $\Phi 135 \times H65$

Lamp Size (mm.)

3



Model : LL-SN-TY70
Product Type : Surface Downlight
Light Source : COB LED
CCT : 3000K / 4000K / 6500K
Color : White / Black
CRI/RA : >90

Size :
10W : $\Phi 70 \times 100$
18W : $\Phi 90 \times 110$
25W : $\Phi 110 \times 115$
30W : $\Phi 110 \times 150$

Lamp Size (mm.)





4



Model : LL-SN-ODZ02
Product Type : Surface Downlight
Light Source : COB LED
CCT : 3000K / 4000K / 6500K
Color : White / Black
CRI/RA : >90

Size : 12W
Lamp Size (mm.) : Φ60 x 150

5



Model : LL-SN-J/MZ03
Product Type : Surface Downlight
Light Source : COB LED
CCT : 3000K / 4000K / 6500K
Color : White / Black
CRI/RA : >90

Size : 3W
5W
7W
Lamp Size (mm.) : Φ30 x 75
Φ35 x 80
Φ45 x 95

Square Downlight



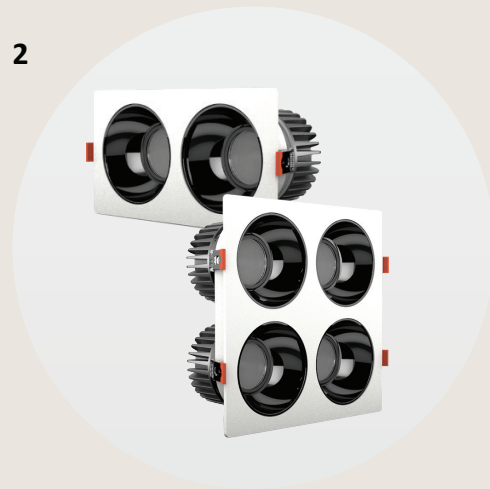
1



Model : LL-SN-GN
Product Type : Square Downlight
Light Source : COB LED
CCT : 3000K / 4000K / 6500K
Color : White / Black
CRI/RA : >90

Size	Lamp Size (mm.)	Cut Size (mm.)
5W	: 65 x 65 x H53	55 x 55
12W	: 85 x 85 x H62	75 x 75
18W	: 105 x 105 x H77	95 x 95
15W x 2	: 126 x 65 x H53	115 x 55
12W x 2	: 167 x 85 x H62	160 x 75
18W x 2	: 208 x 105 x H77	175 x 95

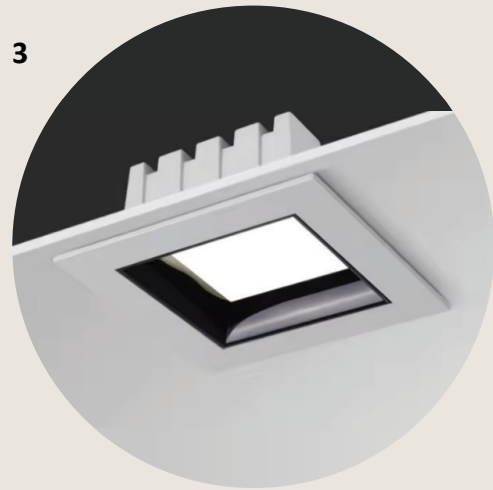
2



Model : LL-SN-JG75F
Product Type : Square Downlight
Light Source : COB LED
CCT : 3000K / 4000K / 6500K
Color : White / Black
CRI/RA : >90

Size	Lamp Size (mm.)	Cut Size (mm.)
7W x 2	: 168 x 88 x H65	160 x 75
9W x 2	: 168 x 88 x H70	160 x 75
12W x 2	: 168 x 88 x H78	160 x 75
15W x 2	: 168 x 88 x H95	160 x 75
7W x 3	: 247 x 88 x H65	240 x 75
9W x 3	: 247 x 88 x H70	240 x 75
12W x 3	: 247 x 88 x H78	240 x 75
15W x 3	: 247 x 88 x H95	240 x 75
7W x 4	: 168 x 168 x H65	160 x 160
9W x 4	: 168 x 168 x H70	160 x 160
12W x 4	: 168 x 168 x H78	160 x 160
15W x 4	: 168 x 168 x H95	160 x 160





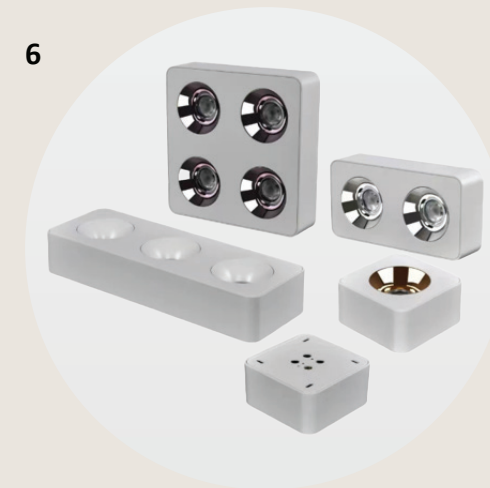
Model	: LL-SN-YM/SMF75	
Product Type	: Square Downlight	
Light Source	: COB LED	
CCT	: 3000K / 4000K / 6500K	
Color	: White / Black	
CRI/RA	: >90	
Size	Lamp Size (mm.)	Cut Size (mm.)
12W	: 87 x 87 x H60	75 x 75
12W x 2	: 157 x 87 x H60	145 x 75
12W x 3	: 230 x 87 x H60	215 x 75



Model	: LL-SN-DC55	
Product Type	: Square Downlight	
Light Source	: COB LED	
CCT	: 3000K / 4000K / 6500K	
Color	: White / Black	
CRI/RA	: >90	
Size	Lamp Size (mm.)	
5W	: $\Phi 55$ x 55 x H80	
5W x 2	: $\Phi 55$ x 105 x H80	
12W	: $\Phi 75$ x 75 x H95	
12W x 2	: $\Phi 75$ x 145 x H95	
18W	: $\Phi 95$ x 95 x H105	
18W x 2	: $\Phi 95$ x 185 x H105	

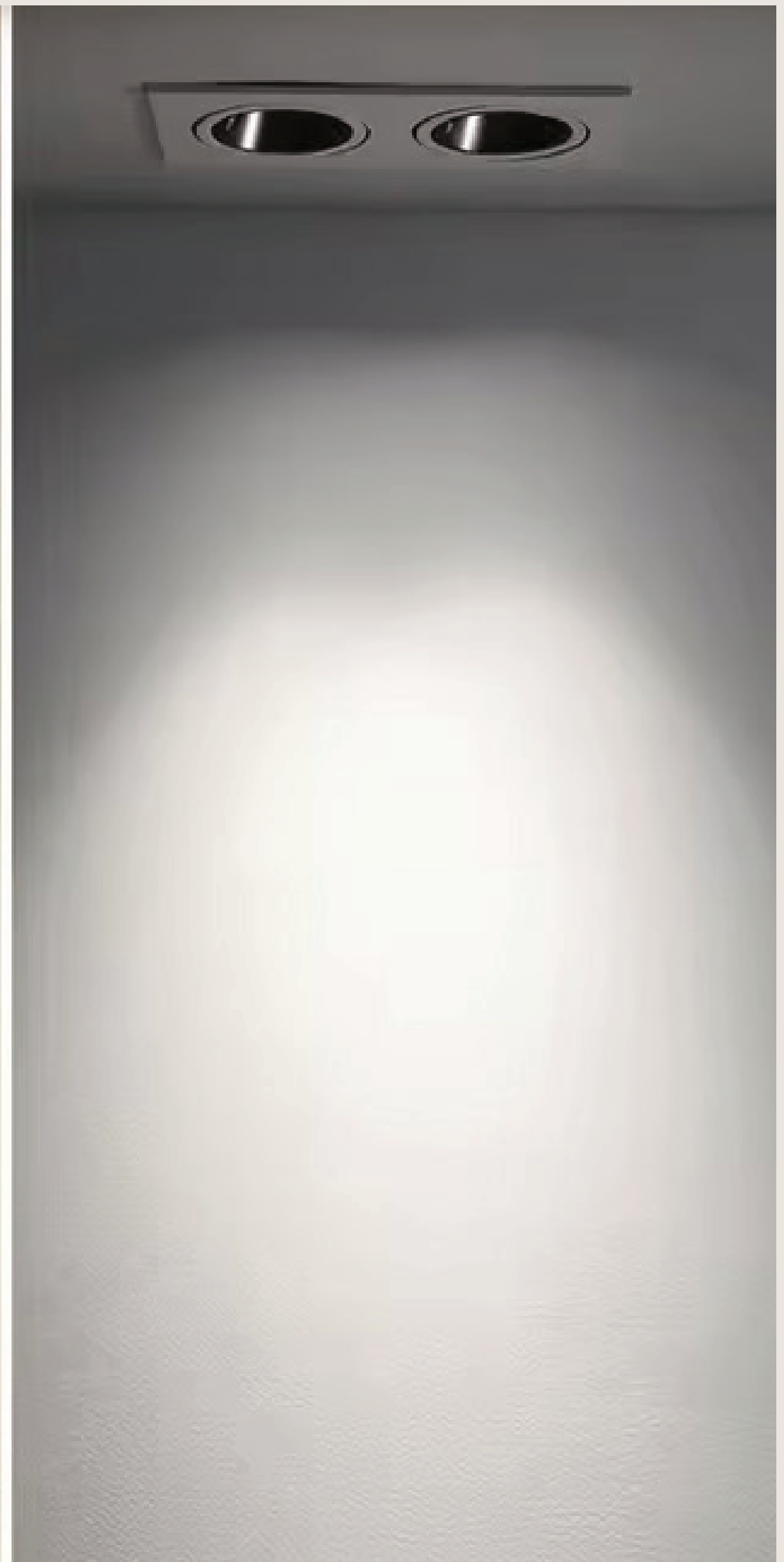
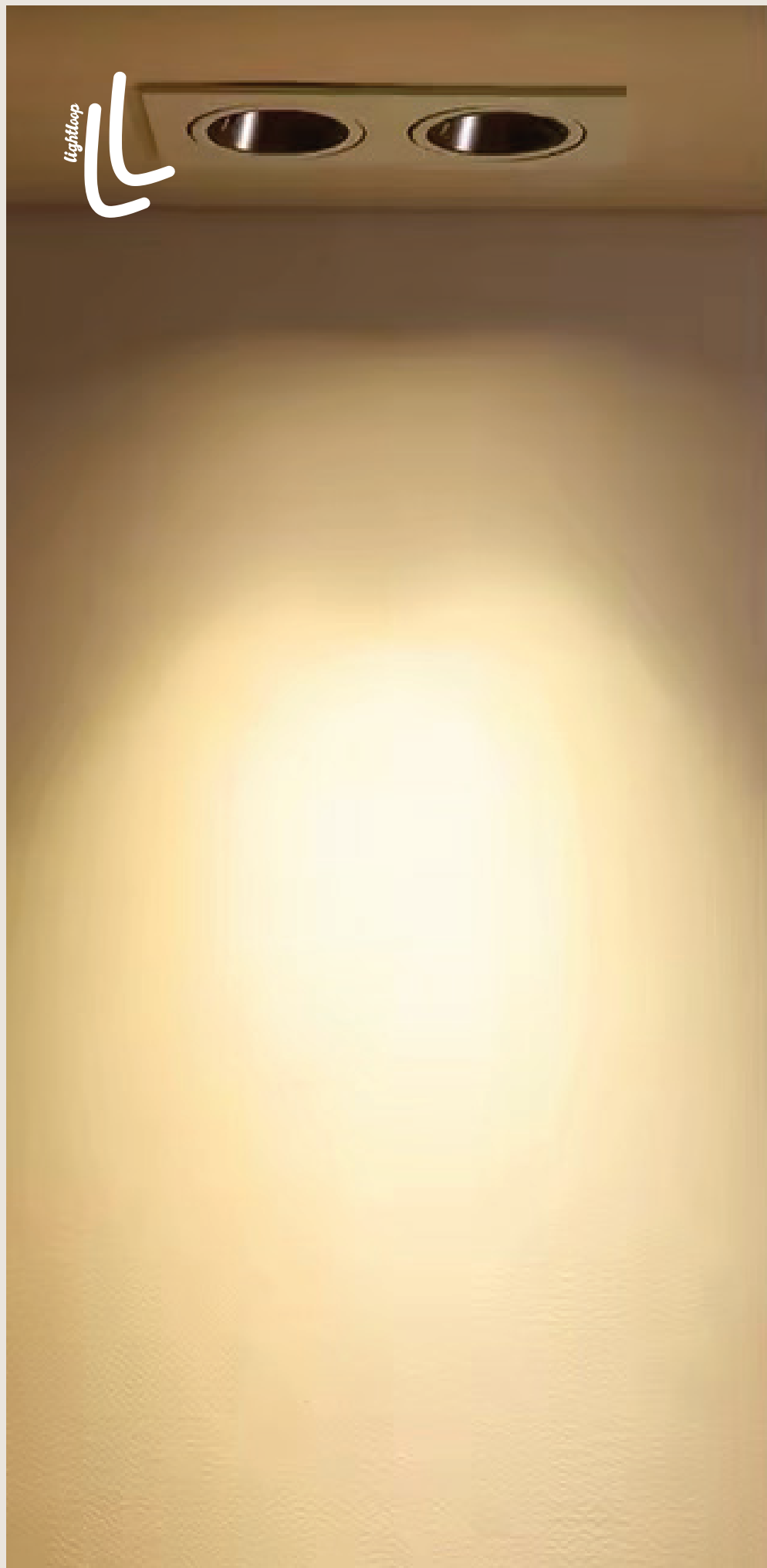


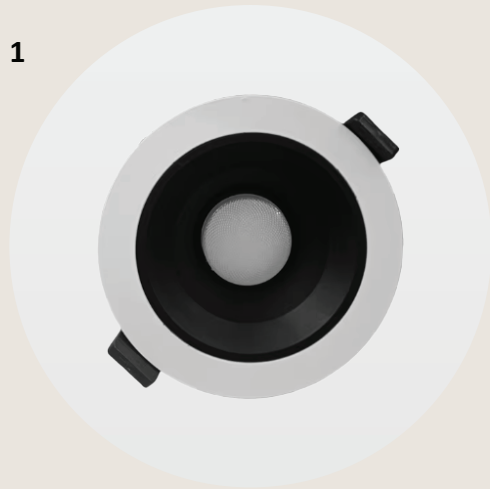
Model	: LL-SN-HYMZ	
Product Type	: Square Downlight	
Light Source	: COB LED	
CCT	: 3000K / 4000K / 6500K	
Color	: White / Black	
CRI/RA	: >90	
Size	Lamp Size (mm.)	
8W	: 94 x 94 x H90	
8W x 2	: 174 x 94 x H90	
8W x 3	: 256 x 94 x H90	
8W x 4	: 174 x 174 x H90	



Model	: LL-SN-KZ3MZ	
Product Type	: Square Downlight	
Light Source	: COB LED	
CCT	: 3000K / 4000K / 6500K	
Color	: White / Black	
CRI/RA	: >90	
Size	Lamp Size (mm.)	
12W	: 115 x 115 x H55	
12W x 2	: 225 x 115 x H56	
12W x 3	: 335 x 115 x H57	
12W x 4	: 225 x 225 x H58	

Square Downlight





Model : LL-SN-SW/PG75
Product Type : 3 Colors Recessed Downlight
Light Source : COB LED
CCT : 3000K / 4000K / 6500K
Color : White / Black
CRI/RA : >90

Size : 6W
Lamp Size (mm.) : Φ92 x H35
Cut Size (mm.) : Φ75-80



Model : LL-COB-3COLORS
Product Type : 3 Colors Recessed Downlight
Light Source : COB LED
CCT : 3000K / 4000K / 6500K
Color : White / Black
CRI/RA : >90

Size : 9W
Lamp Size (mm.) : Φ85 x H55
Cut Size (mm.) : Φ75



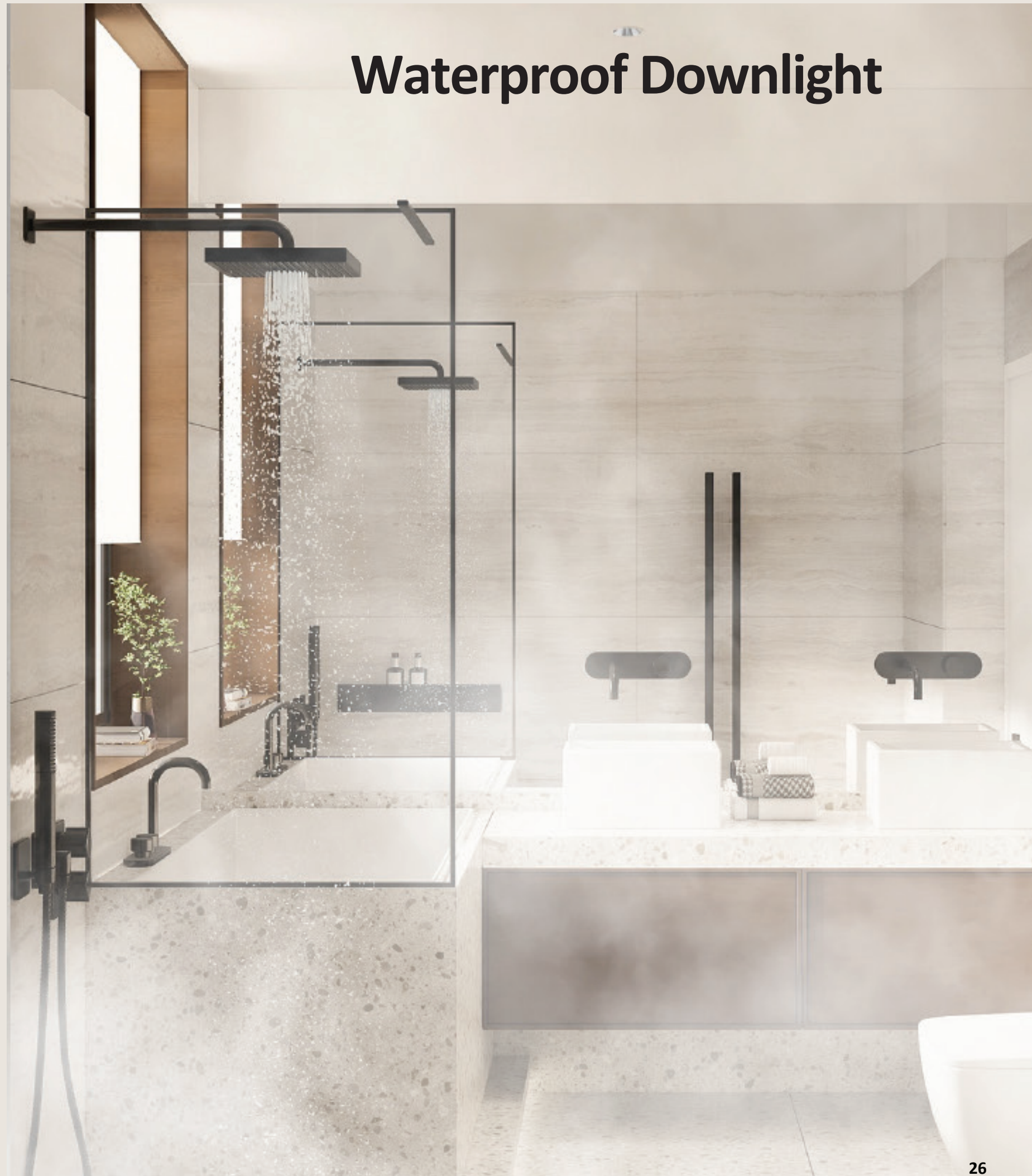
Model : LL-SN-SW/PG75
Product Type : 3 Colors Recessed Downlight
Light Source : COB LED
CCT : 3000K / 4000K / 6500K
Color : White / Black
CRI/RA : >90

Size : 5W
Lamp Size (mm.) : Φ90 x H45
Cut Size (mm.) : Φ75-80

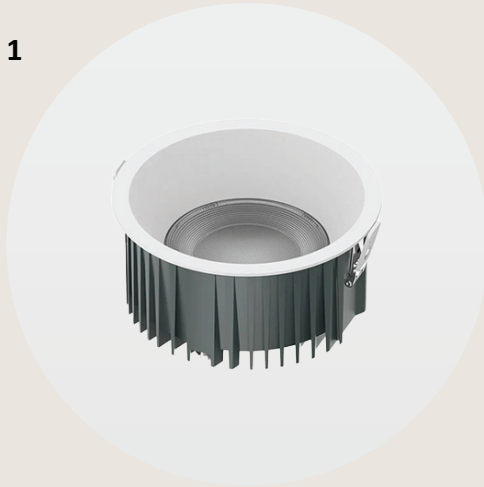




Waterproof Downlight



1



Model : LL-SN-Y1/XW2
Product Type : Waterproof Downlight
Light Source : COB LED
CCT : 3000K / 4000K / 6000K
Color : White / Black
CRI/RA : >90
IP : 65

Size	Lamp Size (mm.)	Cut Size (mm.)
15W	: Φ83 x H65	Φ75
25W	: Φ103 x H75	Φ95
30W	: Φ132 x H80	Φ120
35W	: Φ160 x H85	Φ145
45W	: Φ180 x H90	Φ165

2



Model : LL-SN-Y1/YW8
Product Type : Waterproof Downlight
Light Source : COB LED
CCT : 3000K / 4000K / 6000K
Color : White / Black
CRI/RA : >90
IP : 65

Size	Lamp Size (mm.)	Cut Size (mm.)
7W	: Φ62 x H60	Φ55
12W	: Φ83 x H65	Φ75
15W	: Φ105 x H70	Φ95

3



Model : LL-SN-HY/WL
Product Type : Waterproof Downlight
Light Source : COB LED
CCT : 3000K / 4000K / 6000K
Color : White / Black
CRI/RA : >90
IP : 65

Size	Lamp Size (mm.)	Cut Size (mm.)
12W	: Φ86 x H80	Φ75
18W	: Φ108 x H80	Φ95
25W	: Φ140 x H90	Φ125
30W	: Φ160 x H100	Φ145
36W	: Φ180 x H110	Φ165
45W	: Φ220 x H125	Φ200





4



Model : LL-SN-D1/QS
Product Type : Adjustable Waterproof Downlight
Light Source : COB LED
CCT : 3000K / 4000K / 6000K
Color : White / Black
CRI/RA : >90
IP : 65

Size : 10W
Lamp Size (mm.) : Φ83 x 90
Cut Size (mm.) : Φ75

5



Model : LL-IP65-YZ
Product Type : Waterproof Downlight
Light Source : COB LED
CCT : 3000K / 4000K / 6000K
Color : White / Black
CRI/RA : >90
IP : 65

Size : 15W, 20W, 30W, 40W, 50W, 80W
Lamp Size (mm.) : Φ75 x H152, Φ95 x H152, Φ115 x H152, Φ140 x H160, Φ170 x H180, Φ205 x H215

6



Model : LL-SN-Y1/XFS
Product Type : Waterproof Downlight
Light Source : COB LED
CCT : 3000K / 4000K / 6000K
Color : White / Black
CRI/RA : >90
IP : 65

Size : 7W, 15W, 18W, 25W, 30W, 36W
Lamp Size (mm.) : Φ75 x H85, Φ80 x H90, Φ100 x H100, Φ130 x H130, Φ150 x H140, Φ170 x H180

our "CLIENTS"

We are trusted by a variety of leading businesses, including industrial plants, hotels, retail outlets, and major real estate developments.

Our projects reflect our ability to tailor lighting solutions to meet diverse client.

our "TEAM"

Our expert team brings extensive experience in lighting procurement and installation.

We are dedicated to delivering the best solutions to meet the specific needs of every client.

Contact Us

Light Loop

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Samut Prakan Province 10290

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