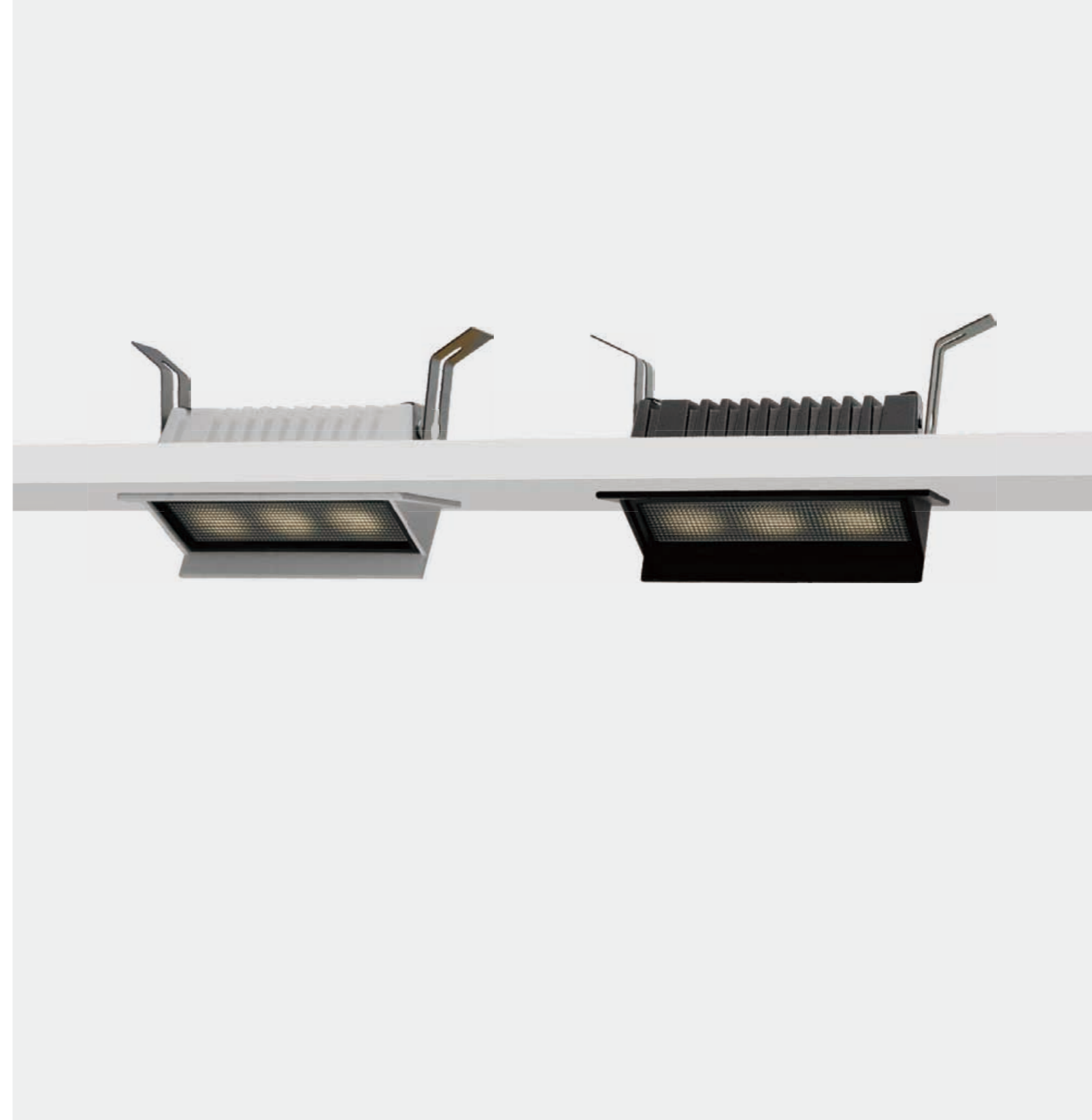


Museum Quality Light.



Art. No. 039511.906

Project: Shenzhen Nanshan Museum  
Location: No. 2093 Nanshan Avenue, Shenzhen  
Project Year: 2018  
Lighting Equipment: Tracron M5, Tracron M3



## Sprite X4

Museum cabinet wallwasher.

Specifications and  
lighting distribution  
data

[akzu.com](http://akzu.com)

**AKZU**



Visit [akzu.com](http://akzu.com) for the latest product information.  
For detailed product specifications and museum lighting design,  
please send your kind inquiry to [info@akzu.com](mailto:info@akzu.com)

Collimated Light Technology  
Triod optical system  
Higher lighting efficiency, more lighting effects.

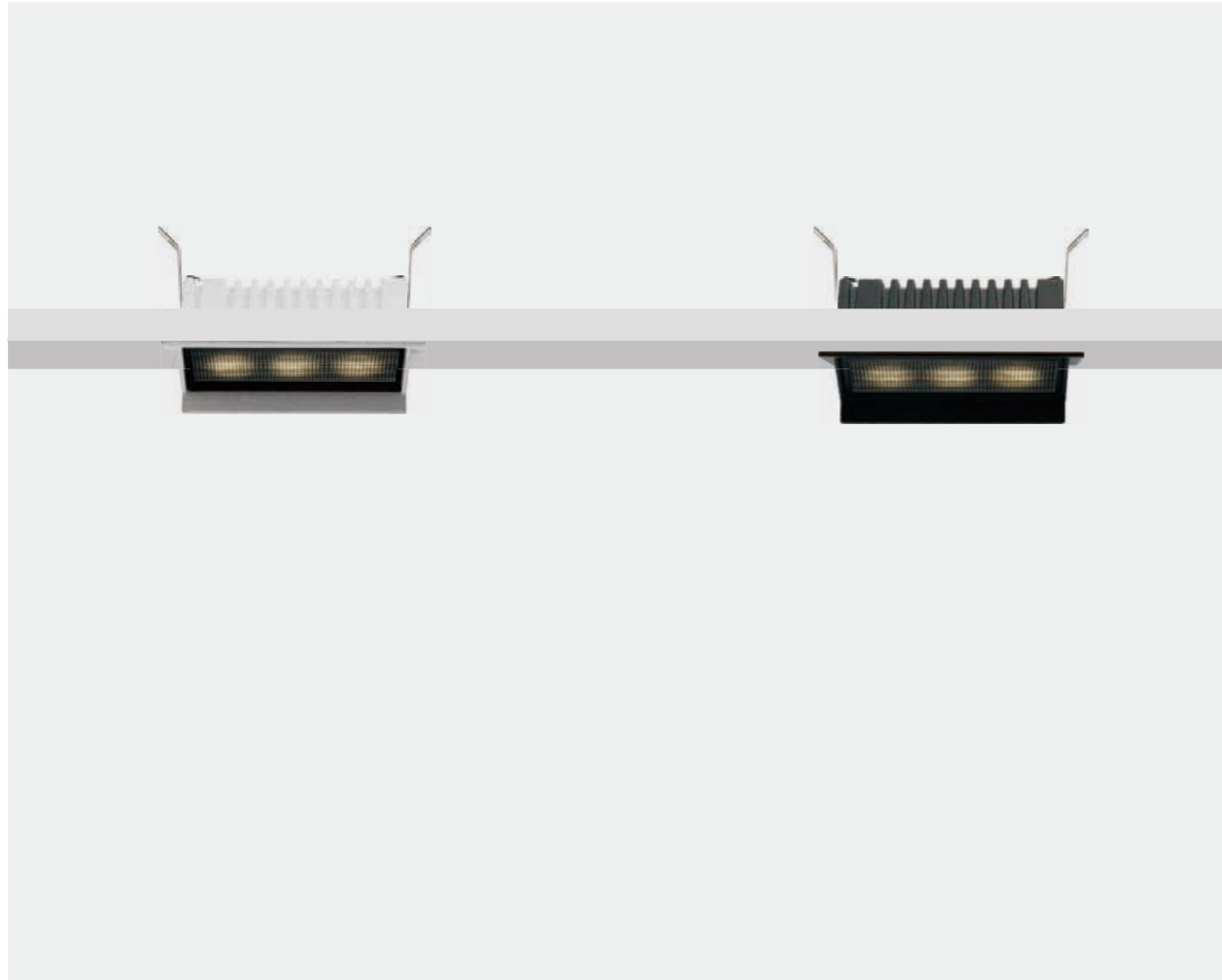




Sprite X4, Museum cabinet wallwasher.  
Minimalist pure encountering with precision optics, makes unique museum cabinet wallwash lighting simple.



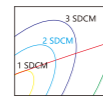
## Sprite X4 Museum Cabinet Wallwasher



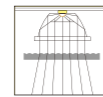
AKZU Sprite X4 recessed cabinet wallwasher is specially designed for museum high cabinet, open cabinet (painting cabinet) wall washing lighting. Its unique wedge structure and 50° depth anti-glare design make the whole exhibition cabinet space extremely simple. At the same time, it makes the implementation of museum wall washing lighting system simpler and more guaranteed by its own 30° inclination angle and simple ratio of 0.8 lamp spacing/wall spacing. Sprite X4 makes the facade of exhibition cabinet wall uniform, transparent and shining, no matter it is plane painting or painting exhibits or background instructions, are clearly and comfortably presented. Advanced intelligent dimming function can realize the gradual increase of illumination when the audience moves to the front of the exhibition cabinet, while when there is no audience, it can be lowered to a low illumination state, which saves energy and protects cultural relics. AKZU Sprite X4 recessed cabinet wallwasher is the professional choice of museum exhibition cabinet background lighting and painting cabinet wall washing lighting.



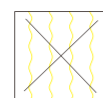
High CRI



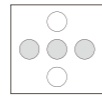
2 step MacAdam



Triod optical system



No Flicker



Group dimming

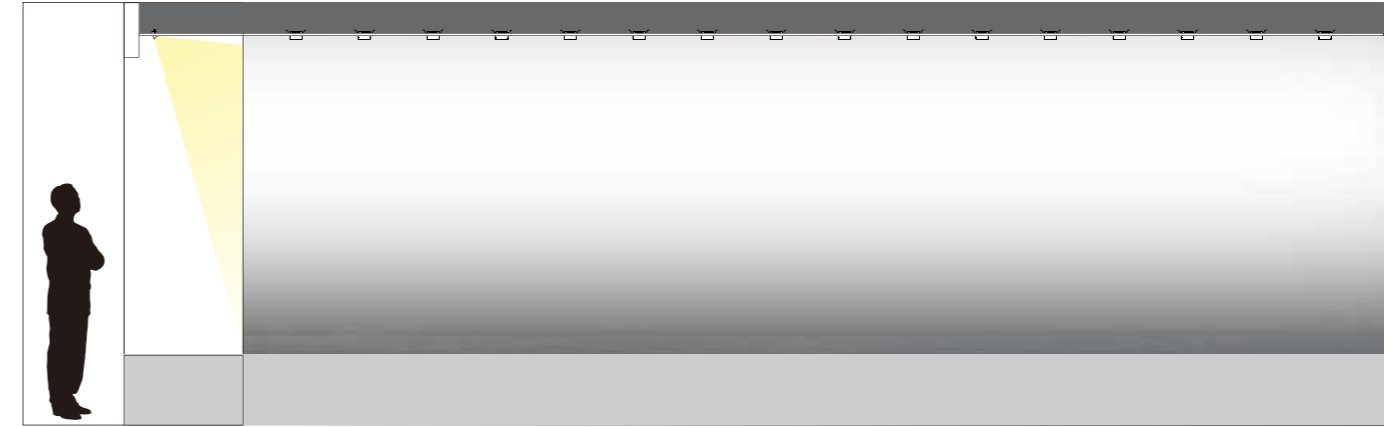


DALI

Wattage: 6W  
 Beam angle: Wallwash  
 Color temperature: 3000K, 4000K  
 Luminous flux: 570lm-650lm  
 Installation method: recessed mounting  
 Color: white, black  
 Housing: cast aluminium, powder-coated.  
 Control mode: Group dimming.  
 Brightness control range: 0-100%.  
 Replaceable LED module: high-power LEDs on metal-core PCB, SDCM with 2 step MacAdam collimating DAO lens, LED life span over 50000 hours.

You can also choose the following products customization:  
 Color temperature: 2700K, 3500K, 4500K, etc.  
 Color: Customized color (Pantone color number)  
 Control mode: Phase-cut dimming, Bluetooth dimming

## Sprite X4 Museum Cabinet Wallwasher

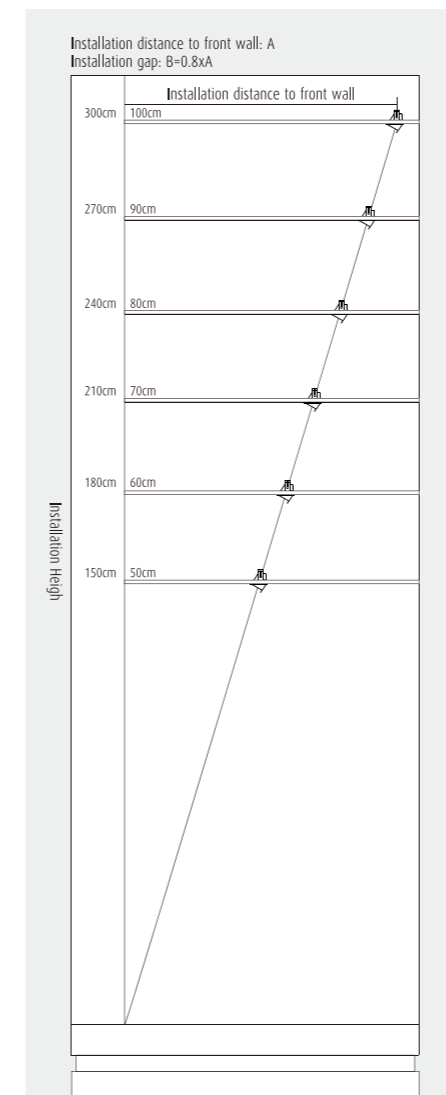


**Fixed 30° projection angle, simple and effective.**

Sprite X4 recessed cabinet wallwasher is specially designed for museum exhibition cabinets. As long as the installation is

planned in advance and the location is reasonable, the illumination can be parallel and coherent, and the wall-washing effect can be uniform. Rectangular light outlet, unique optical design solve

the problem of splicing discontinuity on the left and right directions, bring out satisfactory wallwashing effect and save great effort.



**50cm short installation distance.**

Sprite X4 supports the wall-washing distance of 50cm minimum. The lamp spacing is 0.8 times the distance between lamps and walls. The layout of the wall-washing lighting

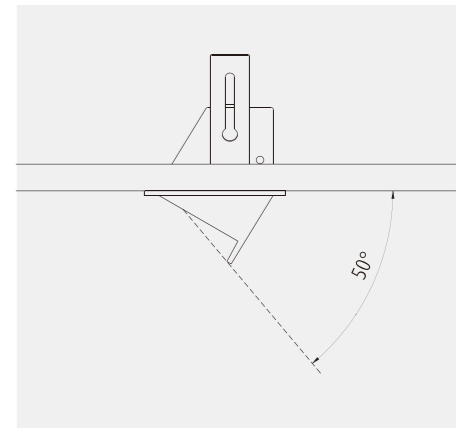
arrangement for exhibition cabinets becomes very simple. When the lamp is installed 60cm away from the wall, e.g., the lamp spacing is 60cm x 0.8=48cm, and the exhibition cabinet will achieve the ideal wall washing effect.



**Bright cabinet achieves overnight**

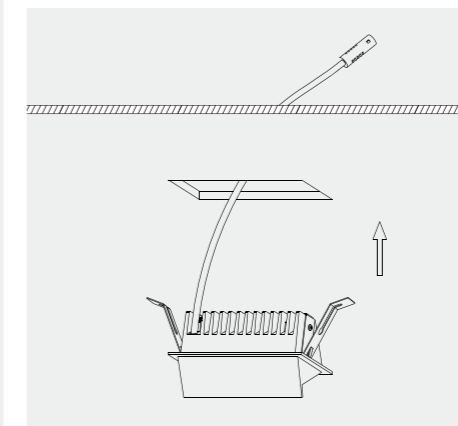
Sprite X4 is designed basing on study on a large number of open cabinet space and lighting needs, using a unique three-polarization optics, combined with

integrated optical structure. After a simple calculation, lighting designer can determine the number and location of installation, clear and bright museum open cabinets without glare immediately present.



**50° shading, comprehensive non-glare design.** Scientific setting of the initial physical inclination, strict control of the scope of light exposure, while adding 5mm back eaves, the shading angle of X4 to

the viewer direction is close to 50°, completely eliminating the glare.



**Easy and convenient recessed installation, fitting 1mm to 20mm cabinet ceiling.**

After many tests, the thickness and material of the elastic structure are finally determined. The

appropriate structure and size, make the installation so easy, even one hand can manage it. The projection structure design of the elastic structure bending ensures that the lamp can be firmly mounted on 1mm plate.


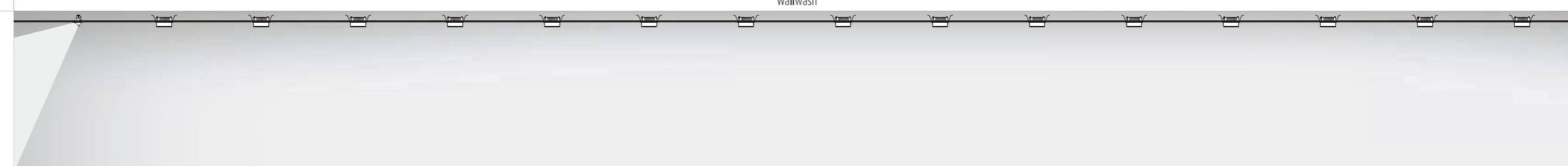
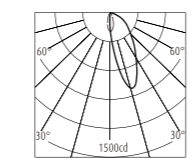
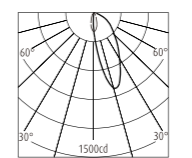
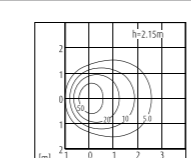
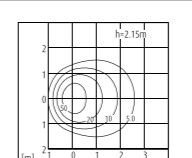
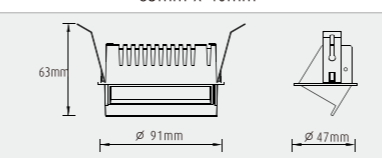


**Wedge recessed integrated design, good heat dissipation.**

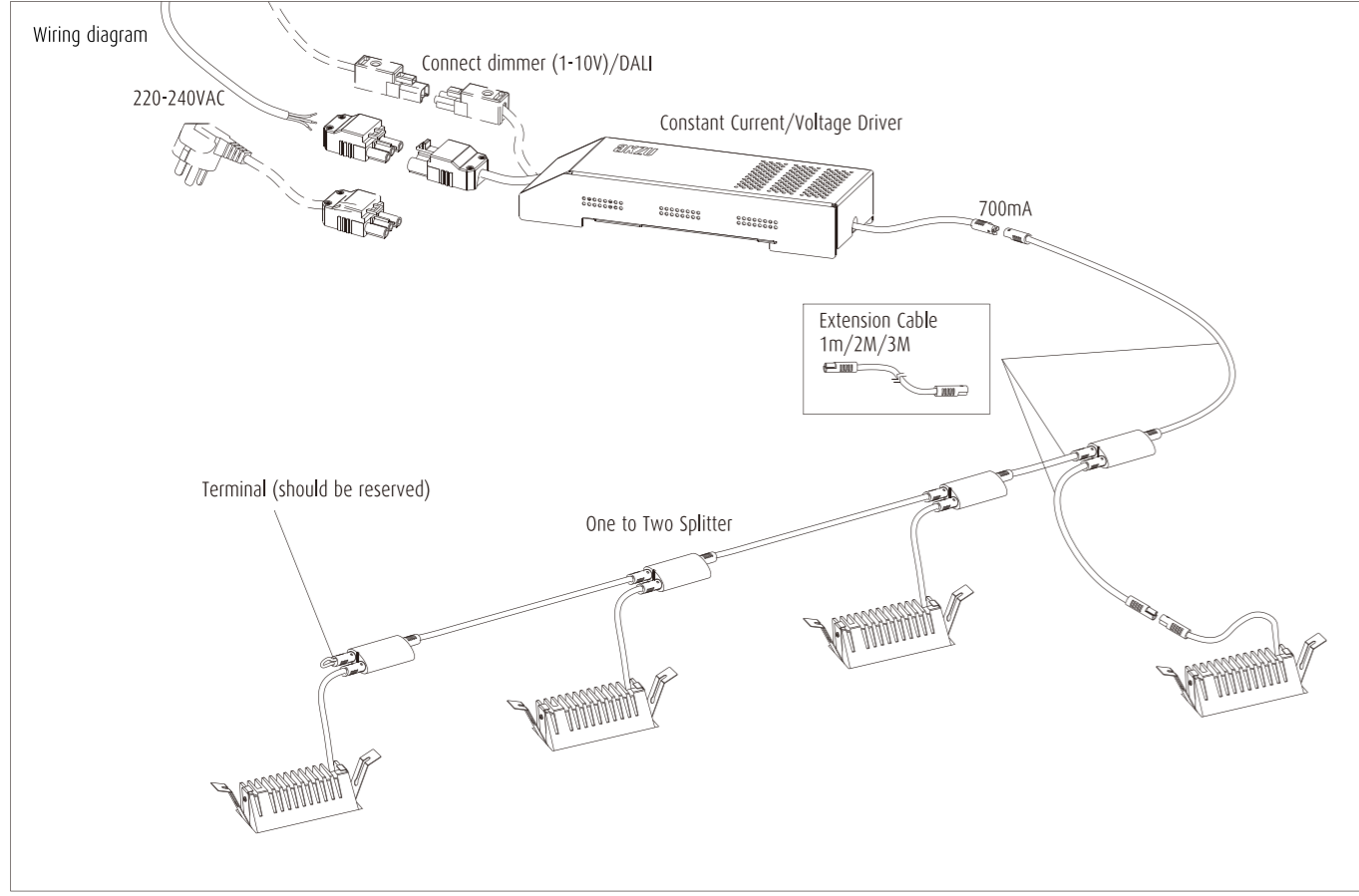
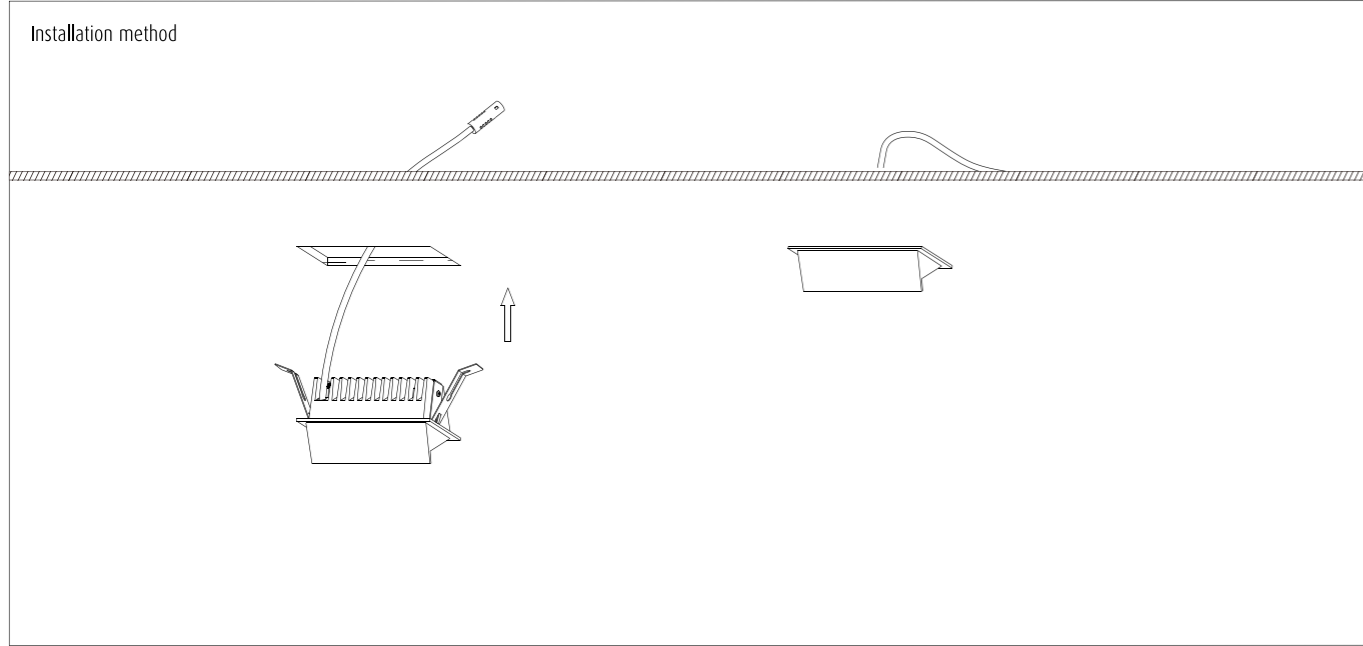
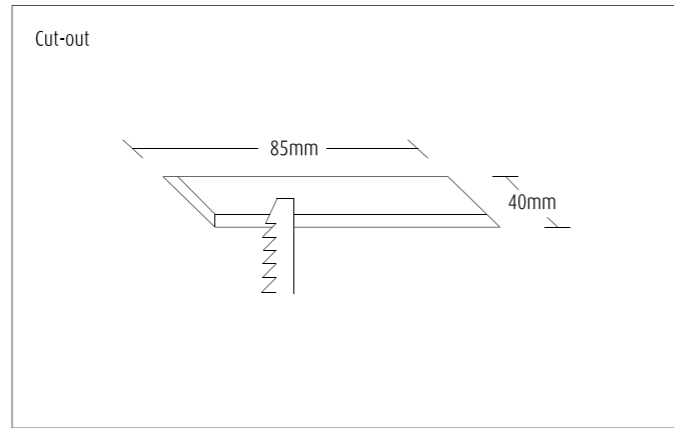
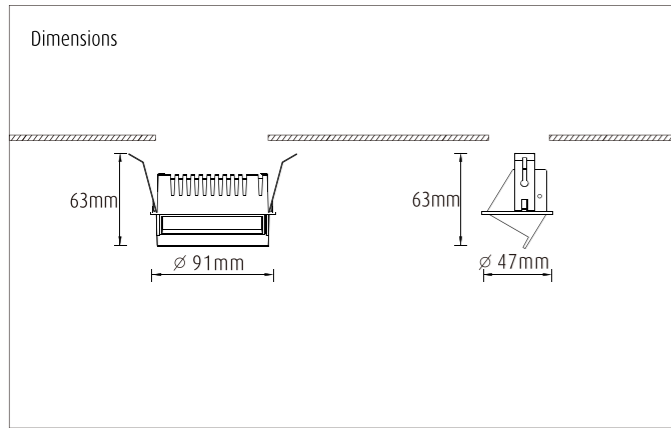
Precise wedge structure design, unique parting mode, optical and heat dissipation lamp body casting, greatly increasing

the heat dissipation surface in limited volume, effectively reducing the temperature inside the cabinet, helping to maintain the constant temperature and humidity micro-environment inside the cabinets.

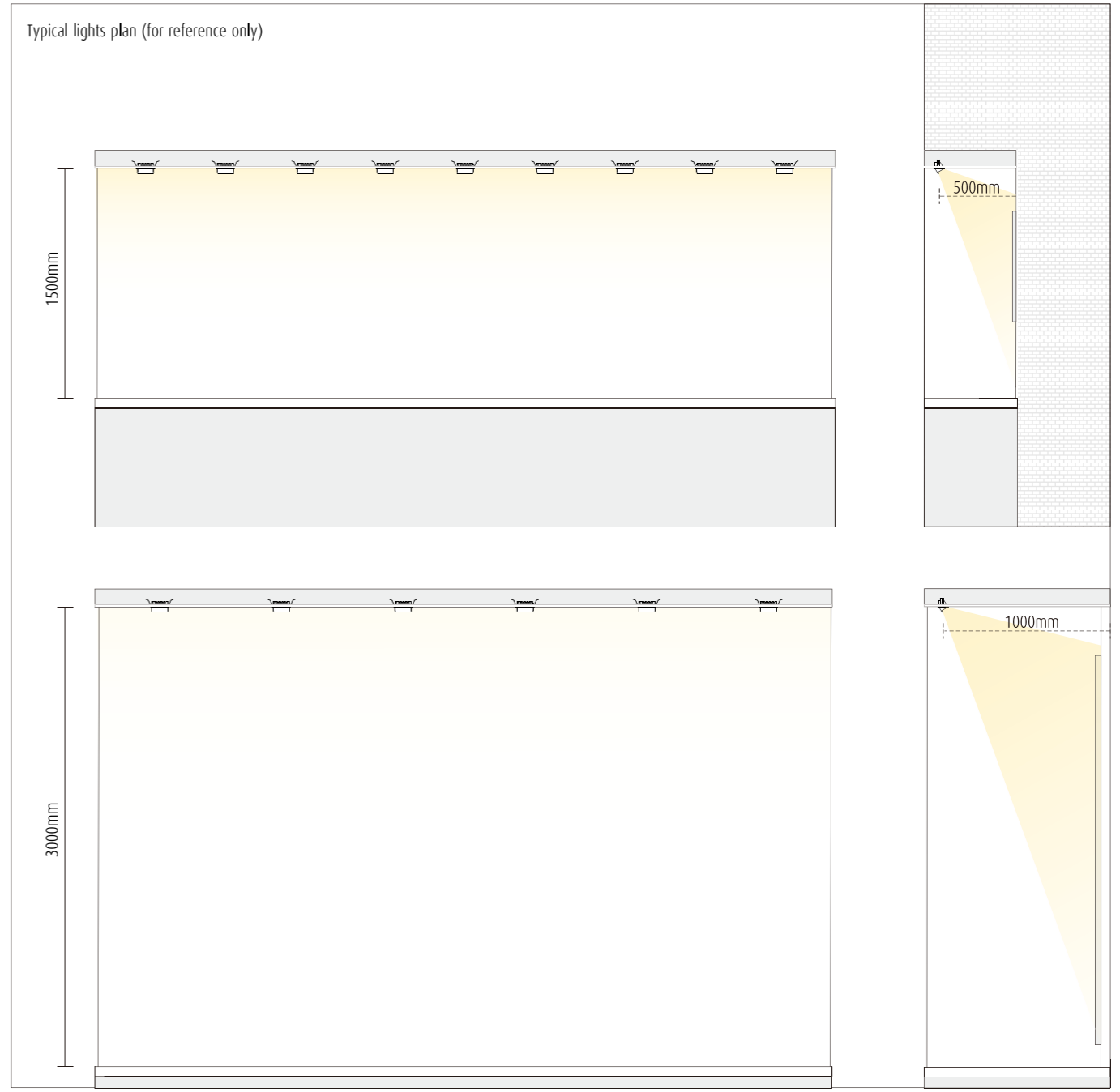
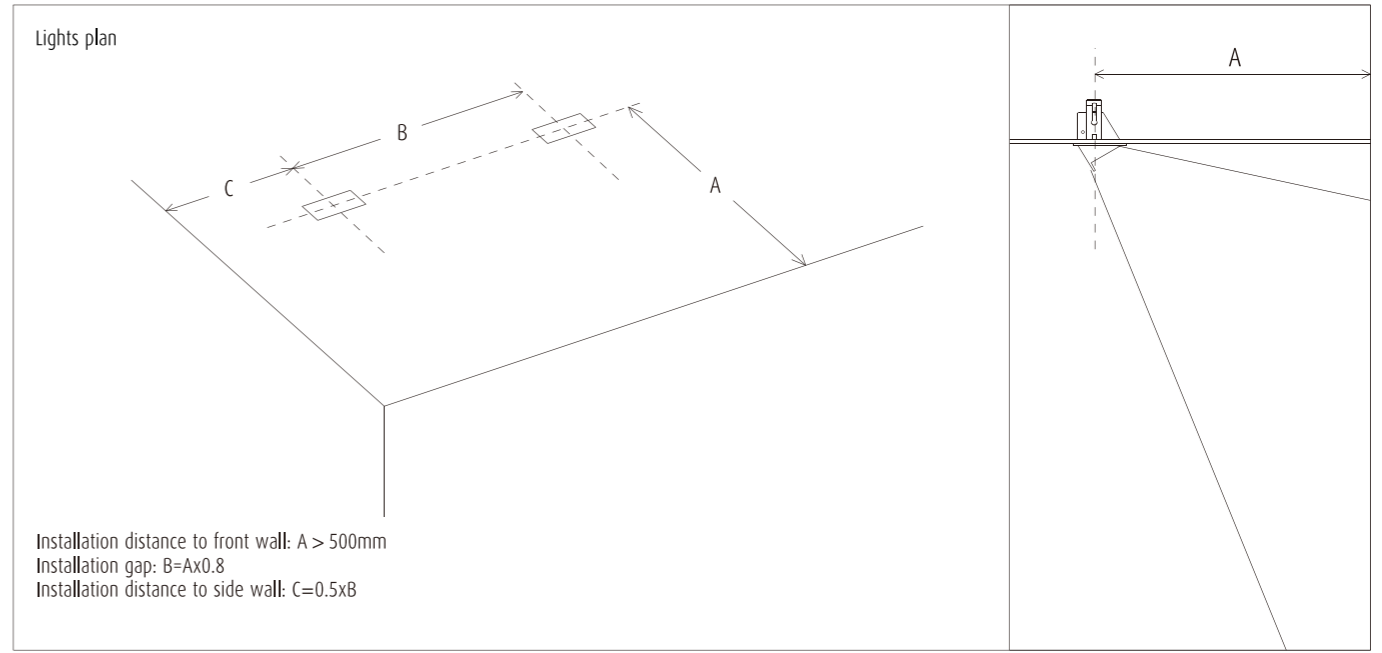
Sprite X4 Specifications and lighting distribution data

Cabinet wall-wash lighting		
Wattage	6W	
Light type	Wallwash	
Beam angle	Wallwash	
Light type chart		
Color temperature <sup>1</sup>	3000K	4000K
CRI(Ra/R9)	95/90	95/80
Luminous flux <sup>2</sup>	570lm	650lm
Lighting distribution data <sup>3</sup>		
		
Control mode <sup>4</sup>		
Group dimming	✓	✓
Installation method		
Recessed mounting		✓
Insulation class	Class III	
Protection degree	IP20	
Voltage	9VDC	
Ceiling thickness	1-25mm	
Recessed mounting cut-out	85mm x 40mm	
Dimension		
Weight	0.15kg	
Carton size	139mm x 92mm x 87mm	
Article code <sup>5</sup>		
White	814001	814051
Black	814002	814052
Note	<p>1. Besides the standard 3000K, 4000K, other specification is also optional, like 2700K, 3500K, etc.</p> <p>2. The listed luminous flux data is standard specification, higher light effect product can be customized upon request.</p> <p>3. All data, images, and specifications are typical and for reference only, and may be changed due to product improvement without prior notice.</p> <p>4. Control mode can be customized as phase-cut dimming and bluetooth dimming.</p> <p>5. For more information, please call 400-687-2598 or visit us at <a href="http://www.akzu.com">www.akzu.com</a>.</p>	

# Sprite X4 Museum Cabinet Wallwasher



# Sprite X4 Museum Cabinet Wallwasher







## Sprite X4 Museum Cabinet Wallwasher





### Sprite X4 museum cabinet wallwasher accessories

Color temperature

	2700K CRI 95		3500K CRI 95		4500K		Others
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Higher lighting efficiency

	3000K		4000K
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Control mode

	Phase-cut dimming		Bluetooth dimming
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Installation method

	Surface mounting
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For more product information, please visit us at [akzu.com](http://akzu.com).