

Complete product series certification by DCI



CiNE LEDMAX

Cine LEDMAX

Sound Transparent LED Cinema Screens

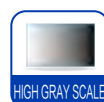
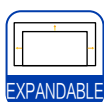


5m 2K / 7m 2K / 8m 2K / 10m 2K
10m 4K / 14m 4K / 16m 4K / 20m 4K



Cine LEDMAX Cinema Screen

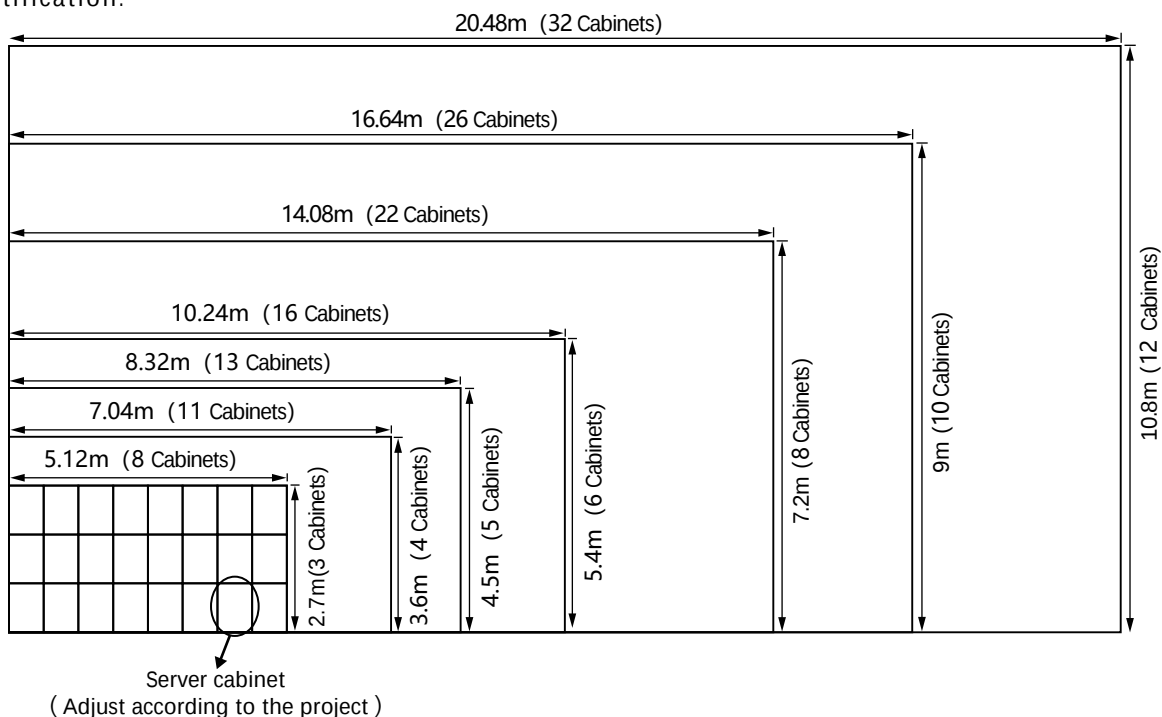
- Fully acoustically transparent LED cinema screen, as thin as 1.8mm, with a maximum aperture ratio of up to 28%;
- Certified by DCI Cinema Standard, support lossless playback, compatible with MXF, DCP and other formats of film 2K, 4K projection;
- Support 12bit standard cinema sources, high fidelity restoration of commercial film color requirements;
- Using 5G high-speed signal transmission with low latency and simple wiring;
- Adopting custom DCI color space dedicated LEDs to provide high-order grayscale performance at ultra-low brightness;
- With HDMI video input, the screen can be used as a common display to play PPT, advertising, etc., improving the disadvantages of a single mode of playback;
- Equipped with an information security system that enables round-the-clock security monitoring even in the event of a power failure;
- Support Theater Management System(TMS);
- Support Active 3D.



01

Full range of product certifications

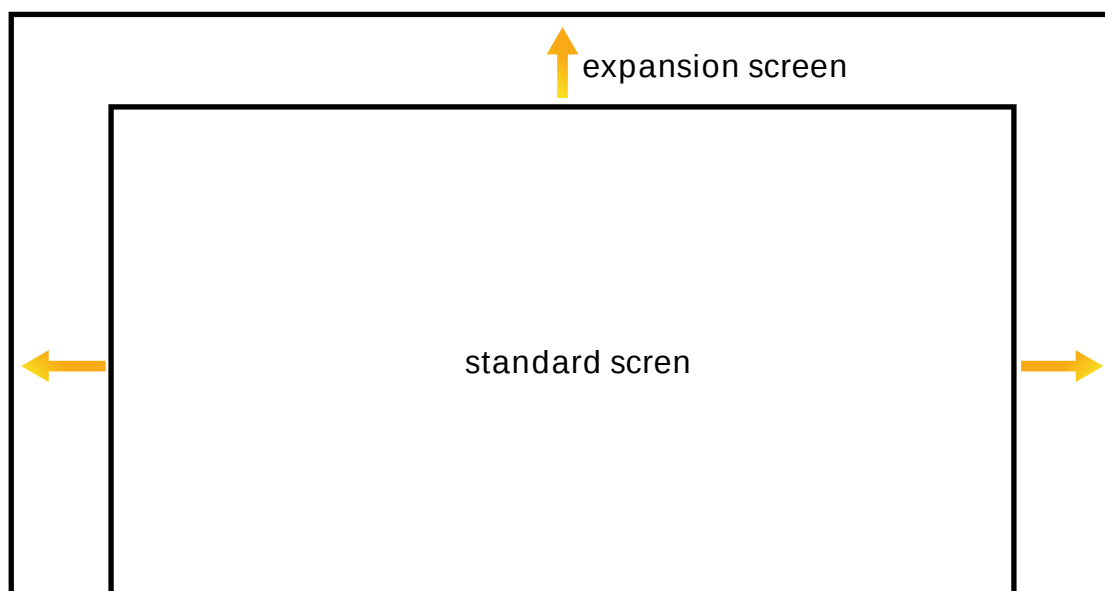
LEDMAX Cinema Screen all products from 2K to 4K, and from opaque to fully transparent, have all passed DCI certification.



02

Expandable

Cinema theaters vary in size and require different screen sizes. LEDMAX can be expanded from the standard screen size, and its flexible size scaling capability allows theaters to maximize the use of space and present movie images at the right size.



*expansion: To meet the normal function of the product as a standard.

03

Sophisticated Construction

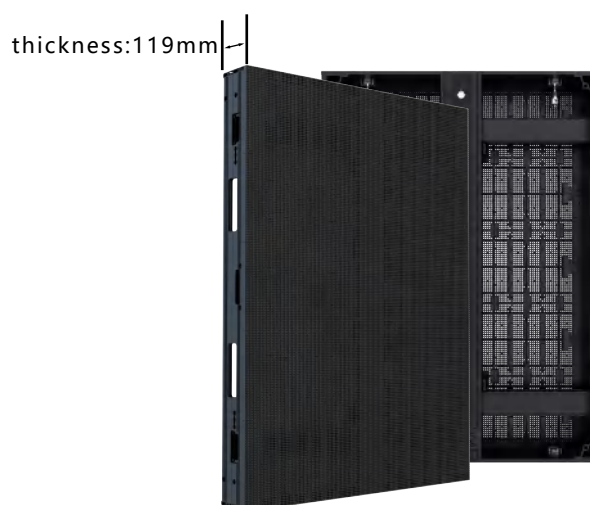
LEDMAX Cinema Screen is divided into opaque and fully transparent two kinds of cabinets.

Opaque cabinet is made of high-quality aluminum alloy overall die-casting molding, beautiful appearance, high strength, good radiator.

Fully transparent cabinet is made of aluminum alloy die-casting cabinet, which is more light-weight and easy to install.



Opaque Cabinet

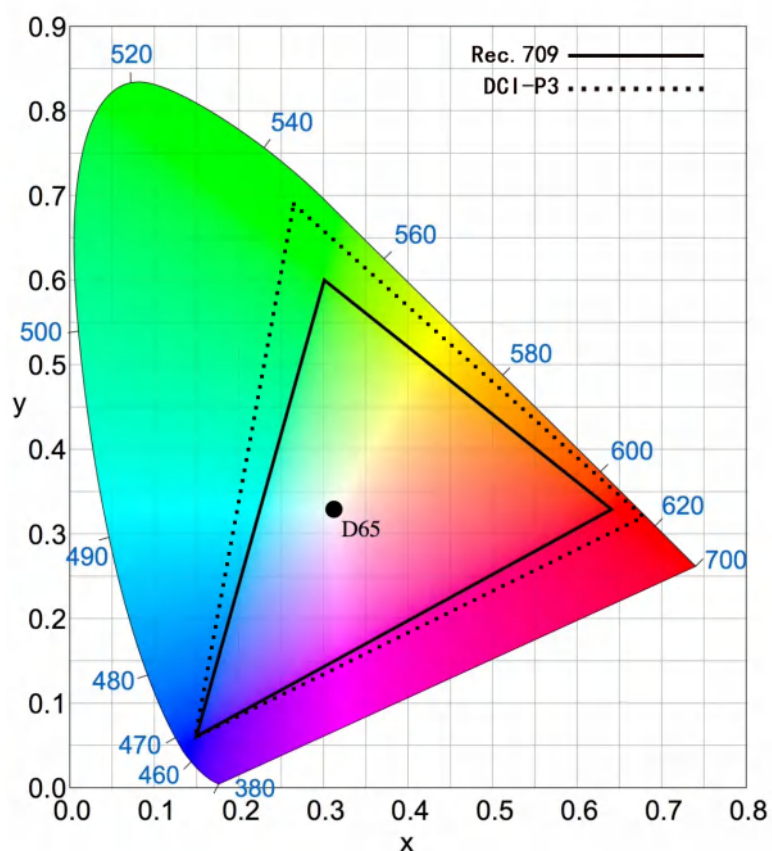


Fully transparent cabinet

04

DCI-P3 Color Space

The color space commonly used in the commercial display screen industry is REC.709 color space, LEDMAX cinema screen adopts DCI-P3 color space, covering the entire color space of movie scenes, which is 135% of REC.709 color standard range. It can accurately restore the picture color, show more picture details, and more realistic response to the movie picture effect.



05

Showcase True, Realistic Blacks Through Ultra Contrast

The ultra-high contrast ratio of LEDMAX cinema screen improves perceived resolution and presents screen content in precise, true black. The infinite contrast further maintains a true, low-tone grayscale effect and avoids the distorted tones commonly found in standard movie theaters.



Digital Movie Projector



LEDMAX Cinema Screen

06

Provides Excellent HDR Content

By bringing High Dynamic Range (HDR) picture refinement to cinema theaters, LEDMAX cinema screens boost content to brightness levels up to 6 level brighter than traditional theater standards. This improvement produces more clearly, more detailed picture.



Digital Movie Projector



LEDMAX Cinema Screen

07

New 3D Experience

With dedicated 3D glasses, it effectively reduces flickering and provides a more realistic 3D experience with clearly visible picture details and subtitles.



Active Shutter 3D Glasses



08

Flexible Server Selection

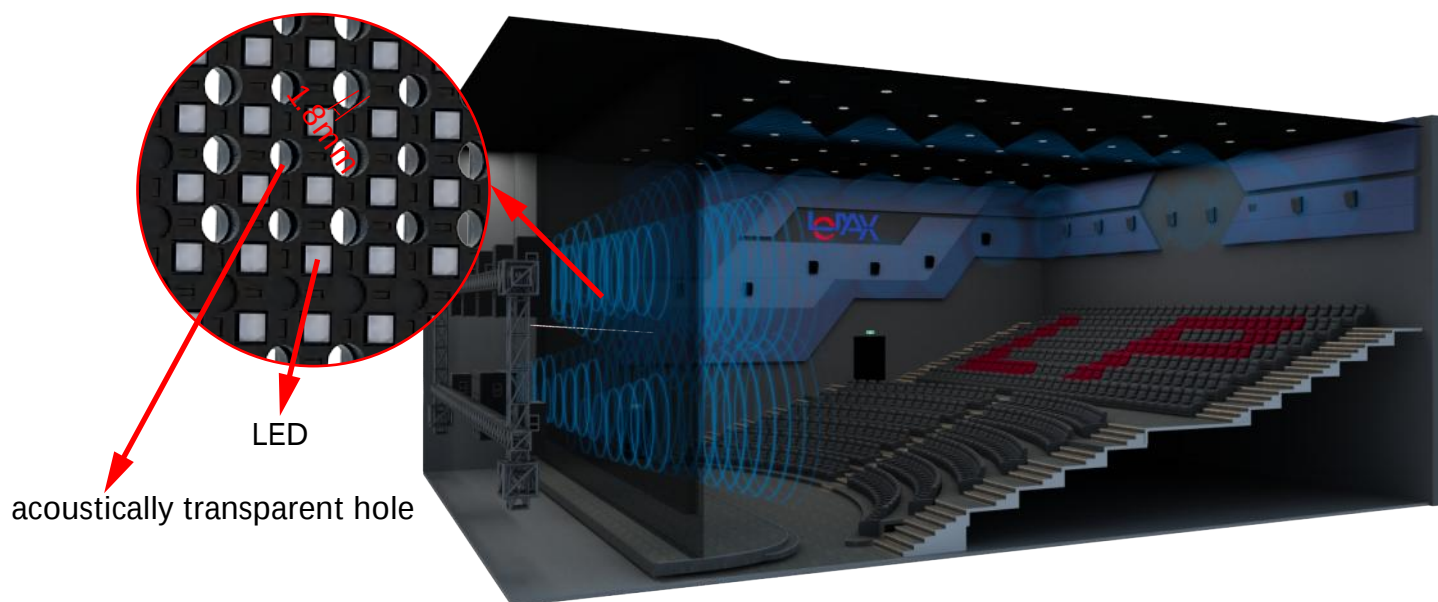
LEDMAX is compatible with GDC, Dolby, and QUBE media servers, providing a flexible content management solution for cinema theaters.



09

Fully Acoustically Transparent

Rear to front, as thin as 1.8mm, with a maximum opening of up to 28%, full penetration and complete acoustic transmission.



10

Full Sound Transmission

Hundreds of square metres of LED display with sound transmission holes anywhere from top to bottom, left to right.

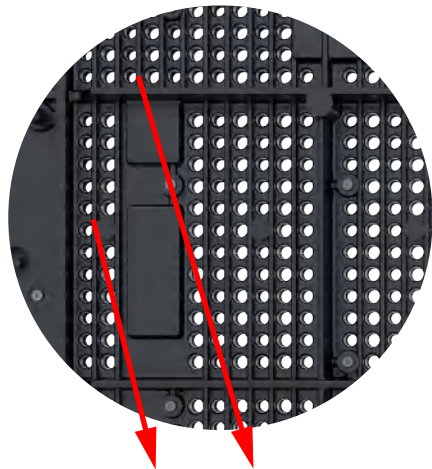


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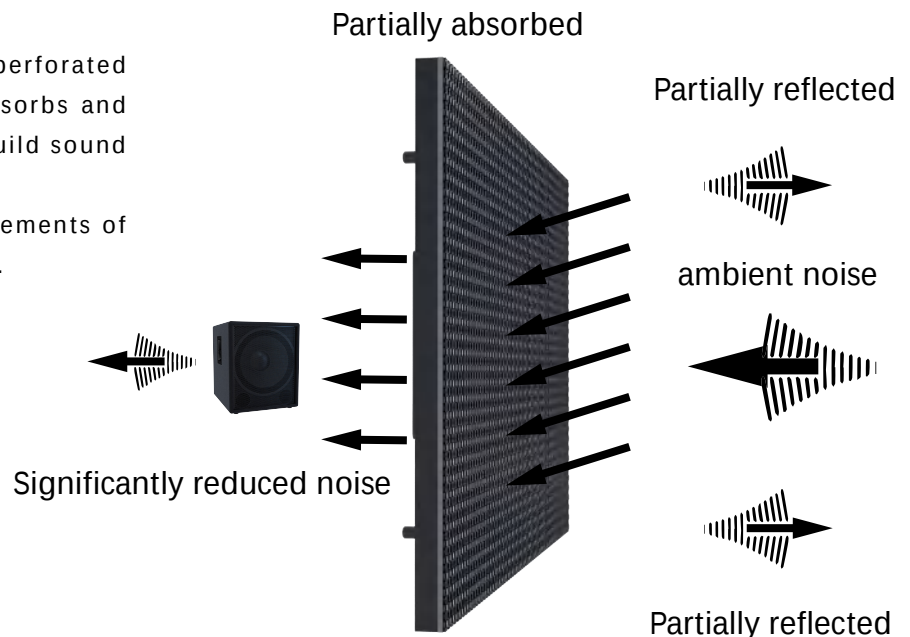
Fully anti-reflective

Hundreds of square metres of perforated screen, as if an acoustic baffle, absorbs and muffles sound, making it easy to build sound for the environment.

It meets the acoustic design requirements of the [Cinema Building Design Code].



irregular ribs design

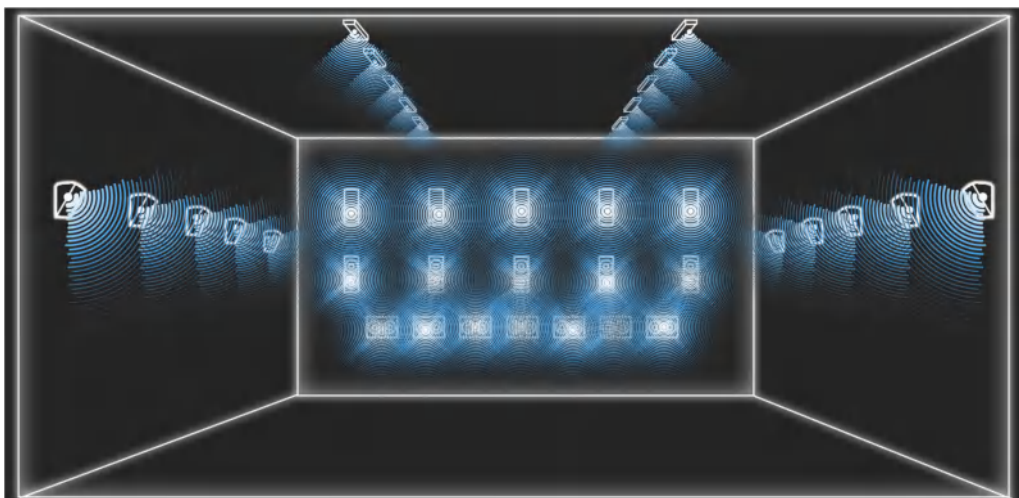


Full acoustically transparent LED cinema screen

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Compatible

Compatible with stereo, X.1 channel sound reinforcement, compatible with Dolby Atmos, DTSX, SMDS, LEDMAX immersive sound or other sound reinforcement. Can be adapted to any brand, any model of cinema sound system to achieve accurate sound and image positioning.



stereo sound 5.1 channel 7.1 channel



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Authoritative Media Reports

总台江苏总站
全球首块20米级别全透声LED电影屏在江苏南京投用
2024-10-19 09:27:01 浏览量:132
随着科技助力电影产业升级,全球首块20米级别全透声LED电影屏近日在江苏南京投用。



据了解,相比传统的电影放映机与银幕,这款采用全透声设计的超大电影屏,解决了影院声音定位的难题,创造更逼真的观影环境,其多项性能指标处于行业领先水平。(通讯员 董晓琳 摄影 付雪松)

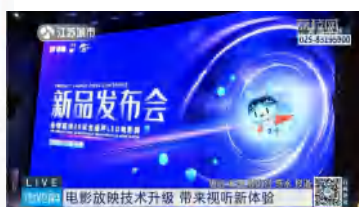
CNTV



XINHUA NEWS AGENCY



CCTV 6 China Movie Channel



Jiangsu City Channel



Jiangsu Moive Channel



CHINA FILM NEWS



Nanjing Daily



Jinling Evening News

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Application Cases



Zhenjiang Cheerful City Cinema
(SFC HongDou Store)



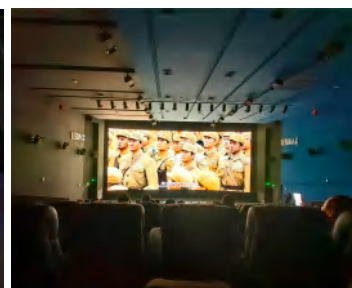
Guangdong Jiangmen Gongying Media
(Jiahuan Cinema 4K-LED LiHe Store)



Fort Smith, Arkansas ICON CINEMA



Nanjing SCT & LOPU LED Cinema Park



Hangzhou Gongshu Wuyue Plaza LED Cinema Screen
(Times International Cinema Gongshu Wuyue LED MAX Store)



Jiangxi Premiere Ceremony LED Cinema Screen
(SFC Yichun Runda LED Store)

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Product Parameters

Product	2K Cinema Screen			
Model	LP-CINEMA-2K	LP-CINEMA-2K7	LP-CINEMA-2K8	LP-CINEMA-2K10
Dimension(m)	5.12*2.7	7.04*3.6	8.32*4.5	10.24*5.4
Pixel Pitch(mm)	2.5	3.3	4	5
Resolution(column×row)	2048*1080	2112*1080	2080*1125	2048*1080
Pixel Density(dot/m²)	160000	90000	62500	40000
*Screen Weight(t)	0.5	0.9	1.32	1.94
*Mounting bracket weight(t)	0.53	0.97	1.55	2.1
*Power Max(KW)	≤1(48nits)/≤1.9(300nits)	≤1.5(48nits)/≤3.2(300nits)	≤1.9(48nits)/≤4.5(300nits)	≤2.5(48nits)/≤6.2(300nits)
*Power Average(KW)	≤0.9(48nits)/≤1.3(300nits)	≤1.3(48nits)/≤2.1(300nits)	≤1.7(48nits)/≤3(300nits)	≤2.2(48nits)/≤4.1(300nits)
*Standby Power(KW)	0.8	1.2	1.5	1.9
Server Model	GDC SR-1000 / QUBE Xi 4K			
Product	4K Cinema Screen			
Model	LP-CINEMA-100	LP-CINEMA-140	LP-CINEMA-160	LP-CINEMA-200
Dimension(m)	10.24*5.4	14.08*7.2	16.64*9	20.48*10.8
Pixel Pitch(mm)	2.5	3.3	4	5
Resolution(column×row)	4096*2160	4224*2160	4160*2250	4096*2160
Pixel Density(dot/m²)	160000	90000	62500	40000
*Screen Weight(t)	1.94	2.74	4.05	5.98
*Mounting bracket weight(t)	2.1	3.04	4.5	6.64
*Power Max(KW)	≤3.4(48nits)/≤7.2(300nits)	≤5.3(48nits)/≤12.3(300nits)	≤7.1(48nits)/≤17.4(300nits)	≤9.3(48nits)/≤24.4(300nits)
*Power Average(KW)	≤3.1(48nits)/≤4.7(300nits)	≤4.8(48nits)/≤8.1(300nits)	≤6.4(48nits)/≤11.5(300nits)	≤8.3(48nits)/≤17.1(300nits)
*Standby Power(KW)	2.7	4.2	5.4	7
Server Model	GDC SR-1000 / QUBE Xi 4K	GDC SR-1000 / DOLBY IMS3000		
Common Parameter	2K、4K both applicable			
Pixel Configuration	1R1G1B (SMD)			
Aspect Ratio	1:1.85/1:2.39			
Brightness	48nits/300nits for HDR			
Brightness Uniformity	≥93%			
Contrast Ratio	600000:1 (Total Darkness)			
Sequential Contrast Ratio	3770.5:1			
3D	Active Shutter 3D			
Refresh Rate (Hz)	≥3840			
Gray scale (bit)	16			
Powe Supply	AC100- 240V, 50/60Hz			
Mean Time Between Failures	≥10000h			
Lifetime of the LED	≥100000h			
Colorgamut	DCI- P3			
Temperature	Working Temperature: 0℃~+40℃; Stockpile Temperature: - 20℃~+50℃			
Humidity	Working Humidity: 10%~80%RH (Driver IC Mode) ; Stockpile Humidity: 5%~95%RH (Driver IC Mode)			
Maintenance mode	Rear			
Product Certification	3C、DCI、CE、FCC、DY/T 8- 2023、TUV			

Note: “*” for typical values, the parameters are for reference only, according to the specific circumstances of the project will vary.

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