



Perfect color

Artificial Intelligence to LED Lighting



App Caimeta



We all know that natural sunlight emits light with full spectrum of color, which is why everything looks so great in the natural light. While all the artificial light sources just unable to match with the color quality of sunlight. No matter for Incandescent light source, Halogen light source or LED light source. But good color is so important for high-end retailers, supermarkets and art galleries.

new innovative design LEDlight source highly **simulate the sunlight full spectrum**, added with auto enhancement system can effectively increase the color rendering ability, make sure **all the colors are able to pop out and sparkling**.

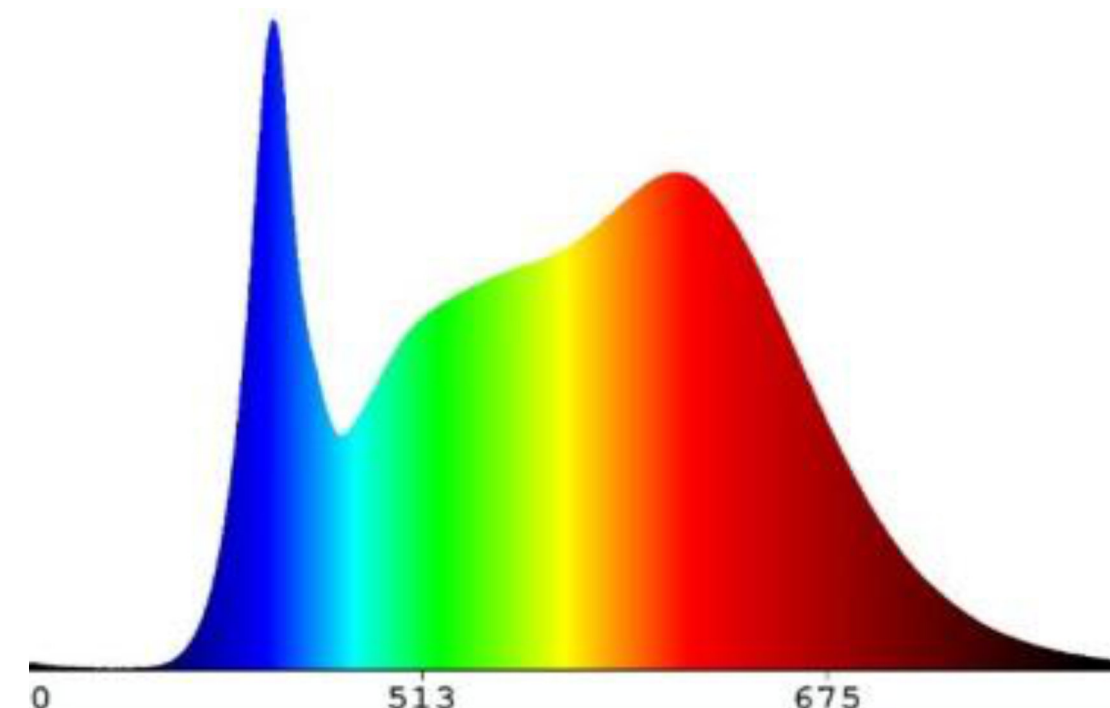
Incorporates with AI technology, the fixture can **change the output light according to different objectives automatically**, this is a revolutionary new technology in LEDlighting field.



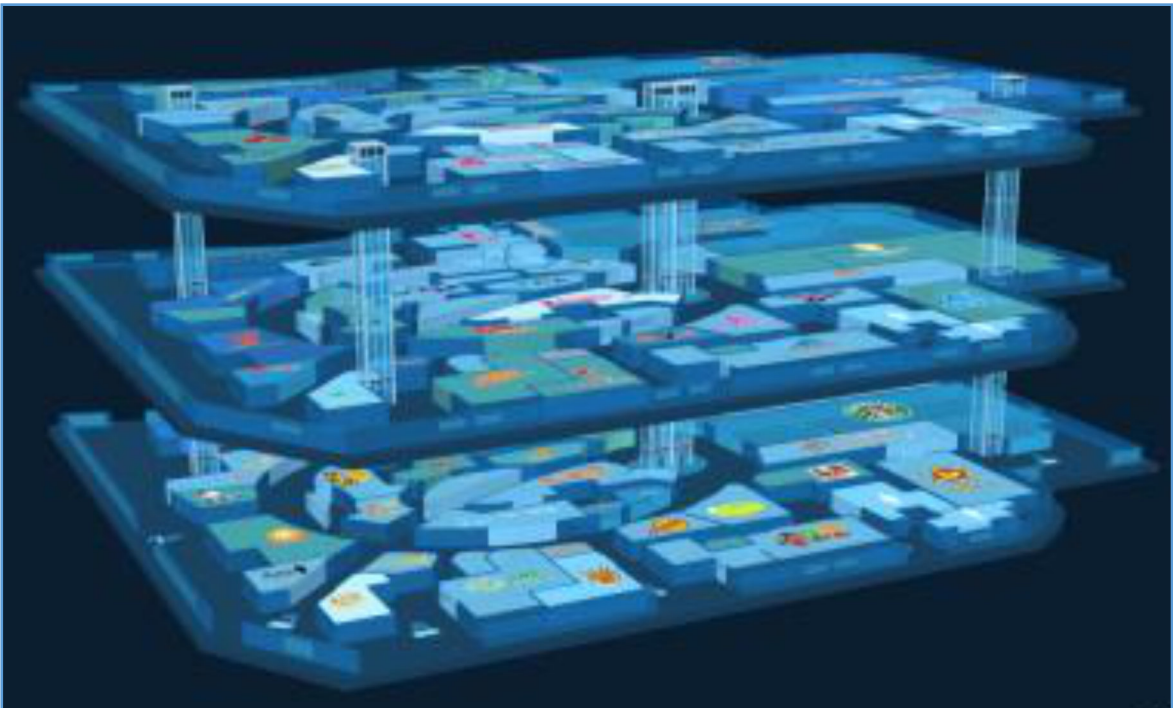
Vegetables and fruits looks freshly picked and bursting with flavor under kinglumi's AI Scenetracklight-full spectrum with auto enhancement new Technology.

The biggest disadvantage of the conventional lighting is the fruits and vegetables look too warm at best or flat and dull at worst, we can produce with enhanced rich contrasts and naturally saturated fresh colors under Kinglumi's full spectrum with auto enhancement new technology

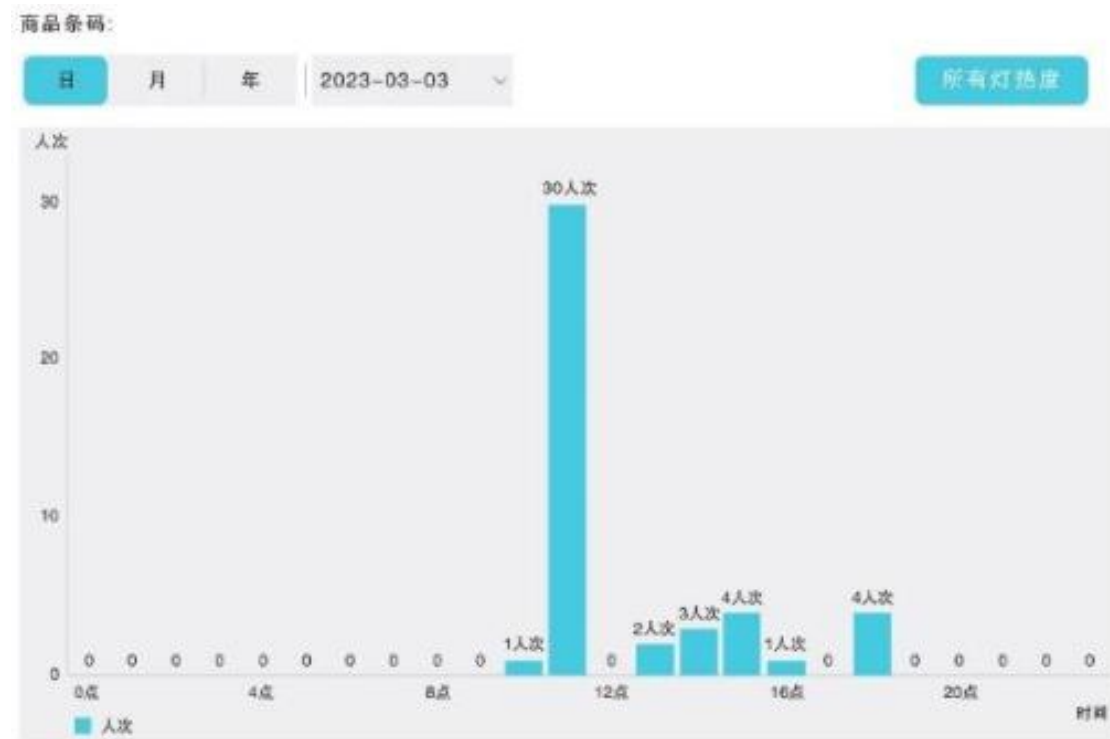
4 Key Features:



Adaptive full Spectrum Lighting



Energy saving Management



People counting-Statistics

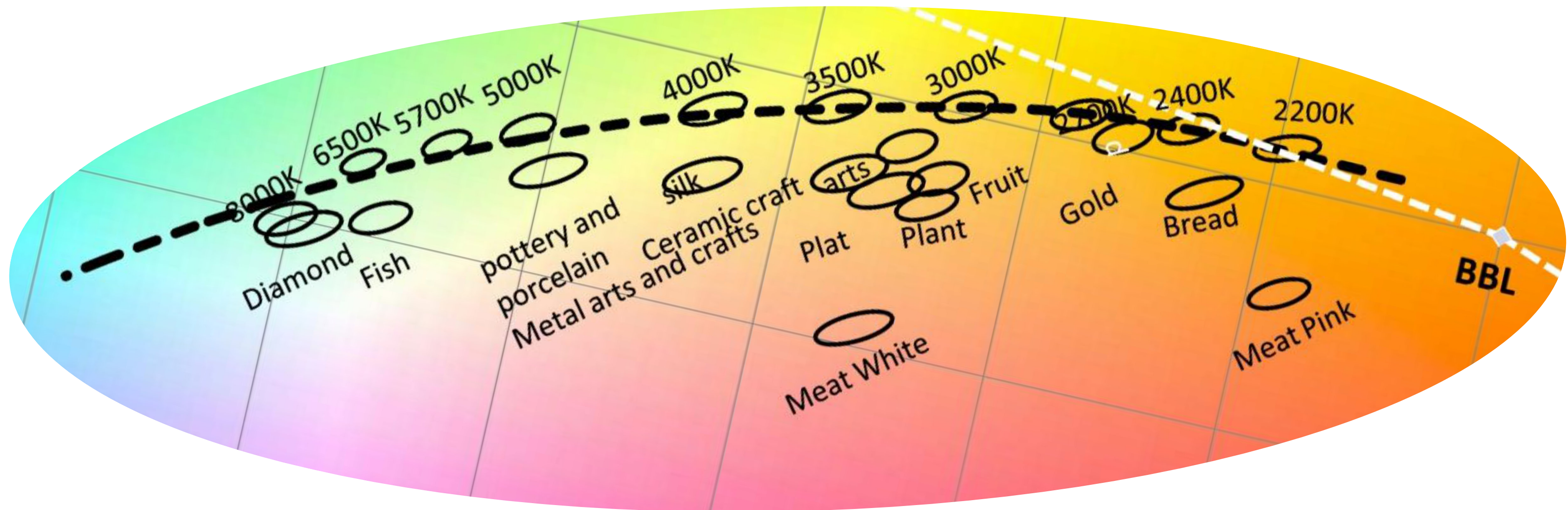


Commodity Impression Analytics

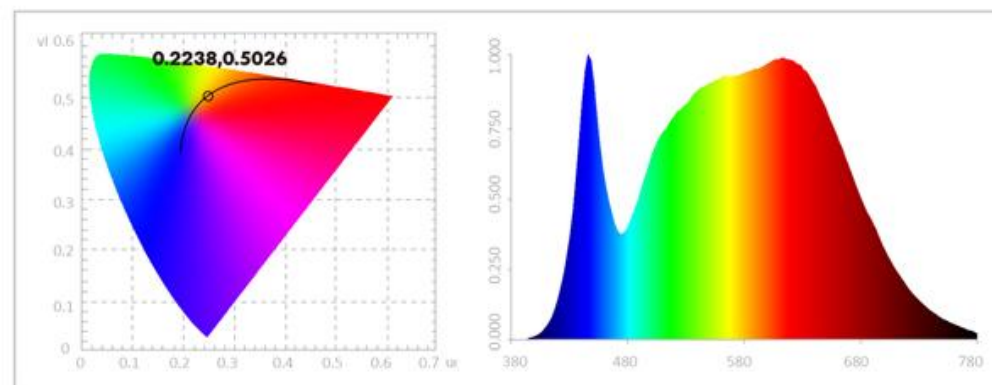
Color Gamut

Customized LED chip: WW+ R,G,B

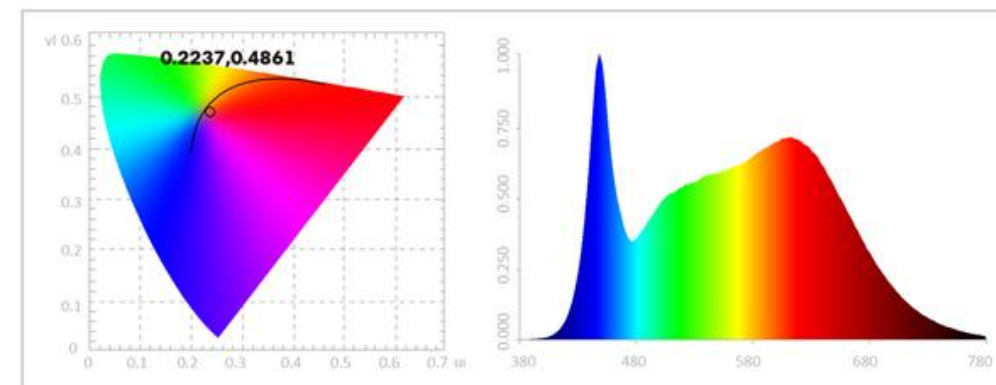
A combination of wide color Gamut, make sure all the applications are with perfect lighting effect.



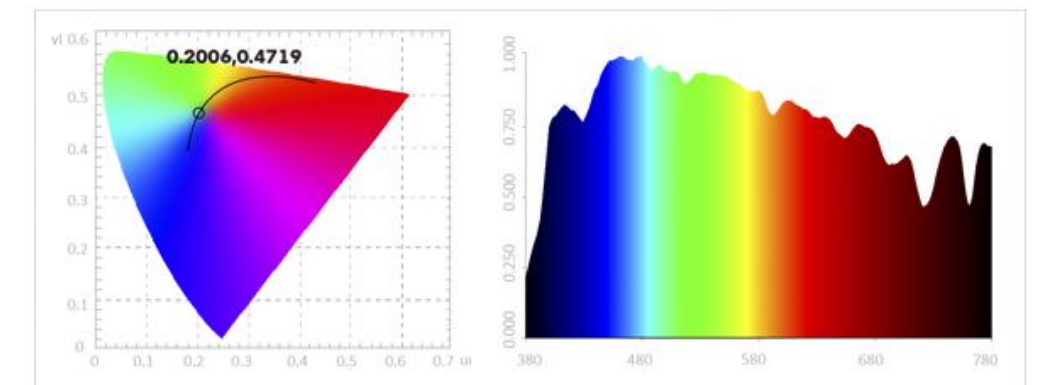
Color Comparison- White



4000K Ra 95

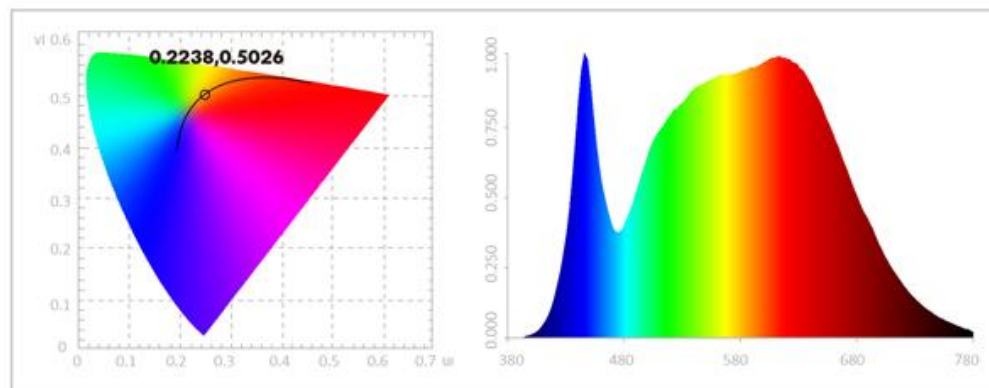


Meta AI tracklight

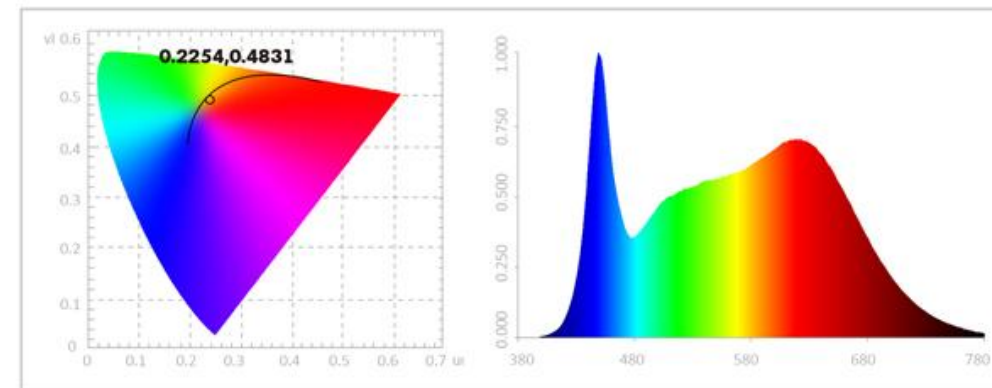


Sunshine light

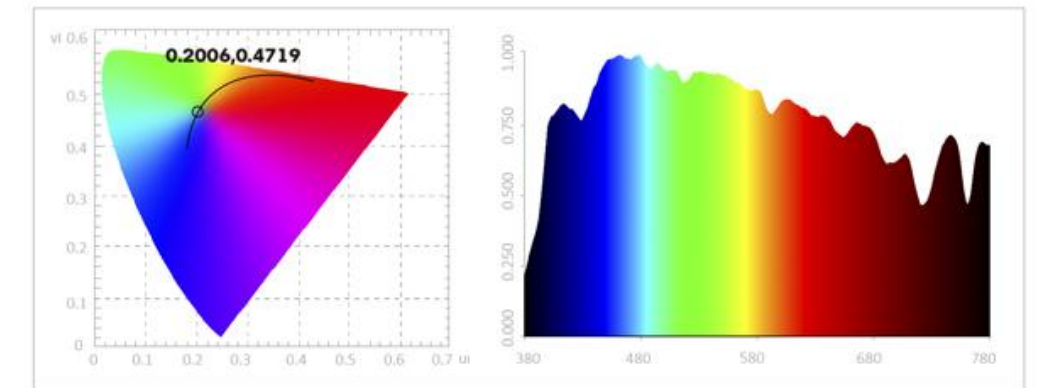
Color Comparison- Green



4000K Ra 95



Meta AI tracklight



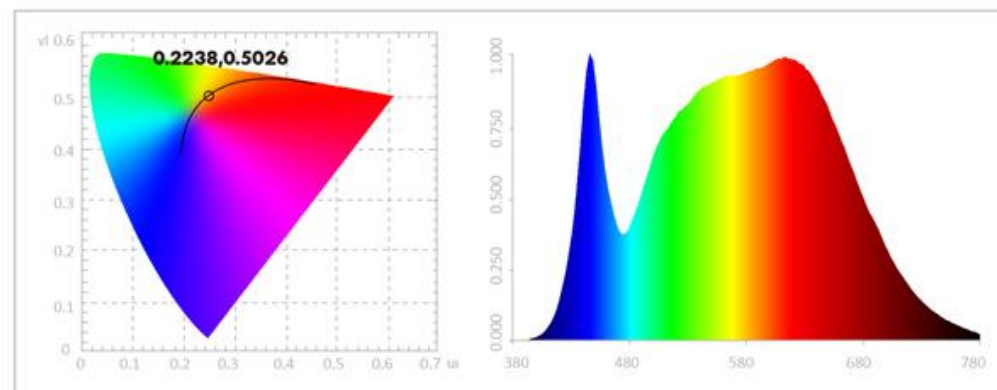
Sunshine light

Color Comparison- Colorful

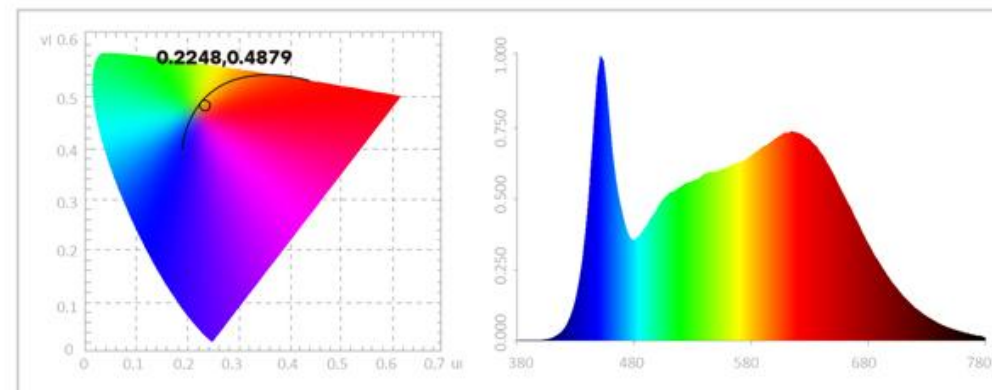
Yellowish

Looks good

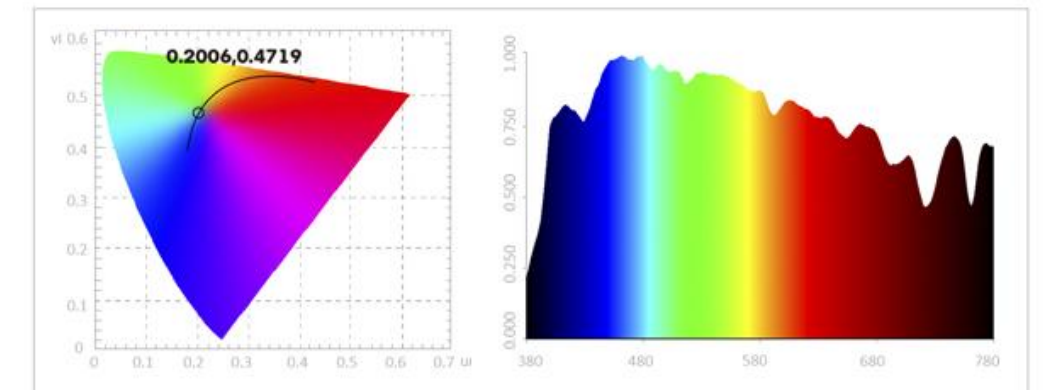
100% Pure color



4000K Ra 95



Meta AI tracklight



Sunshine light

CAIMETA™ -Intellectual Property



6 Invention Patents

5 Utility Patents



Invention patent
Industrial design patent

US



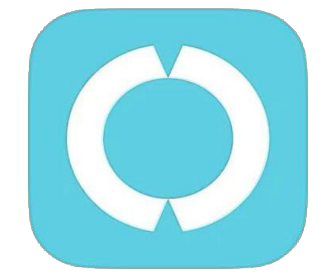
Invention patent
Industrial design patent
Invention patent
Industrial design patent

EU



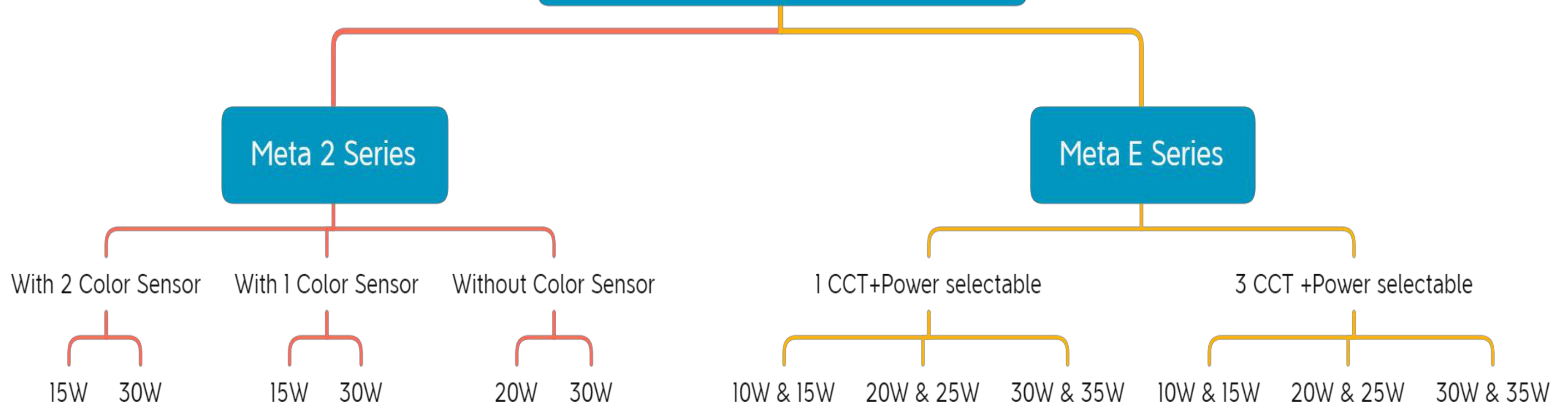
Invention patent
Utility model patent
Industrial design patent

CHINA






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Meta Series Product Tree Map



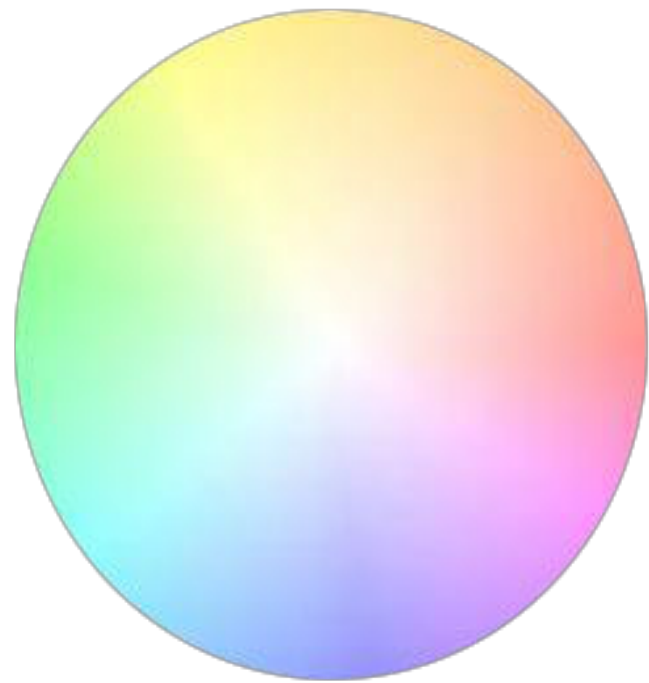
Versatile and in one system



	Family	LED & Spec	Tags
  	Meta 2 Pro DUAL	W+RGB, Ra 95	AI tech., 2 x built-in sensor
	Meta 2 Pro	W+RGB, Ra 95	AI tech., built-in sensor
	Meta 2	W+RGB, Ra 95	AI tech., without built-in sensor
	Meta E 3CCT	3000-3500-4000K, Ra 90+	CCTswitchable, Lumen switchable
	Meta E	2700K, 3000K, 3500K, 4000K, Ra 90+	Lumen switchable

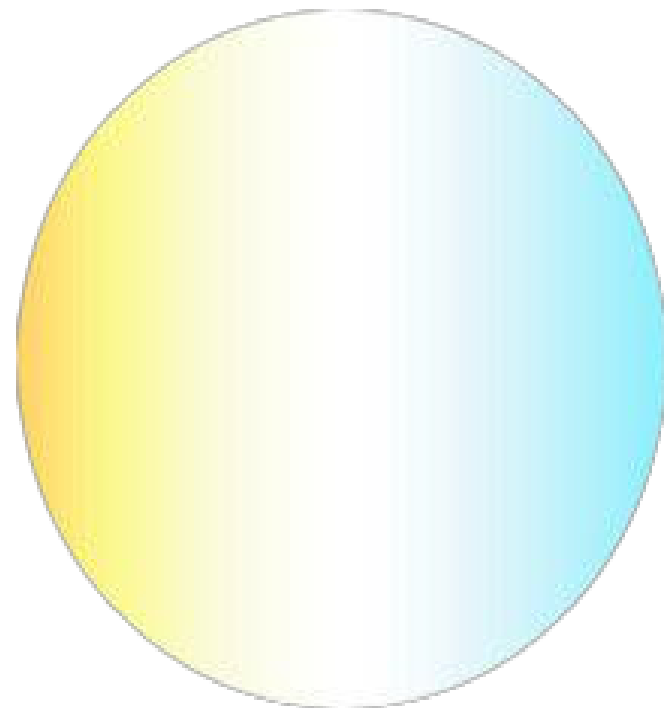
Three Different LED Solutions:

Highly simulate sunshine light spectrum



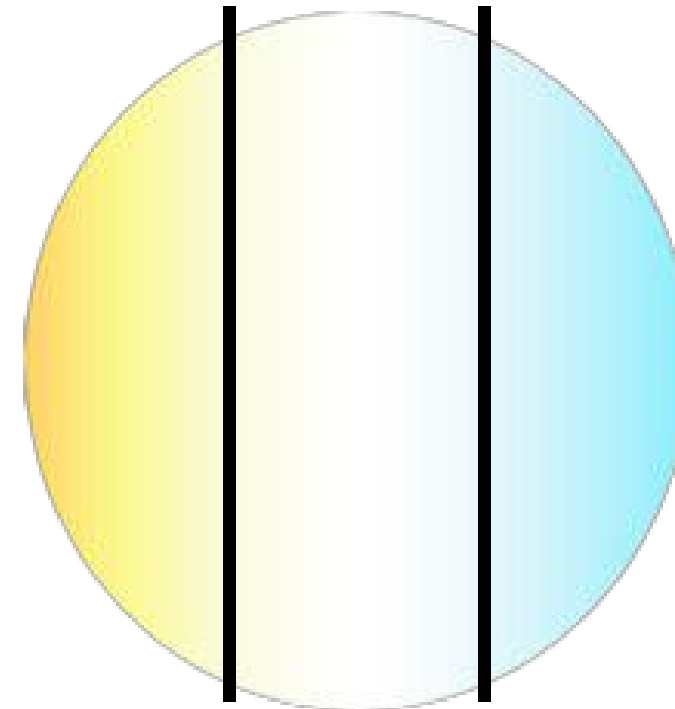
W+RGB

Full spectrum & High saturation



3CCT

<3 SDCM



1CCT

<3 SDCM



Why Meta 2

The right light spectrum for any application.

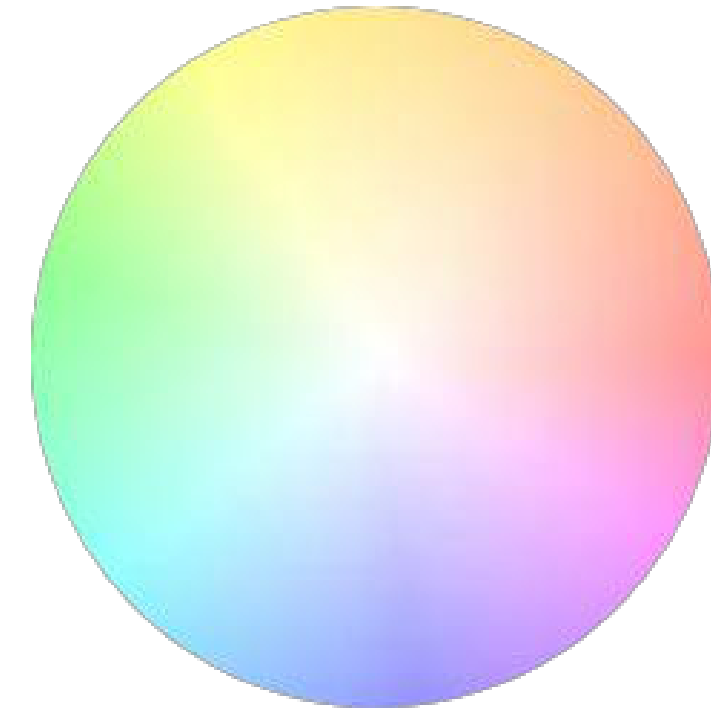
Especially for the coloured display of exhibits and merchandise



Meta 2



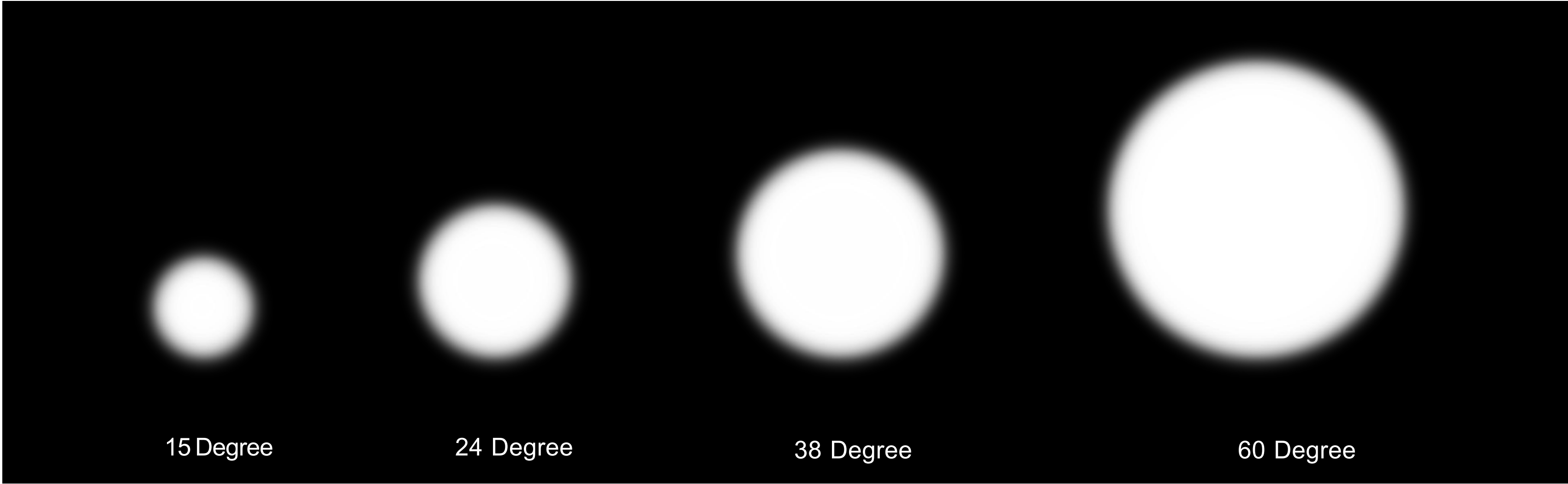
4000K Ra 95



Full Spectrum light

The lighting of museums, arts and other projects with similar requirements such as those in the luxury retail segment places the highest demands on lighting quality. The Meta 2 with AI sensor not only create an impression with adaptive light spectrum & energy management. They generate sales data on Commodity Impression Analytics* and Foot Traffic Monitoring*. Meta 2 also offers innovative connectivity solutions using wireless standards BLE Mesh.

Four Beam Angles:





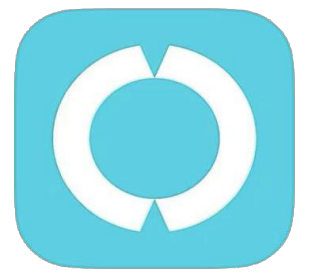
No Side Glare Light

Optical Lens+ anti-glare baffle

Visual comfort with 30° shielding angle

High Luminous Intensity

Strong penetrate ability for the spotlight



Caimeta



CBCP Value
up to
26,000cd

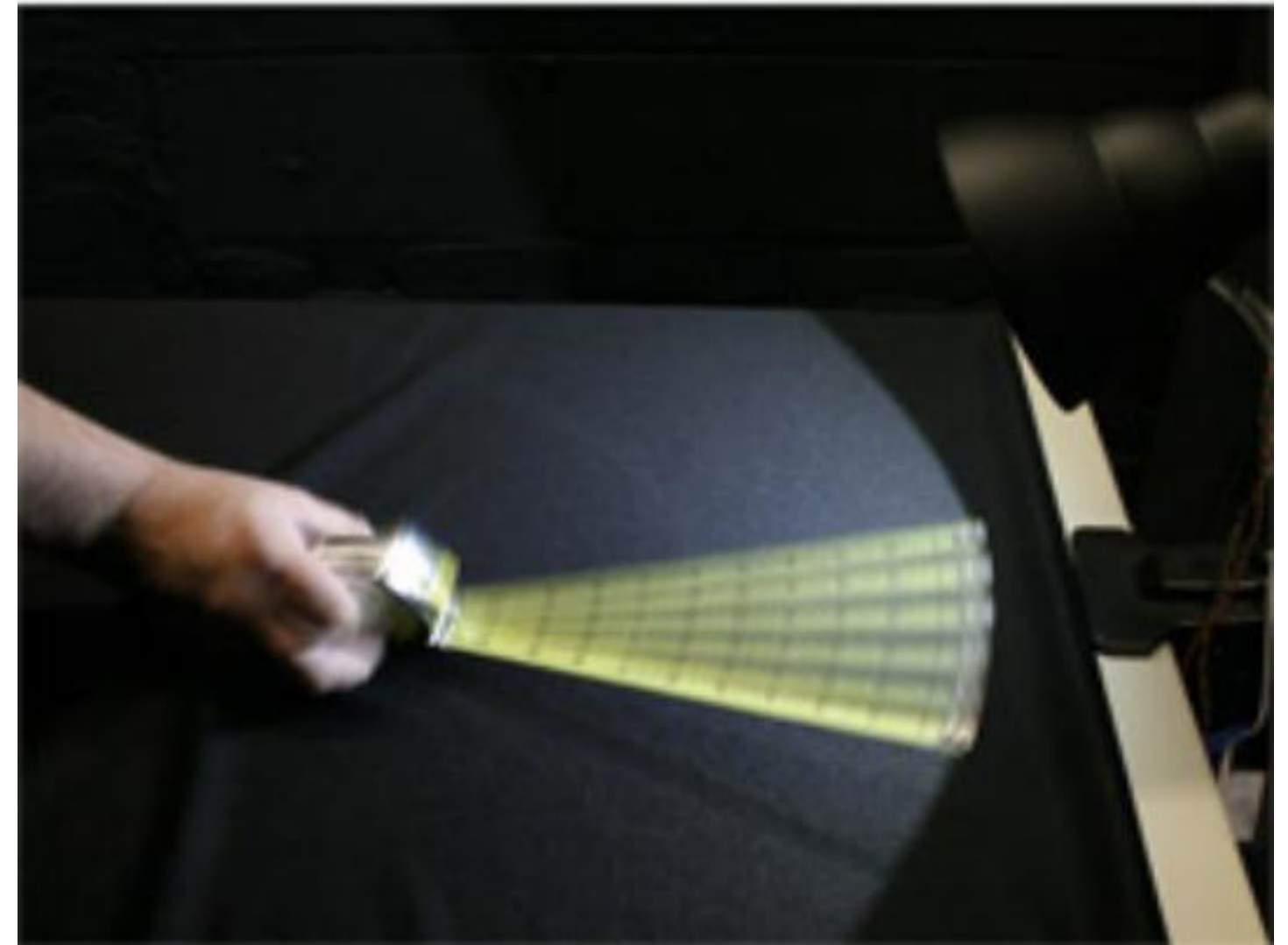
Complete Flicker Free

ErP 2024: $SVM < 0.3$, $Pst < 0.8$

IEEE1789: $< 3\%$ flicker percentage



Meta Series



Most of Others

Multi-powers & CCT

Easy to select the wattage & CCTas needed



Power Setting

A horizontal slider control on a black background. The slider has a blue knob with three vertical lines. To the left of the knob is a minus sign (-) and the text "5W". Above the knob is the text "10W". To the right of the knob is a plus sign (+) and the text "Max.". The right end of the slider is labeled "100%".

by App for Meta 2

A black cylindrical light fixture is shown. Two circular callouts provide details: the top callout shows a red switch labeled "ON" with positions "1" and "2"; the bottom callout shows a switch with three positions labeled "3000K", "3500K", and "4000K".

by switch for Meta E

Three Different Dimensions



Φ60mm

Meta E

Max. 15W 1300lm Max. 9,600cd

Φ70mm

Meta 2

Max. 20W 1500lm Max.12,000cd

Meta E

Max. 25W 2300lm Max. 24,000cd

Φ80mm

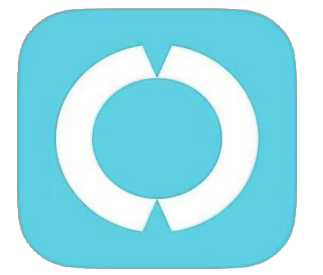
Meta 2

Max. 30W 2400lm Max. 21,000cd

Meta E

Max. 35W 3400lm Max.26,000cd

Multiple Installation Way



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Meta Recessed Version

