BEAMONE PRO

Compact Form. Built to Dominate Outdoors.

SPEC SHEET





Foshan YiFeng Electric Industrial Co.,Ltd.
No.898, Gaoming Avenue East, Hecheng Blvd, Gaoming District, Foshan, Guangdong, China.
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FIXTURE OVERVIEW



- The ACME **BEAMONE PRO** moving beam is engineered for outdoor productions demanding extreme punch, long-throw performance, and uncompromising all-weather reliability. Combining the raw aerial intensity of a discharge lamp with low-maintenance performance, it delivers striking visual presence for concerts, festivals, and outdoor events.

- Fitted with a PHILIPS MSD Infinity 12X light source, the fixture delivers highly stable output and a crisp 7,400K color temperature. Designed for long-term operation, it offers an 8,000-hour lamp life expectancy, significantly reducing maintenance demands. Paired with a 152 mm frontal lens, the fixture produces an ultra-narrow 2° beam capable of reaching an outstanding 1,952,000 lux at 5 meters, creating razor-sharp aerial effects across large-scale stages.

- Creative flexibility is expanded through a CMY mixing system and variable CTO, enabling smooth transitions and refined tonal control. The fixture also features a 14-color wheel, a static gobo wheel with 10 gobos and 3 effect gobos, and a frost filter for softened edges.

- For layered aerial looks, the fixture boasts a 6-linear prism and an 8-facet circular prism, delivering richer textures and enhanced visual depth beyond what a single prism can achieve.

- Built within a rugged IP66-rated housing, the fixture keeps the show going through rain, humidity, and dust. Despite its compact form factor, the **BEAMONE PRO** delivers maximum visual impact with minimizing maintenance demands.

FEATURE HIGHLIGHTS

- Light Source: PHILIPS MSD Infinity 12 X
- 152 mm diameter frontal lens
- Beam Angle: 2°
- Fixture Luminous Output: 9,000 lumens
- Color Temperature Output of Fixture: 7,400K
- Linear CMY color mixing
- Variable CTO ranging from 2,800K-6,800K
- 1 Color Wheel: 14 colors, plus open
- 1 Static Gobo Wheel: 10 gobos and 3 effect gobos, plus open
- 1 x 8-facet circular prism, 1 x 6-facet linear prism, rotatable in both directions
- 1 frost filter
- Motorized focus
- Outstanding strobe effect with variable speed
- Smooth dimming 0-100% (4 user selectable dimming curves)
- IP66 rated

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TECHNICAL SPECIFICATIONS

Model
· Model Name: BEAMONE PRO
· Model Code: XP 300 BEAM IP

Light Source
· Light Source: PHILIPS MSD Infinity 12 X
· Color Temperature Output of Fixture: 7,400K
· Life Expectancy: 8,000 hours*
*Source manufacturer specification

Photometric Data
· Fixture Luminous Output: 9,000 lumens
· CCT: 7,400K
· Ra: 74
· TM-30 Rf (IES TM-30-15 Fidelity Index): 73
· TM-30 Rg (IES TM-30-15 Fidelity Index): 89
· TLCI: 41

Optical System
· Beam Angle: 2°
· Diameter of Frontal Lens: 152 mm

Control & Program
· 4 button touch control panel
· Display: LCD display
· Protocols: DMX512, RDM, Art-Net, sACN, NFC
· DMX Protocol Modes: 1
· Control Channels: 25
· Firmware Upgrade: Upgrade via DMX link or USB stick

Pan & Tilt
· Pan Movement: 540°
· Tilt Movement: 270°
· Automatic Pan/Tilt position correction
· Resolution: 16 bit
· Pan/Tilt lock

Color Mixing
· Linear CMY color mixing

Color Correction
· Linear CTO Color Correction: 2,800K-6,800K

Color Wheel
· 1 Color Wheel: 14 colors , plus open

Static Gobo Wheel
· 1 Static Gobo Wheel:
10 static gobos and 3 effect gobos, plus open
· Gobo Dimensions
External Diameter: 110 mm
· Material:Aluminum Alloy

Frost
· 1 frost filter

Focus
· Motorized focus system

Prism
· 1 x 8-facet circular prism, 1 x 6-facet linear prism, rotatable in both directions

Electrical
· Input Voltage Range: 100-240Vac; 50/60Hz
· Power Consumption: 405W
· Power In/Out: Waterproof Power connector in/out
· Data In/Out: 3-pin or 5-pin waterproof XLR, waterproof RJ45 connector

Physical
· Weight: 22.5 kg (49.6 lbs)
· Length (Head): 352 mm (13.9")
· Length (Base): 332 mm (13.1")
· Width (Across Yoke): 332 mm (13.1")
· Height (Head Up): 531 mm (20.9")

Construction
· Housing: Aluminum-Magnesium Alloy
· Color: Black
· Protection Rating: IP66

Work Environment
· Maximum Ambient Temperature: 45°C
· Minimum Operating Temperature: -20°C
· Maximum Surface Temperature: 80°C

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TECHNICAL SPECIFICATIONS

Acoustic Data

· Noise Level:
Standard Mode: 44 dB(A) @ 1 m

Installation

· Horizontal or vertical mounting
· 2 omega brackets
· Safety cable attachment point

Approvals

· CE compliant
EMC directive 2014/30/EU
LVD directive 2014/35/EU
· UKCA compliant
Electromagnetic Compatibility Regulations 2016
Electrical Equipment (Safety) Regulations 2016

INCLUDED ITEMS

Included Items

· Digital user manual
· Power cable
· 2 omega brackets (3002003003)

ORDERING INFORMATION

Optional Accessories
(With Order Code)

· Flight Case
Standard: Two-pack loader case(63584485)
North American Standard: TBD
· Clamp: C-250B (2060001632-B)
· Safety Cable: SW-05 (2060001603-E)
· Signal Cable:
3-pin waterproof signal cable (3017013468) or
5-pin waterproof signal cable (3017013473)

Carton Dimensions

· Carton Dimensions:
Width: 470 mm (18.5")
Depth: 450 mm (17.7")
Height: 645 mm (25.4")
· Weight:
G.W.: 26.5 kg (58.4 lbs) (one-pack loader carton)



3-pin/5-pin waterproof
signal cable: 3017013468/3017013473



SW-05: 2060001603-E



C-250B: 2060001632-B



Standard: Two-pack loader case(63584485)

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APPLICABLE MODELS

- BEAMONE PRO (XP 300 BEAM IP)

ORDER CODE

- 63584485 BEAMONE PRO (XP 300 BEAM IP)

CASE WEIGHT

- 54 kg (119.0 lbs)

MEAS

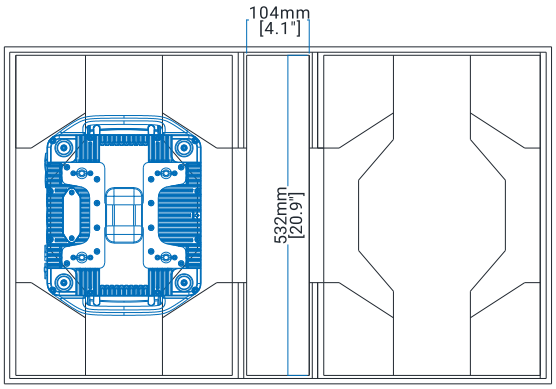
- 930 x 580 x 810 mm (36.6" x 22.8" x 31.9")

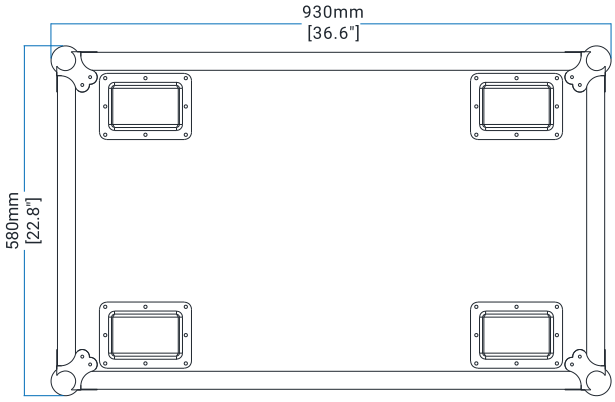
LOADING Q'TY

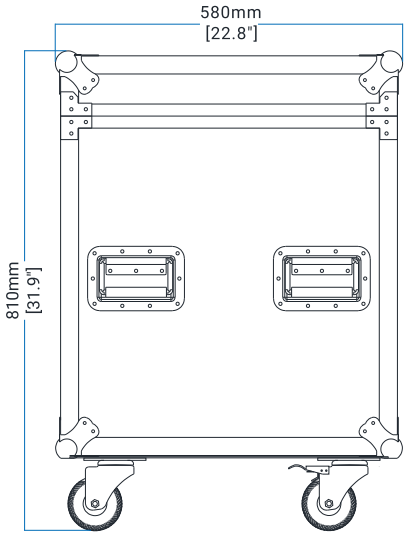
- Two-pack loader case

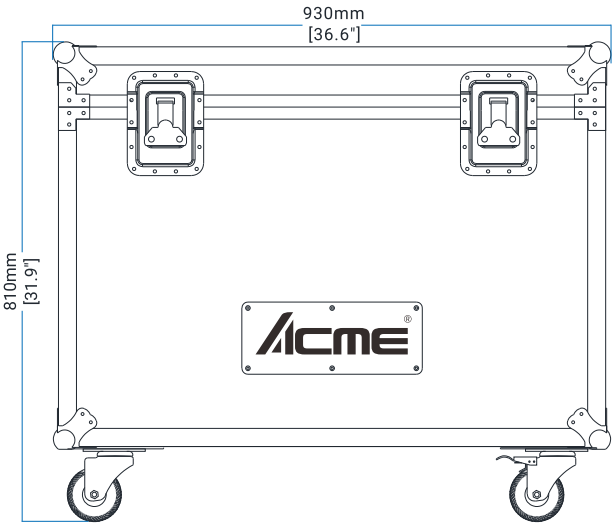
MAXIMUM STACKING

- 2 stacks









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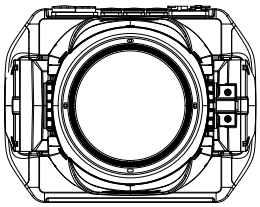
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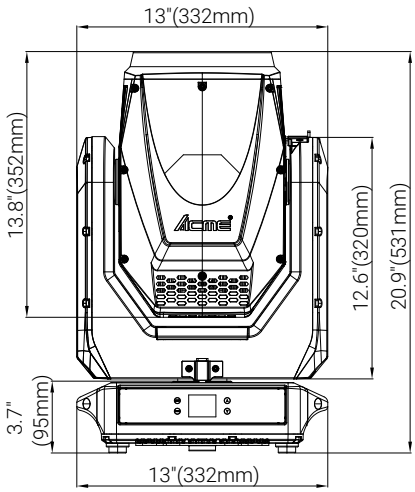
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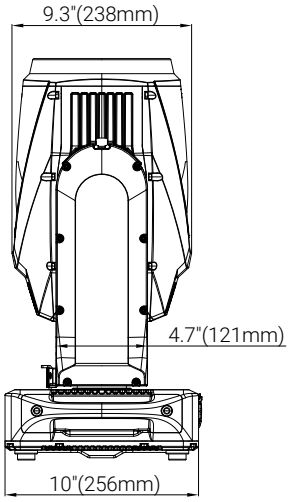
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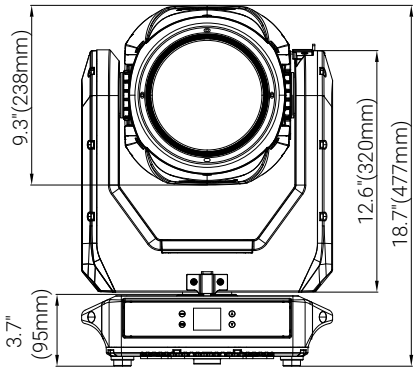
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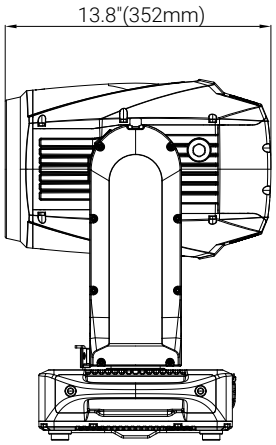
DIMENSIONS

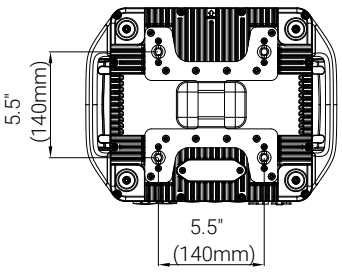


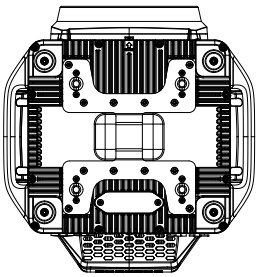












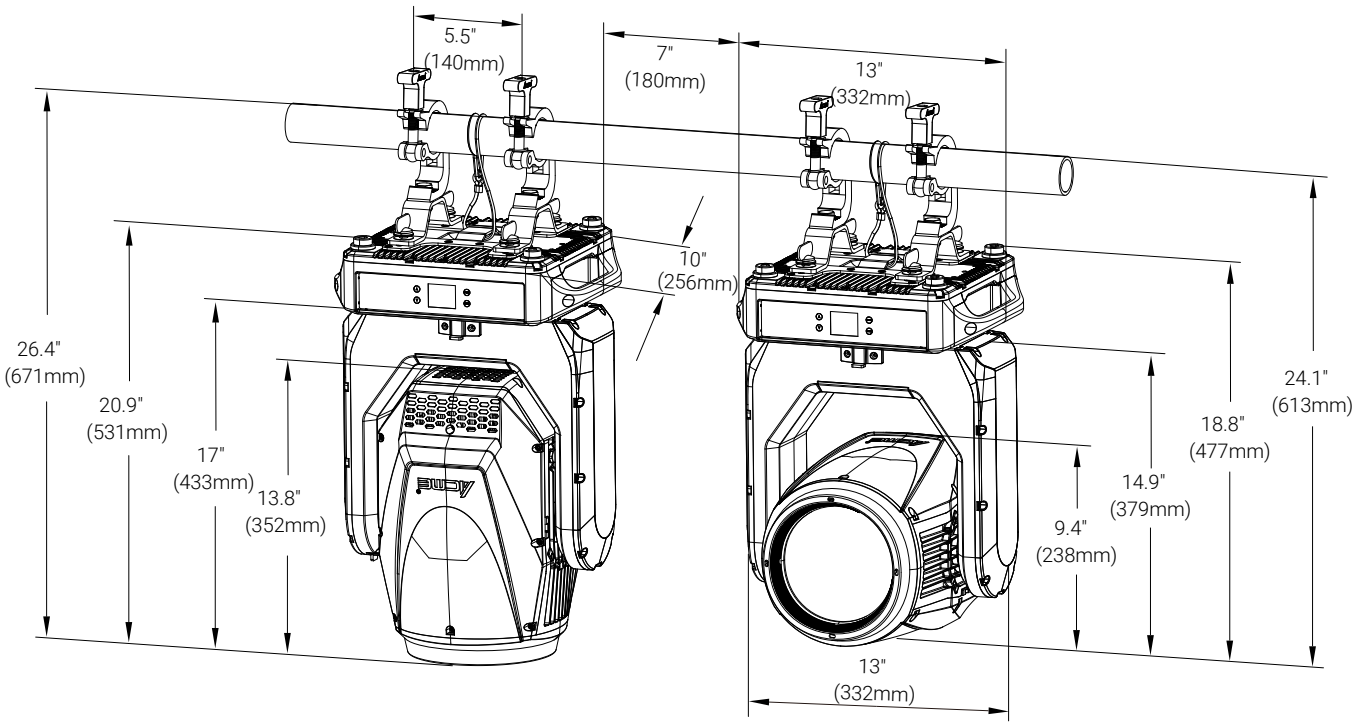
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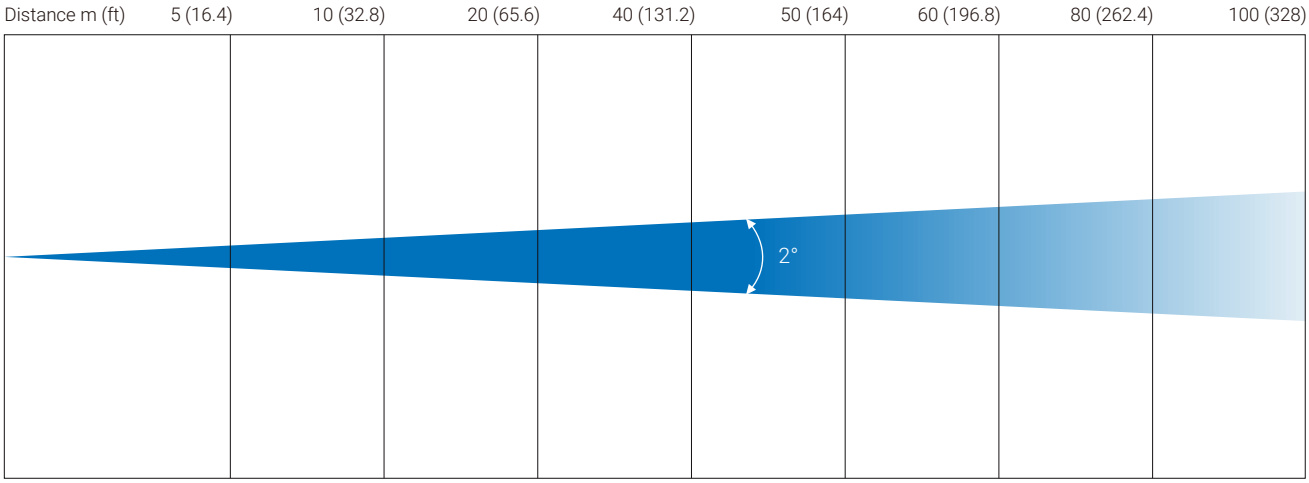
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HANGING DIMENSIONS



PHOTOMETRIC



2° Lux	1,952,000	488,000	122,000	30,500	19,500	13,300	7,600	4,900
Diameter m (ft)	0.2 (0.6)	0.4 (1.3)	0.8 (2.6)	1.4 (4.6)	1.8 (5.9)	2.1 (6.9)	2.8 (9.2)	3.5 (11.5)

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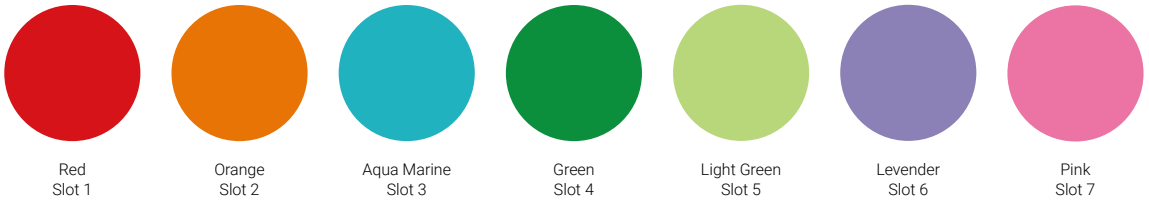
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DYNAMIC EFFECTS

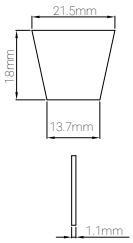
Color Wheel



Red Slot 1 | Orange Slot 2 | Aqua Marine Slot 3 | Green Slot 4 | Light Green Slot 5 | Levender Slot 6 | Pink Slot 7

Light Yellow Slot 8 | Magenta Slot 9 | Blue Slot 10 | Yellow Slot 11 | Light Yellow Slot 12 | 6,000k Slot 13 | UV Slot 14

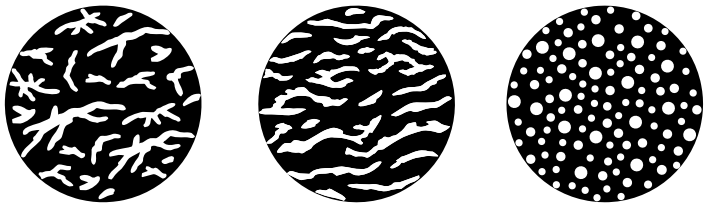
› Dimension:



Static Gobo Wheel

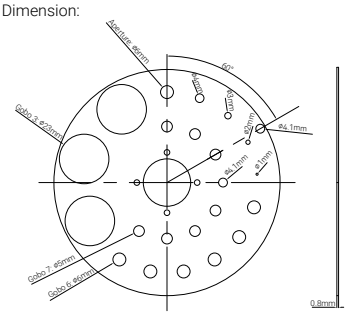


Slot 1 | Slot 2 | Slot 3 | Slot 4 | Slot 5 | Slot 6 | Slot 7 | Slot 8 | Slot 9 | Slot 10



Slot 11 | Slot 12 | Slot 13

› Dimension:

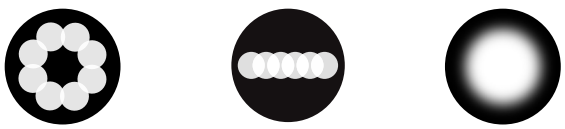


› Material: Aluminum alloy

Linear CMY Color Mixing



Prism/Frost Filter



1 × 8-Facet Circular Prism | 1 x 6-facet linear prism | 1 Frost Filter

Linear CTO Color Correction

2,800K-6,800K

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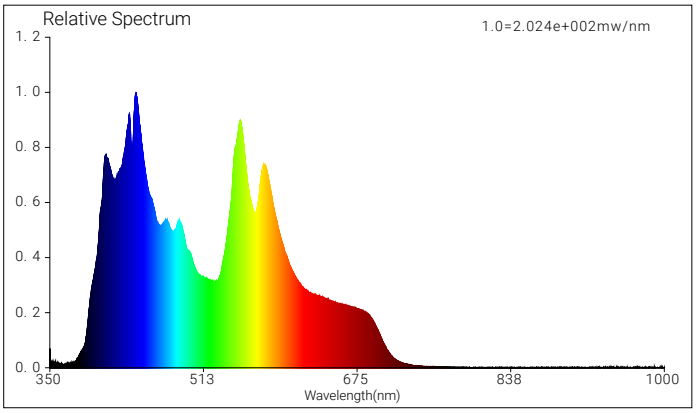
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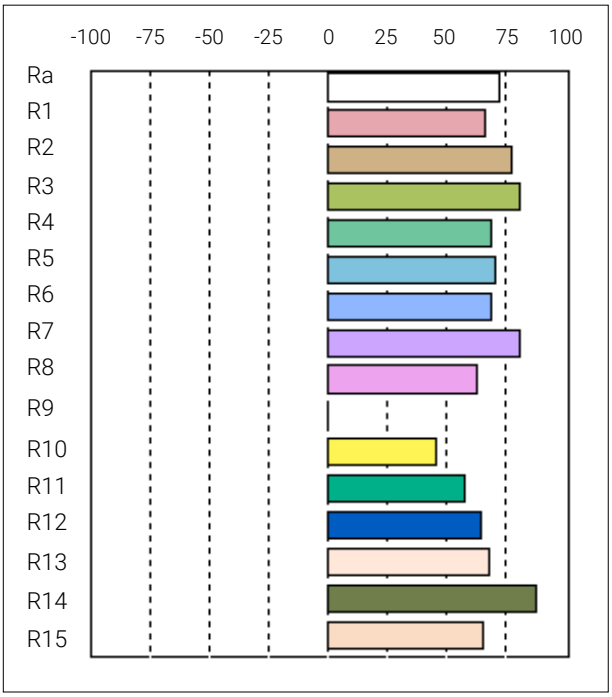
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PHOTOMETRIC REPORT — CHROMATICITY

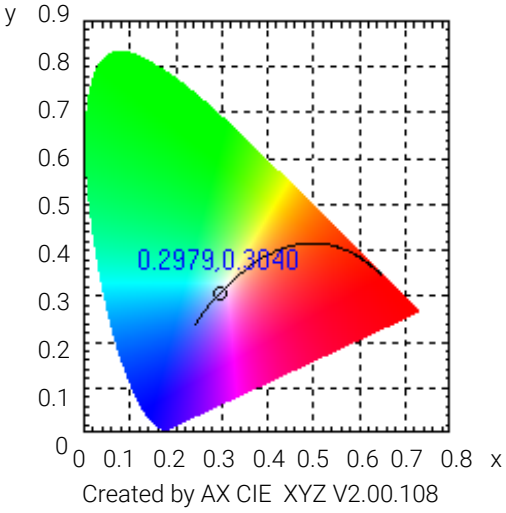
Spectral Distribution



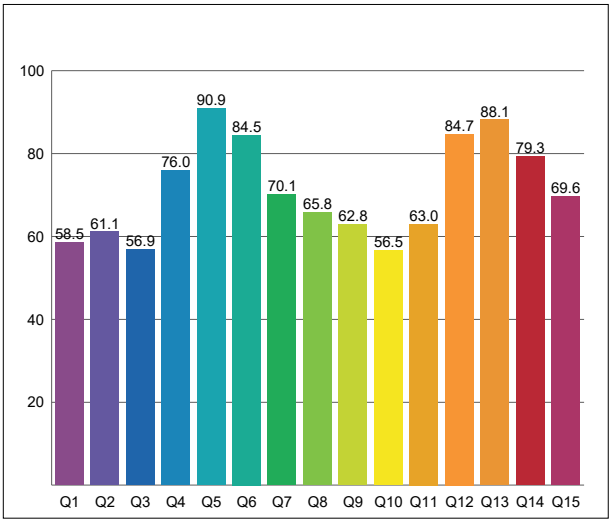
CRI: 73.6 (R1-R8)



CIE 1931 EVERFINE



CQS:70.5(Q1-Q8)



CRI C Values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
67.8	79.3	82.3	70.5	72.0	70.4	82.8	64.0	0.0	47.1	59.5	66.3	69.3	89.1	66.6	73.6

TM30 R Values

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
67.8	79.3	82.3	70.5	72.0	70.4	82.8	64.0	0.0	47.1	59.5	66.3	69.3	89.1	66.6

CQS Q Values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
58.5	61.1	56.9	76.0	90.9	84.5	70.1	65.8	62.8	56.5	63.0	84.7	88.1	79.3	69.6

Colour Parameters

Color temperature	Color rendering index	Color fidelity	Color gamut	Color quality scale	Color coordinate cie 1931	Color coordinate cie 1931	Color coordinate	Color coordinate	Color diviation from black body
CCT	CRI	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
7,811K	73.6	73	89	70.5	0.2979	0.3040	0.1969	0.4521	-0.0019

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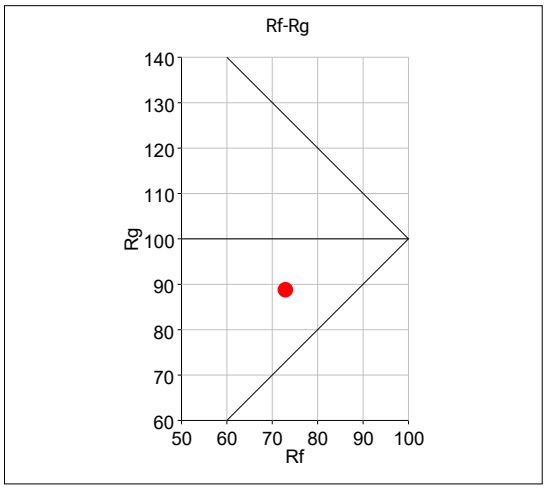
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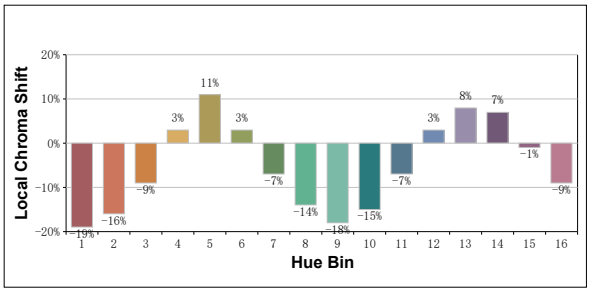
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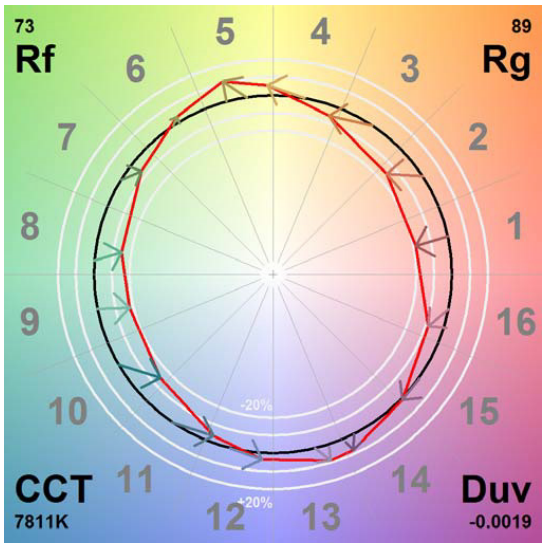
PHOTOMETRIC REPORT — TM-30

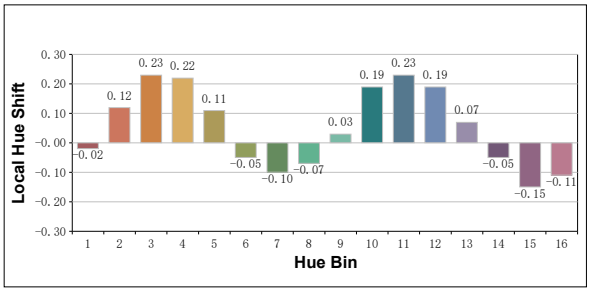
TM-30 Rf (IES TM-30-15 Fidelity Index): 73
TM-30 Rg (IES TM-30-15 Fidelity Index): 89

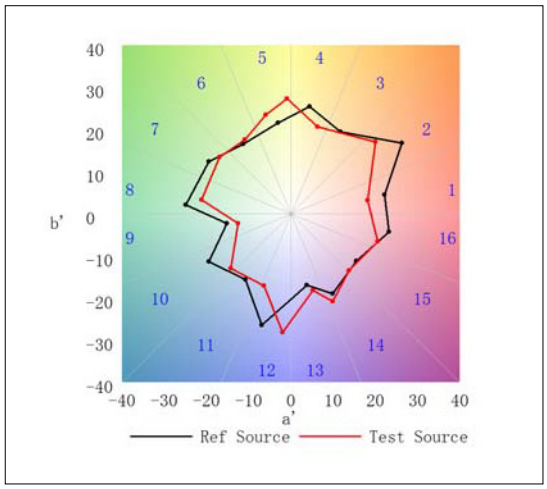
		Graphic shift(%)		
Hue Bin	Hue Angle	Rf	Chroma	Hue
1	0.0° – 22.5°	68	-19	-2
2	22.5° – 45.0°	57	-16	12
3	45.0° – 67.5°	62	-9	23
4	67.5° – 90.0°	61	3	22
5	90.0° – 112.5°	76	11	11
6	112.5° – 135.0°	90	3	-5
7	135.0° – 157.5°	79	-7	-10
8	157.5° – 180.0°	73	-14	-7
9	180.0° – 202.5°	80	-18	3
10	202.5° – 225.0°	62	-15	19
11	225.0° – 247.5°	68	-7	23
12	247.5° – 270.0°	63	3	19
13	270.0° – 292.5°	85	8	7
14	292.5° – 315.0°	83	7	-5
15	315.0° – 337.5°	78	-1	-15
16	337.5° – 360.0°	75	9	-11

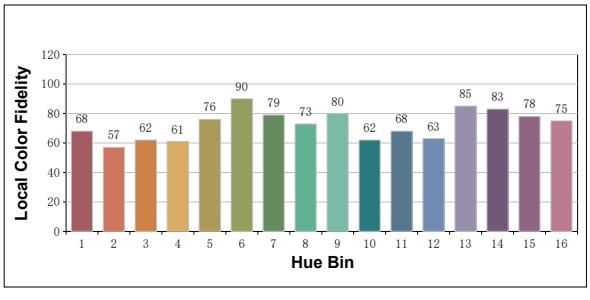












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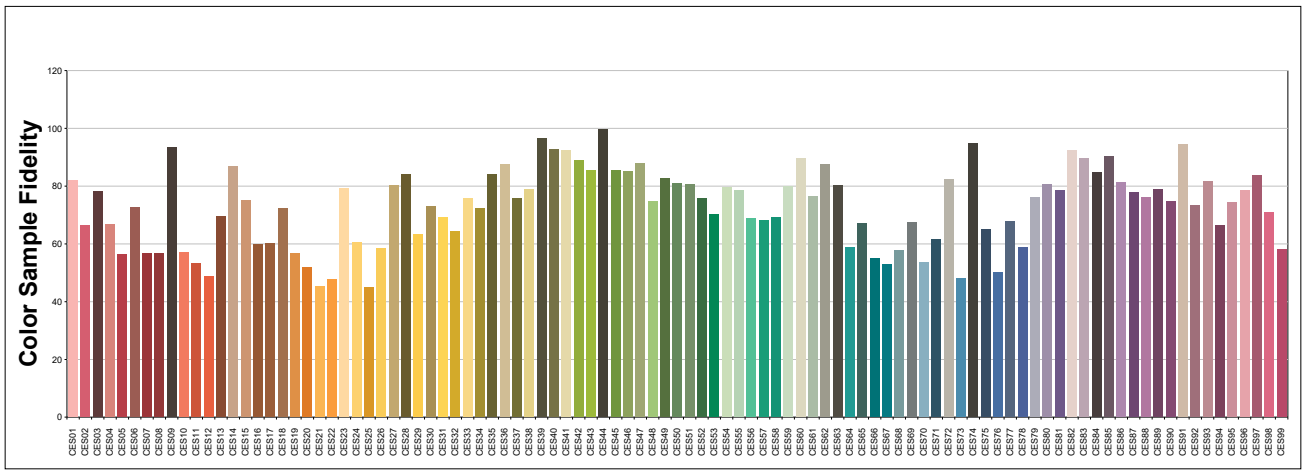
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PHOTOMETRIC REPORT — TM-30

Color Evaluation Sample



PHOTOMETRIC REPORT — TLCI-40.5

Color Evaluation Sample



Sector	Lightness	Chroma	Hue
R	5	4	1
R/Y	0	2	-5
Y	-3	-2	-8
Y/G	-1	-1	1
G	-1	-1	3
G/C	0	1	2
C	1	3	1
C/B	5	0	-8
B	1	-2	-4
B/M	2	-3	2
M	3	-1	4
M/R	5	0	7

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