

AUTOLUX

Smart Integration, Brilliant Transformation

SPEC SHEET



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Acme®

FIXTURE OVERVIEW

- Designed for powerful white washes across large areas, the ACME **AUTOLUX** sets a new standard in performance and control, offering outstanding motion stabilization and creative flexibility.
- Equipped with a 600W LED engine, the fixture delivers a brilliant 24,000 lumens through its 150 mm frontal lens. With a wide zoom range from 11° to 42°, it offers seamless transitions from sharp beams and uniform washes. A crisp 6,200K color temperature delivers stunning clarity, while high CRI ensures accurate and vivid color rendering.
- For creative flexibility, the **AUTOLUX** features a color wheel, a frost filter, and a variable CTO for smooth transitions from warm to cool tones. Four individually controllable shutter blades enable precise beam shaping with soft, smooth edge.
- Engineered for precise pan and tilt movements, the **AUTOLUX** guarantees exceptional accuracy in positioning for dynamic performances. What sets the fixture apart is its power cycle position holding function – a standout innovation that allows the fixture to automatically restore the previous settings upon power-up, even without signal control. In addition, a dedicated repositioning button prevents unintentional movement during transport and storage.
- With its breakthrough positioning technology and no need for console data recall, the **AUTOLUX** is the ultimate “set-and-forget” solution—perfect for auto shows, fashion runways, and other roadshows.



FEATURE HIGHLIGHTS

- LED engine comprised of 600W LED
- 150 mm diameter frontal lens
- Zoom Range: 11°-42°
- Total Lumen Output of Fixture: 24,000 lumens
- Color Temperature Output of Fixture: 6,200K
- Ra≥90
- Color Wheel: 6 colors, plus open
- Variable CTO ranging from 2,700K-6,200K
- Outstanding strobe effect with variable speed
- 1 frost filter
- 4 rotating full blackout framing shutter blades
- with individually controllable; ±60° rotation of the framing system module
- Smooth dimming 0-100% (4 user selectable dimming curves)
- Built-in rechargeable battery for menu setting without an external power supply
- Advanced cooling technology for high-output performance
- Power cycle position holding function
- Free moving mode for outstanding motion stabilization

TECHNICAL SPECIFICATIONS

Model

- Model Name: AUTOLUX
- Model Code: AUTO 600

Light Source

- Light Source: 600W LED engine
- Color Temperature Output of Fixture: 6,200K
- Life Expectancy: 20,000 hours*
- *Source manufacturer specification

Photometric Data

- Light Engine Luminous Output: 30,000 lumens
- Fixture Luminous Output: 24,000 lumens
- CCT: 6,200K (+/- 200K)
- Ra≥90
- TM-30 Rf (IES TM-30-15 Fidelity Index): 90
- TM-30 Rg (IES TM-30-15 Fidelity Index): 100
- TLCI: 90

Optical System

- Zoom Range: 11°-42°
- Diameter of Frontal Lens: 150 mm

Control & Program

- 4 touch button control panel
- Display: LCD display
- Protocols: DMX512, RDM
- Setting and Addressing: Display menu, RDM
- DMX Protocol Modes: 1
- DMX 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

Color Correction

- Variable CTO ranging from 2,700K-6,200K

Color Wheel

- Color Wheel: 6 colors, plus open
- Replaceable color filter in Slot 6

Frost

- 1 frost filter

Framing

- Shutter Blades:
4 blades, each with separate movement
and full blackout
- Rotation: ±60° of the complete framing system

Electrical

- Input Voltage Range: 100-240Vac; 50/60Hz
- Power Consumption: 865W
- Power In/Out: Power connector in/out
- Data In/Out: 3-pin or 5-pin XLR, RJ45 connector

Physical

- Weight: 22 kg (48.5 lbs)
- Length (Head): 402 mm (15.8")
- Length (Base): 350 mm (13.8")
- Width (Across Yoke): 376 mm (14.8")
- Height (Head Up): 592 mm (23.3")

Construction

- Housing: Eco-friendly flame-retardant nylon and fiber
- Color: Black
- Protection Rating: IP20

Work Environment

- Maximum Ambient Temperature: 45°C
- Minimum Operating Temperature: -10°C
- Maximum Surface Temperature: 70°C

Acoustic Data

- Noise Level:
Standard Mode: 45 dB(A) @ 1 m
Quiet Mode: 37 dB(A) @ 1 m

Installation

- Universal working position
- 2 omega brackets
- Safety cable attachment point

Approvals

- CE compliant
EMC directive 2014/30/EU

TECHNICAL SPECIFICATIONS

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 (3002000288-B)

ORDERING INFORMATION

Optional Accessories (With Order Code)

- Flight Case
Standard: Two-pack loader case (63584443)
North American Standard: TBD
- Signal Cable: 3-pin or 5-pin signal Cable
- Safety Cable: SW-05 (2060001603-E)
- Clamp: C-250B (2060001632-B)

Carton Dimensions

- Width: 510 mm (20.1")
- Depth: 485 mm (19.1")
- Height: 675 mm (26.6")
- Weight:
G.W.: 28 kg (61.7 lbs) (one-pack loader carton)



C-250B: 2060001632-B



SW-05: 2060001603-E



3-pin or 5-pin signal cable



Standard : Two-pack loader
case (63584443)

(STANDARD) FLIGHT CASE

APPLICABLE MODELS

- AUTOLUX (AUTO 600)

ORDER CODE

- 63584443 AUTOLUX (AUTO 600)

CASE WEIGHT

- 50 kg (110.2 lbs)

MEAS

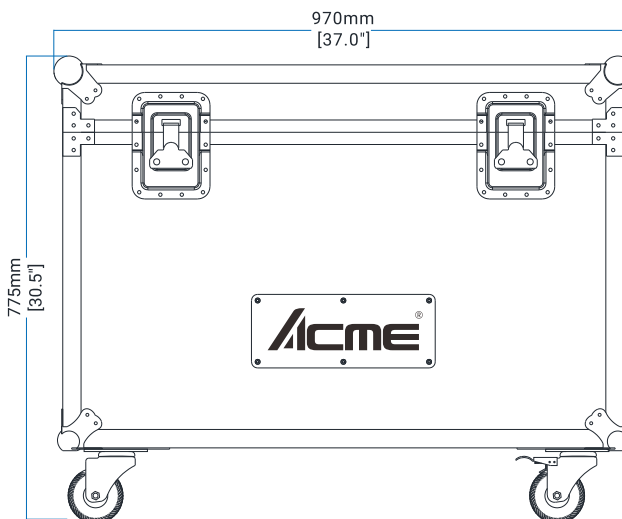
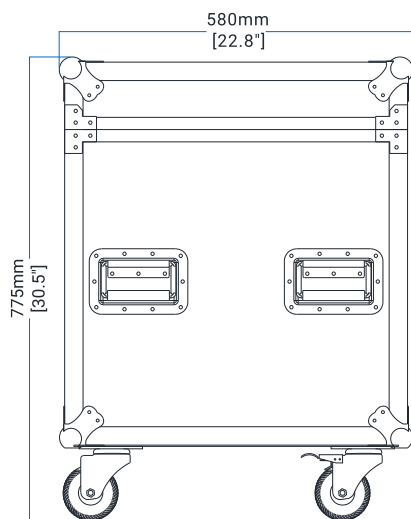
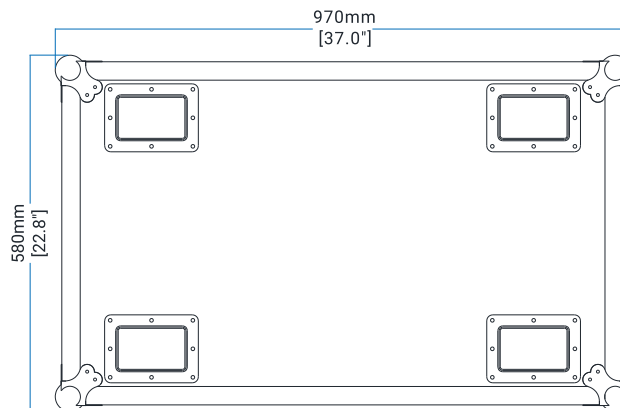
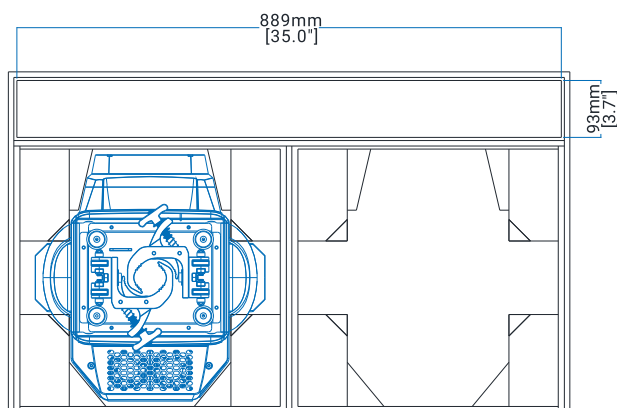
- 940 x 580 x 775 mm (37.0" x 22.8" x 30.5")

LOADING Q'TY

- Two-pack loader case

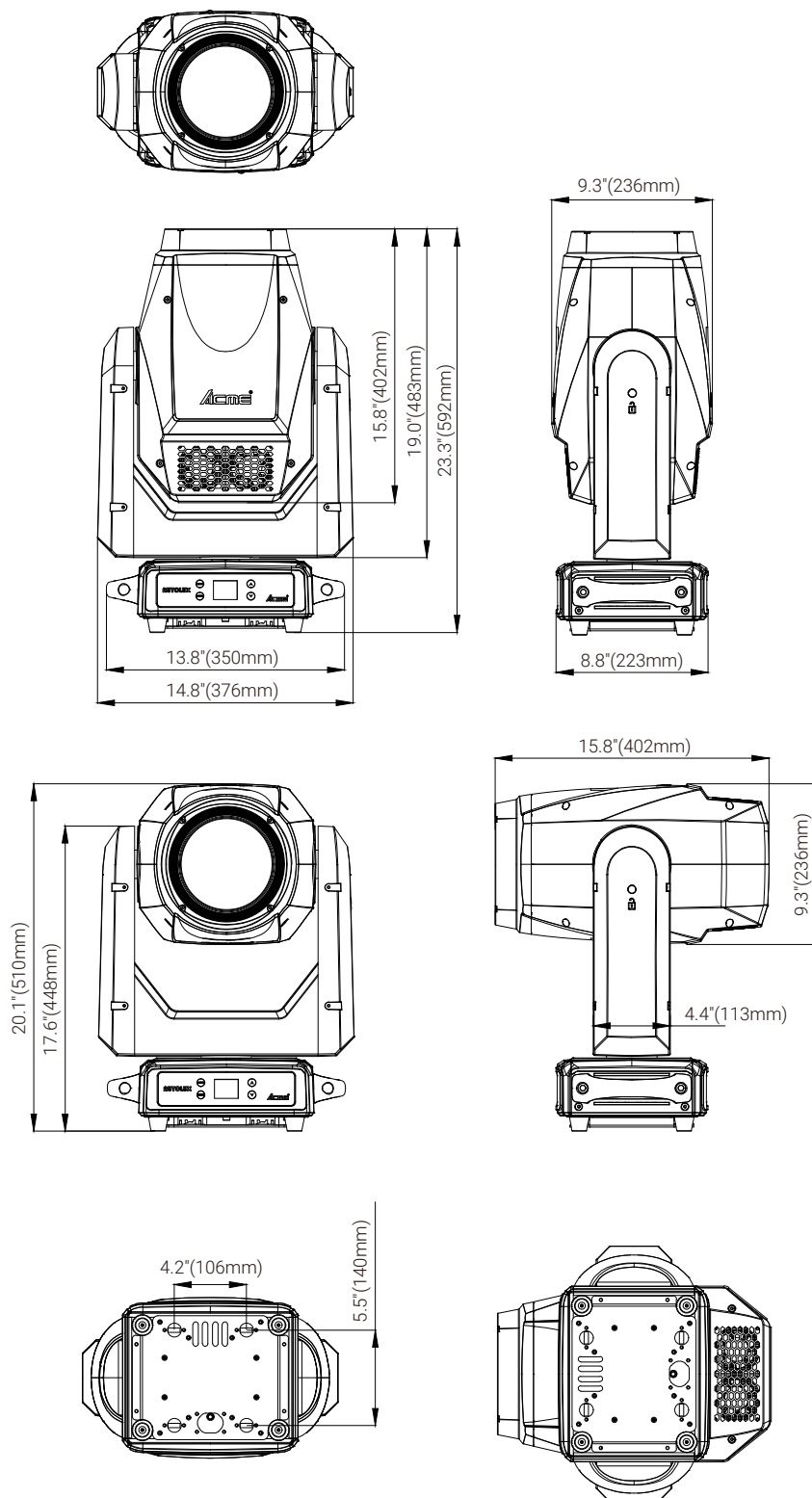
MAXIMUM STACKING

- 2 stacks

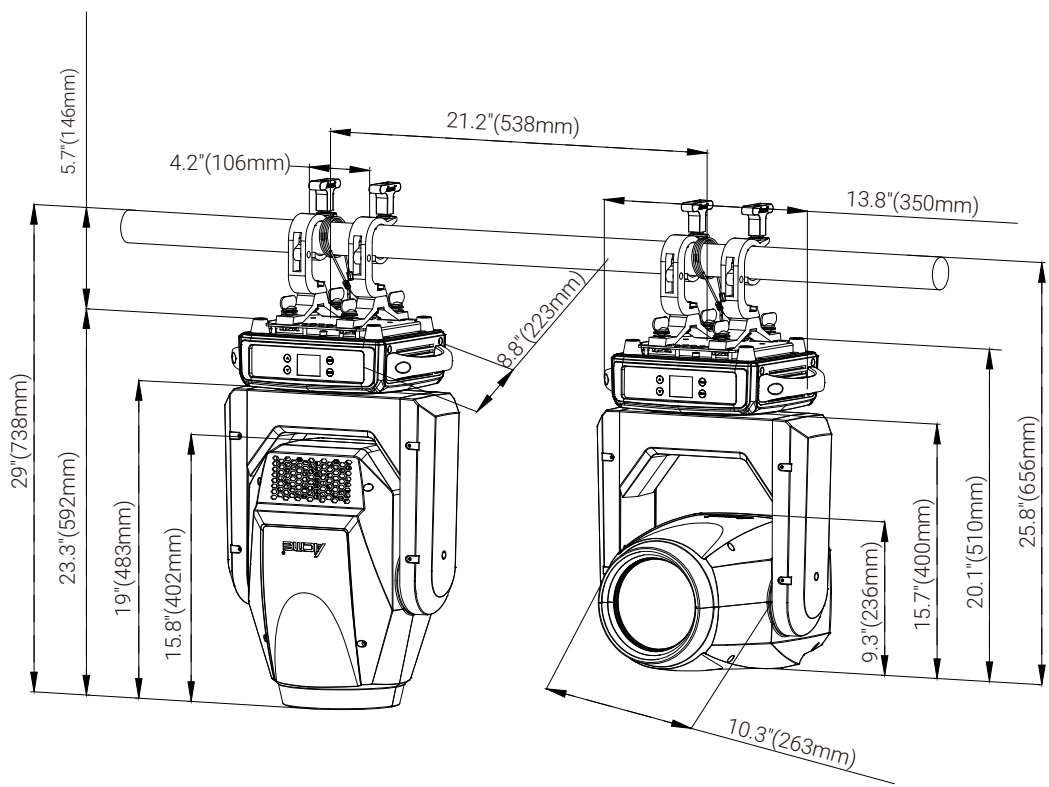


ACME CASE by ACME Version: 20260415-A

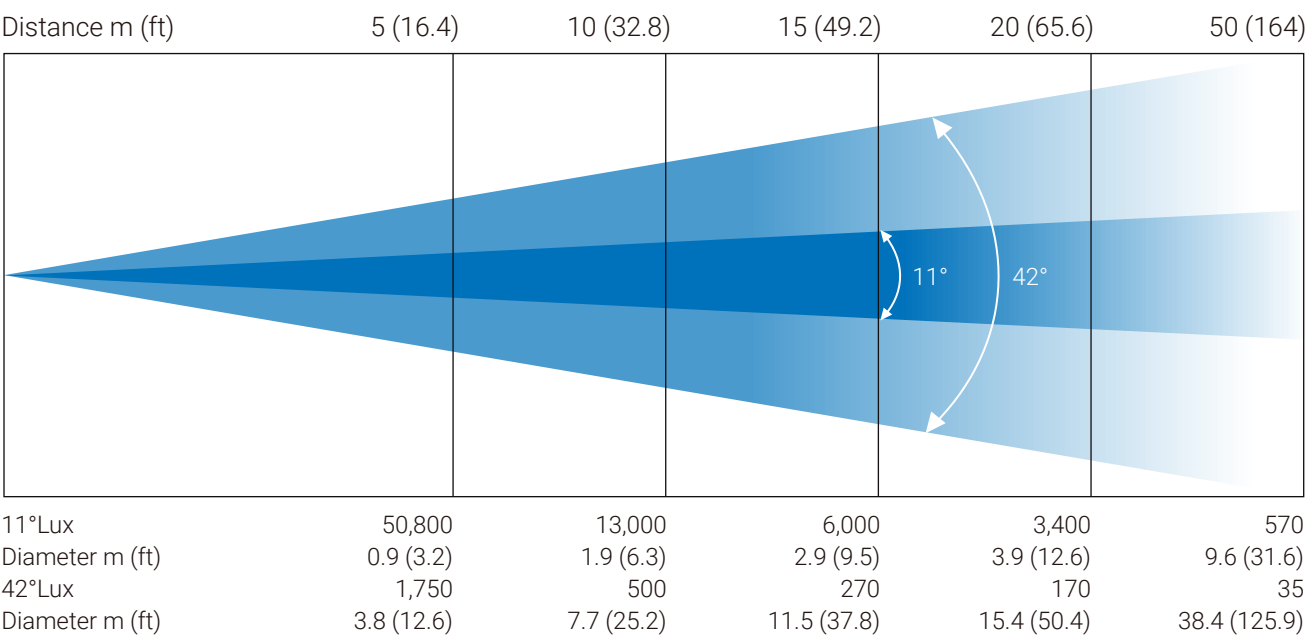
DIMENSIONS



HANGING DIMENSIONS



PHOTOMETRIC

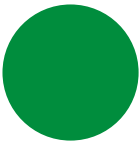


DYNAMIC EFFECTS

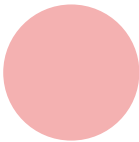
Color Wheel



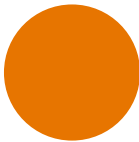
Red
Slot 1



Green
Slot 2



Pink
Slot 3



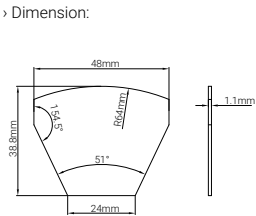
Orange
Slot 4



Blue
Slot 5



UV
Slot 6



Linear CTO Color Correction



2,700K-6,200K

Framing



Framing Module

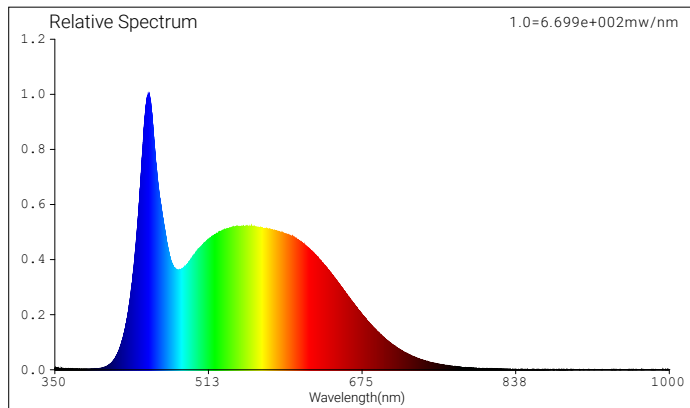
Frost



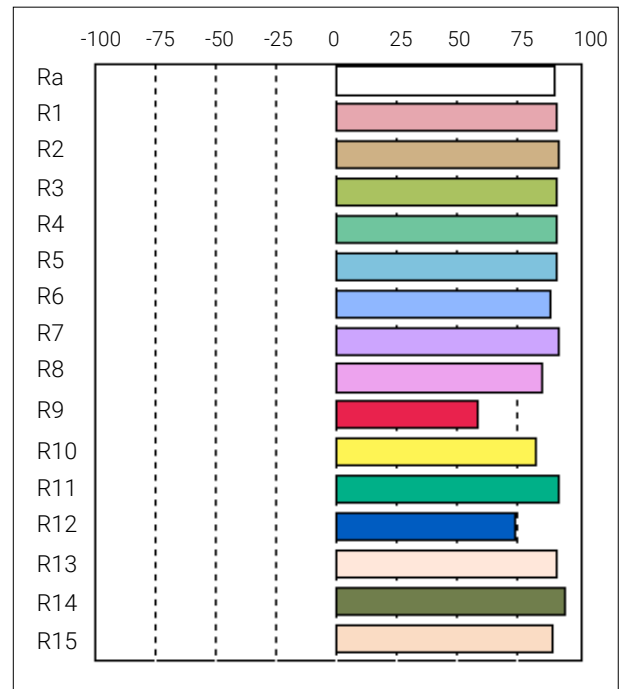
1 Frost Filter

PHOTOMETRIC REPORT – CHROMATICITY

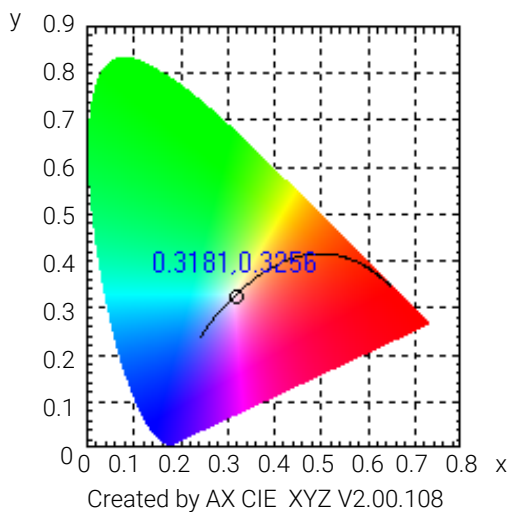
Spectral Distribution



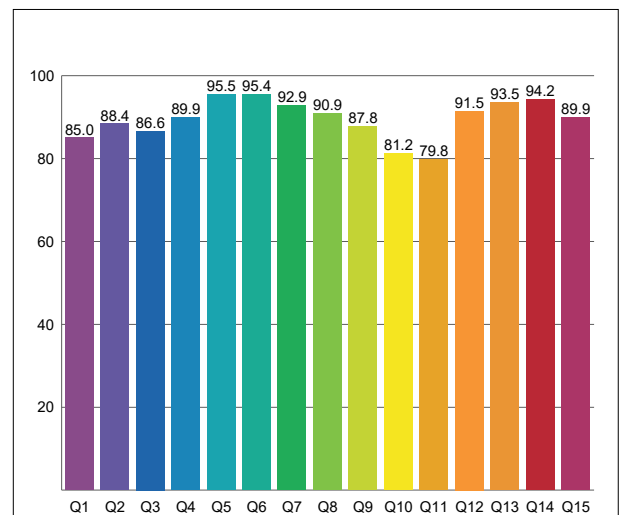
CRI: 91.8(R1-R8)



CIE 1931 EVERFINE



CQS: 90.6(Q1-Q8)



CRI C Values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92.3	93.8	92.9	93.1	92.6	89.7	93.3	86.3	59.6	84.1	93.2	75.1	93.0	96.0	91.3	91.8

TM30 R Values

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92.3	93.8	92.9	93.1	92.6	89.7	93.3	86.3	59.6	84.1	93.2	75.1	93.0	96.0	91.3

CQS Q Values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
85.0	88.4	86.6	89.9	95.5	95.4	92.9	90.9	87.8	81.2	79.8	91.5	93.5	94.2	89.9

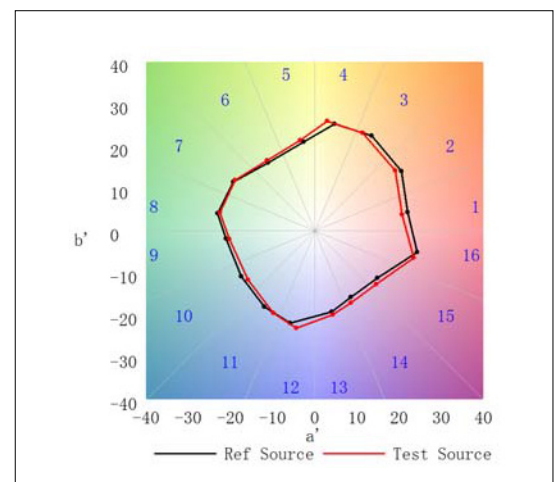
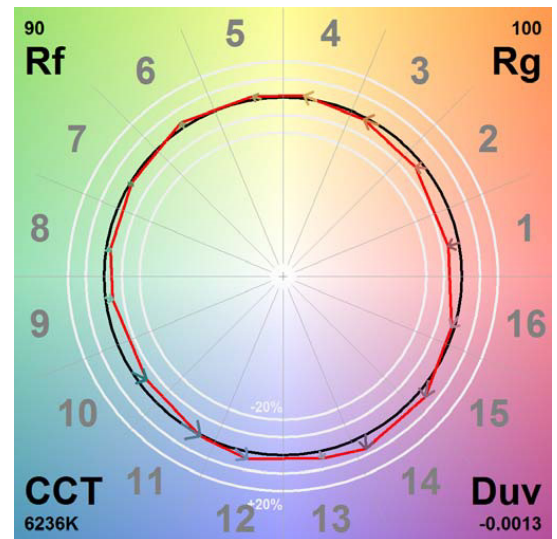
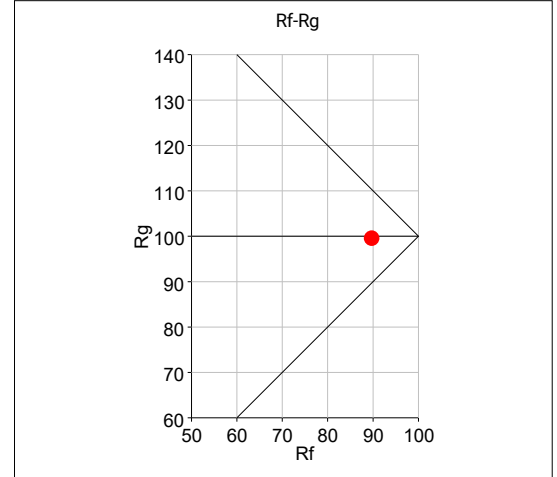
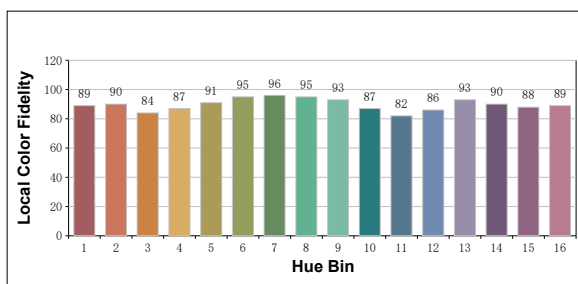
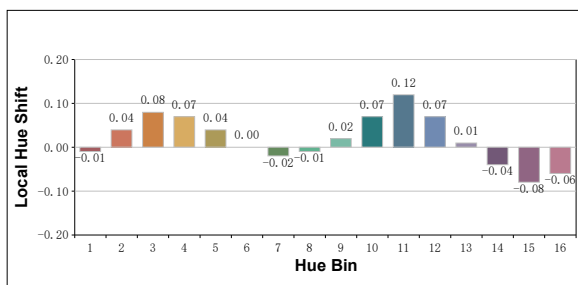
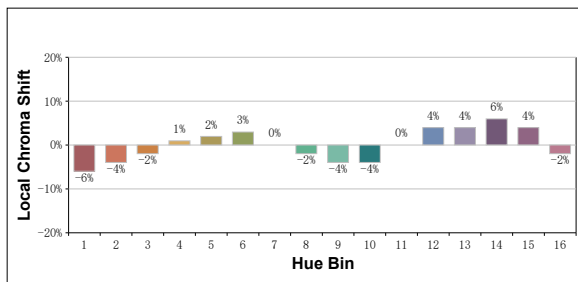
Color temperature	Color rendering index	Color fidelity	Color gamut	Color quality scale	Color coordinate cie 1931	Color coordinate cie 1931	Color coordinate	Color coordinate	Color division from black body
CCT	CRI	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
6,236K	91.8	90	100	90.6	0.3181	0.3256	0.2029	0.4673	-0.0013

PHOTOMETRIC REPORT – TM-30

TM-30 Rf (IES TM-30-18 Fidelity Index): 90

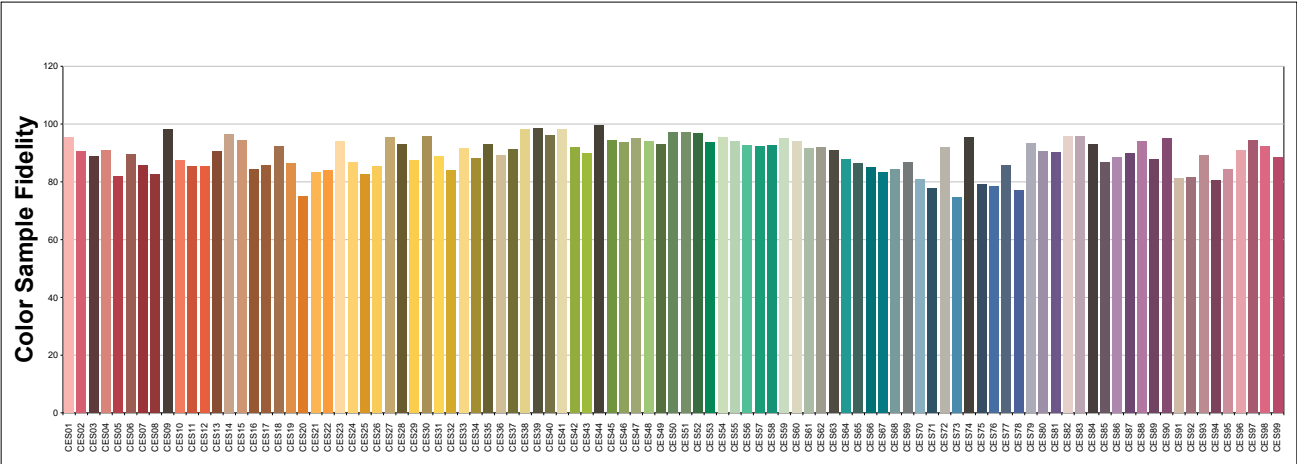
TM-30 Rg (IES TM-30-18 Fidelity Index): 100

Hue Bin	Hue Angle	Graphic shift(%)		
		Rf	Chroma	Hue
1	0.0° – 22.5°	89	-6	-1
2	22.5° – 45.0°	90	-4	4
3	45.0° – 67.5°	84	-2	8
4	67.5° – 90.0°	87	1	7
5	90.0° – 112.5°	91	2	4
6	112.5° – 135.0°	95	3	0
7	135.0° – 157.5°	96	0	-2
8	157.5° – 180.0°	95	-2	-1
9	180.0° – 202.5°	93	-4	2
10	202.5° – 225.0°	87	-4	7
11	225.0° – 247.5°	82	0	12
12	247.5° – 270.0°	86	4	7
13	270.0° – 292.5°	93	4	1
14	292.5° – 315.0°	90	6	-4
15	315.0° – 337.5°	88	4	-8
16	337.5° – 360.0°	89	-2	-6



PHOTOMETRIC REPORT – TM-30

Color Evaluation Sample



PHOTOMETRIC REPORT – TLCI-90



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