

# HYPERZONE

*Brightest in Class Outdoor Washbeam*

**SPEC SHEET**



Foshan YiFeng Electric Industrial Co.,Ltd.

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## FIXTURE OVERVIEW

- The ACME **HYPERZONE** is a next-generation moving LED wash beam light, driven by 7 x 150W RGBL LEDs, delivering vibrant, saturated colors that stand out on any stage.
- With individual pixel control and built-in color macros, you can craft additional layers of creativity with ease. Designed for ultimate flexibility, the **HYPERZONE** features a variable beam angle of 3° to 32° and a field angle of 4.8° to 45°, offering both tight, punchy beams and wide, soft washes.
- A variable CTO enables seamless transitions from cool to warm temperatures for natural color rendering. Fast and precise pan/tilt movement adds dynamic energy to your show. While its IP66 rating ensures reliable performance in all weather conditions with minimal maintenance.
- Redefining what a wash light can be, the ACME **HYPERZONE** delivers high performance and vibrant visuals—wherever your vision takes you.



## FEATURE HIGHLIGHTS

- LED engine comprised of 7 x 150W RGBL LEDs
- Individual pixel control
- Beam Angle: 3°-32°
- Field Angle: 4.8°-45°
- Fixture Luminous Output: 19,500 lumens
- Color Temperature Output: 8,000K
- Sharp and saturated beam effects
- Variable CTO ranging from 2,500K-8,000K
- Dimming frequency from 900Hz to 25,000Hz
- Smooth dimming 0-100%  
(4 user selectable dimming curves)
- Outstanding color macro effects
- Excellent color mixing
- IP66 rated

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## TECHNICAL SPECIFICATIONS

### Light Source

- Light Source: 7 x 150W RGBL LEDs
- Color Temperature Output of Fixture: 8,000K
- Life Expectancy: 20,000 hours
- \*Source manufacturer specification

### Photometric Data

- Fixture Luminous Output: 19,500 lumens
- CCT: 8,000K (+/- 200K)
- Ra: 86
- TM-30 Rf (IES TM-30-15 Fidelity Index): 88
- TM-30 Rg (IES TM-30-15 Fidelity Index): 106
- TLCI: 90
- Peak Luminous Intensity: 2,319,000 cd

### Optical System

- Beam Angle: 3°-32°
- Field Angle: 4.8°-45°

### Control & Program

- 4 touch button control panel
- Display: LCD display
- Protocols: DMX512, RDM, Art-Net, sACN
- DMX Protocol Modes: 4
- Control Channels: 19/20/41/42
- Firmware Upgrade: Upgrade via DMX link or USB stick

### Pan & Tilt

- Pan Movement: 540°
- Tilt Movement: 215°
- Automatic Pan/Tilt position correction
- Resolution: 16 bit
- Fixation: Pan/Tilt lock

### Color Correction

- Linear CTO Color Correction: 2,500K-8,000K

### Electrical

- Input Voltage Range: 100-240Vac; 50/60Hz
- Power Consumption: 1,370W
- Power In/Out: Waterproof power connector in/out
- Data In/Out: 3-pin or 5-pin waterproof XLR, RJ45 connector

### Physical

- Weight: 26.3 kg (58.0 lbs)
- Length (Head): 304 mm (12.0")
- Length (Base): 380 mm (15.0")
- Width (Across Yoke): 374 mm (14.7")
- Height (Head Up): 500 mm (19.7")

### Construction

- Housing: Magnesium alloy
- Color: Black
- Protection Rating: IP66

### Work Environment

- Maximum Ambient Temperature: 40°C
- Minimum Operating Temperature: -10°C
- Maximum Surface Temperature: 75°C

### Acoustic Data

- Noise Level:  
Standard Mode: 50 dB(A) @ 1 m  
Quiet Mode: 36 dB(A) @ 1 m

### Installation

- Universal working position
- 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
- cETLus compliant
- UL 1573
- CSA C22.2 #166



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## 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 (63584070)
  - North American Standard :  
Three-pack loader case (63584124)
- Signal Cable:
  - 3-pin waterproof signal cable (3017013468) or
  - 5-pin waterproof signal cable (3017013473)
- Safety Cable: SW-05 (2060001603-E)
- Clamp: C-250B (2060001632-B)

### Carton Dimensions

- Width: 490 mm (19.3")
- Depth: 450 mm (17.7")
- Height: 675 mm (26.6")
- Weight:  
G.W.: 32 kg (70.6 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): 63584070

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## (STANDARD) FLIGHT CASE

### APPLICABLE MODELS

- HYPERZONE (CM 7 IP)

### ORDER CODE

- 63584070 HYPERZONE (CM 7 IP)

### CASE WEIGHT

- 46 kg (101.5 lbs)

### MEAS

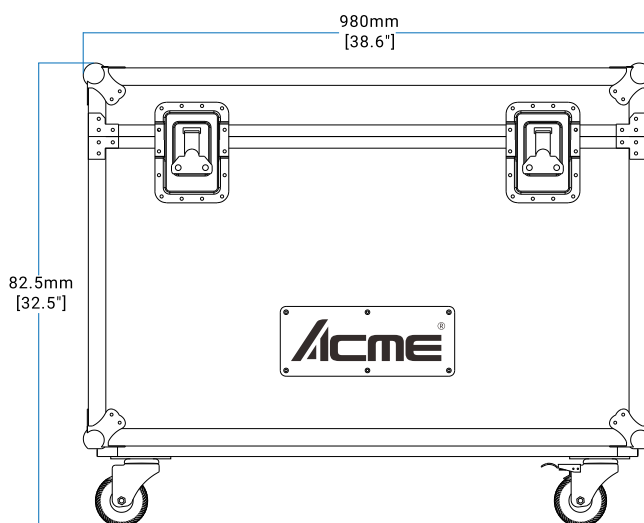
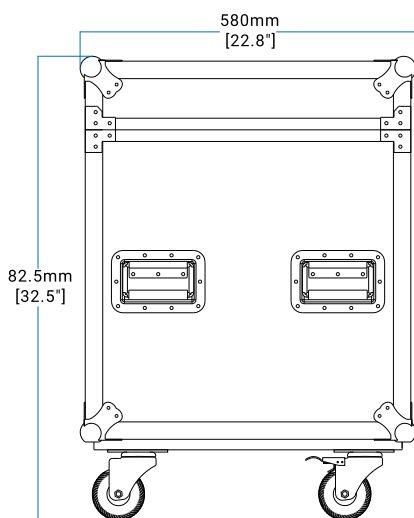
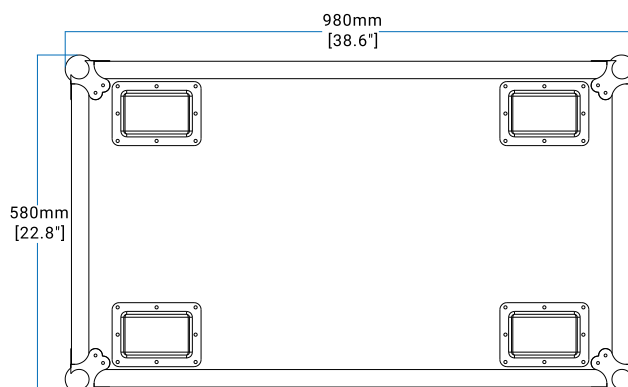
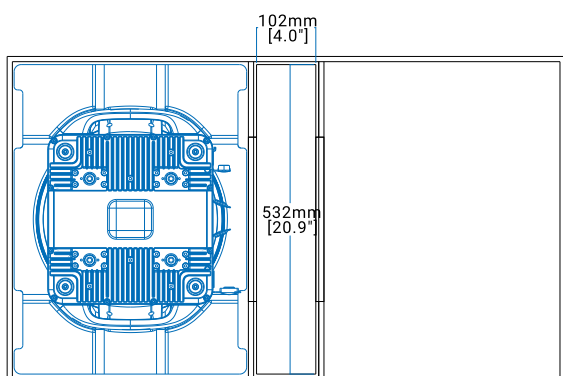
- 980 x 580 x 825 mm (38.6" x 22.8" x 32.5")

### LOADING Q'TY

- Two-pack loader case

### MAXIMUM STACKING

- 2 stacks



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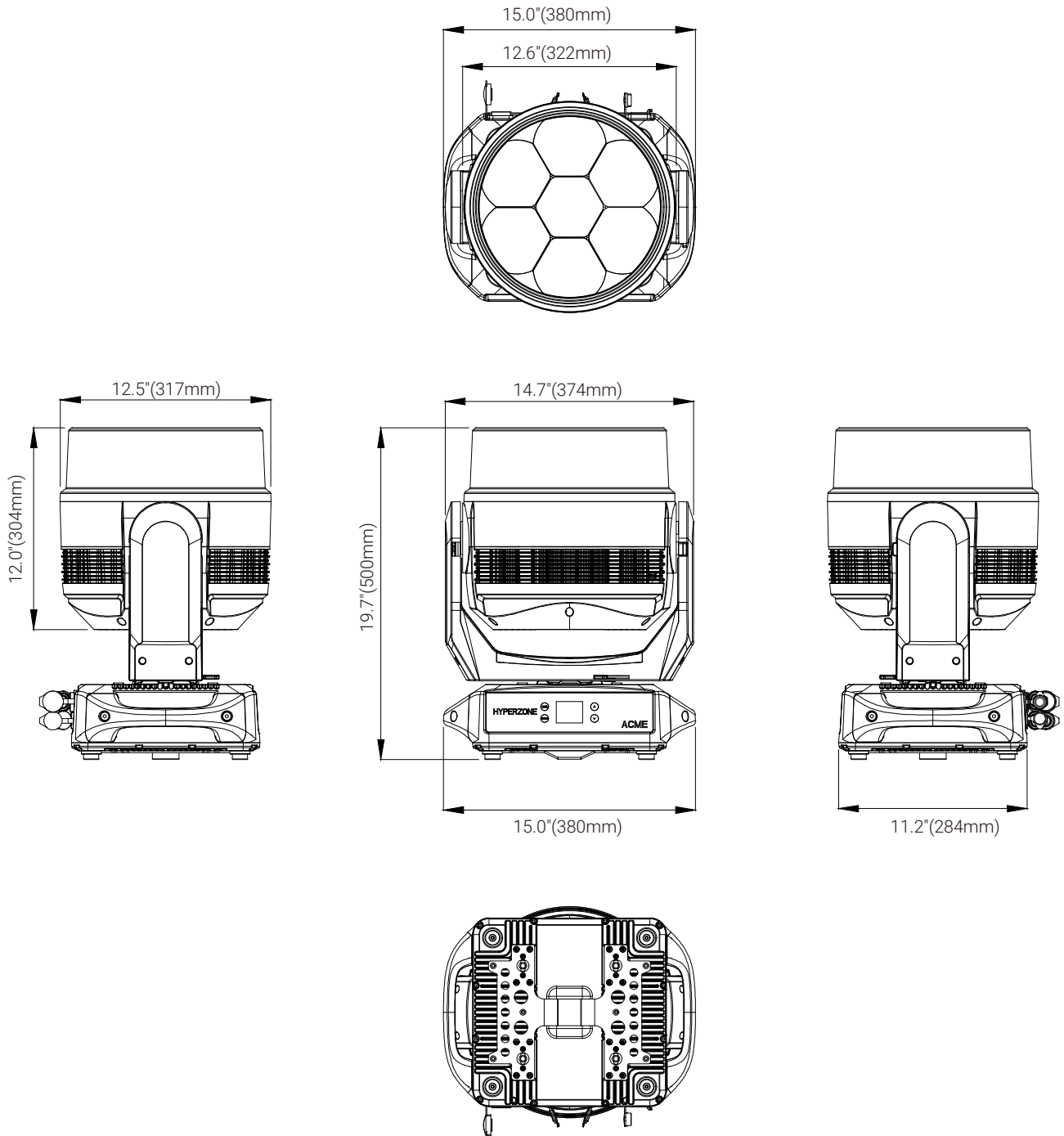


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## DIMENSIONS



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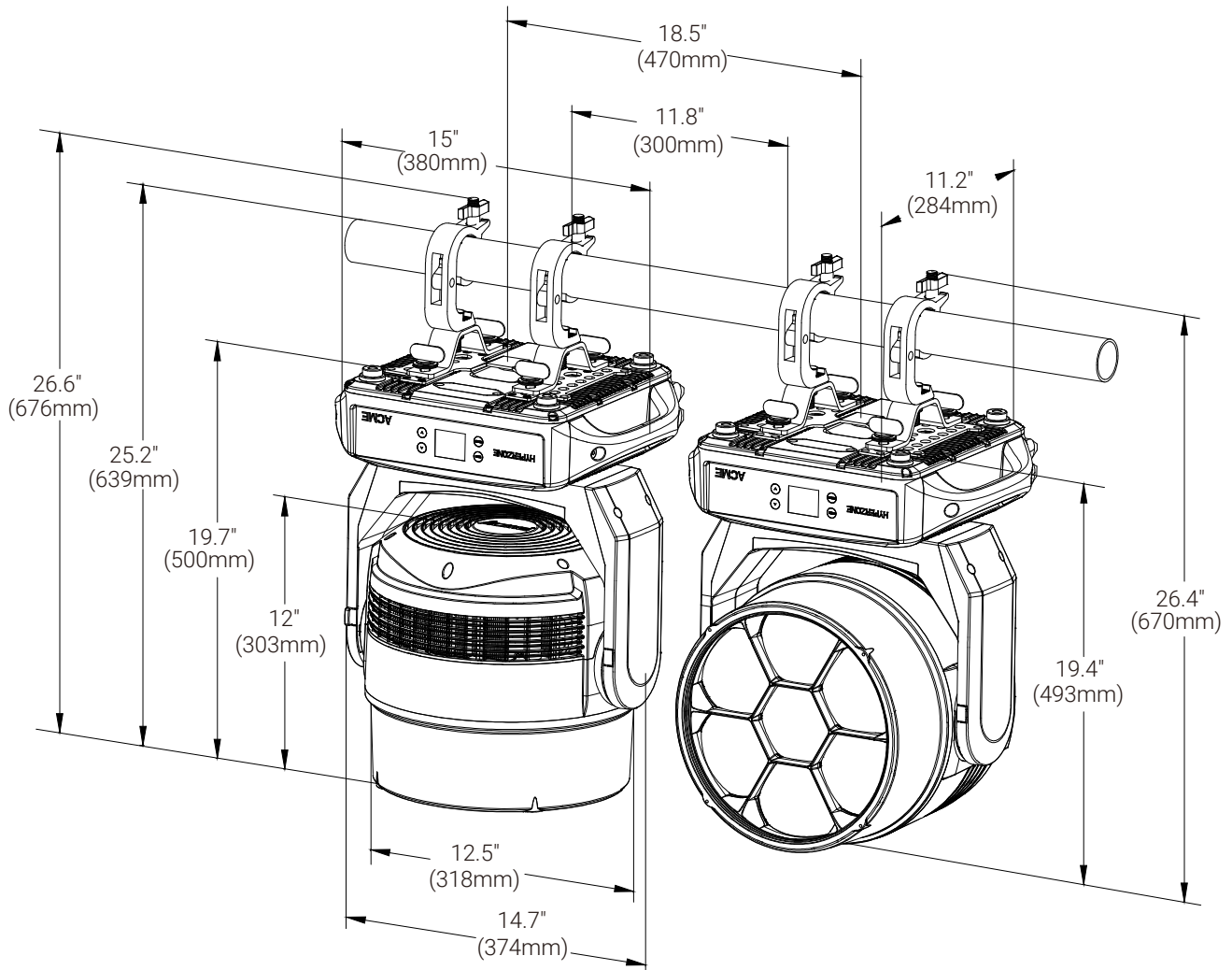
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## HANGING DIMENSIONS



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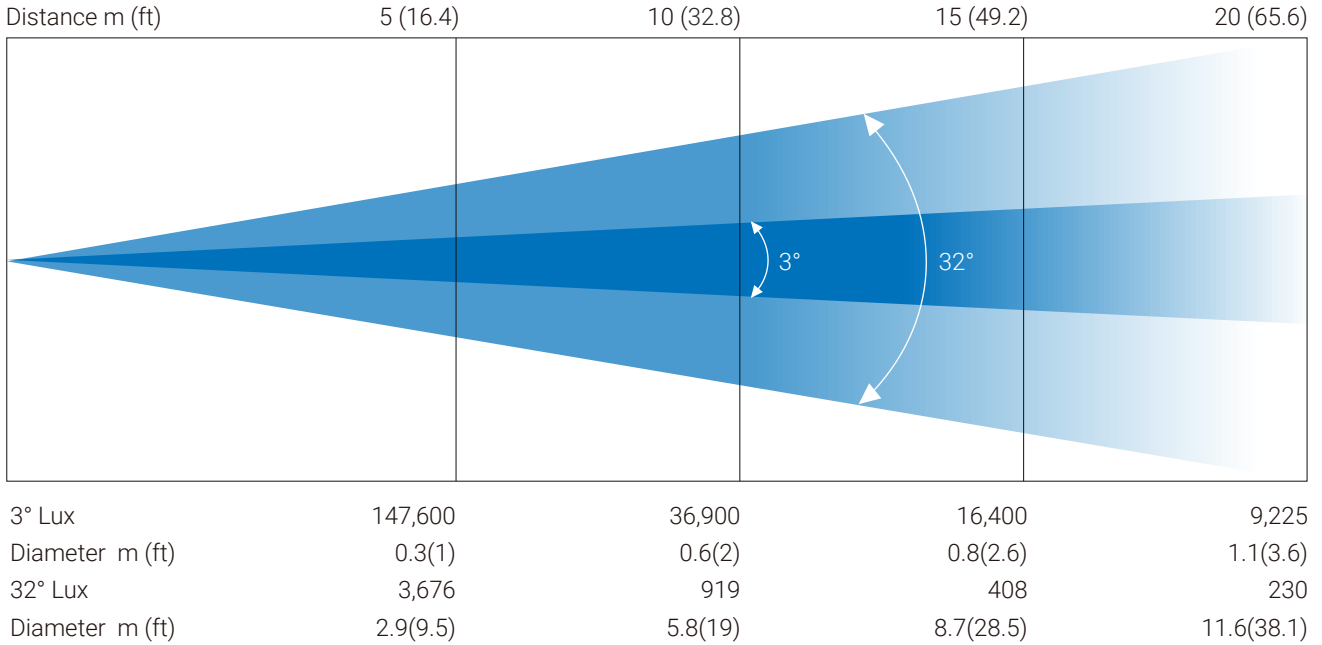
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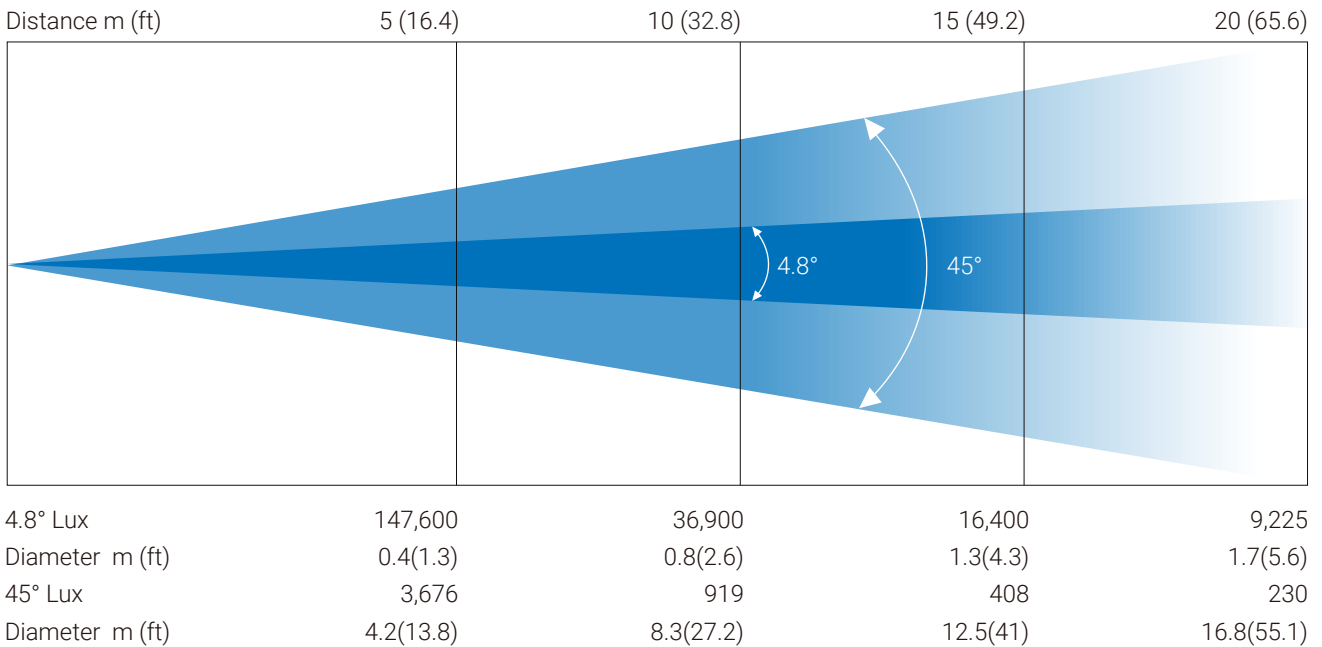
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## PHOTOMETRIC

### Beam Angle:



### Field Angle:



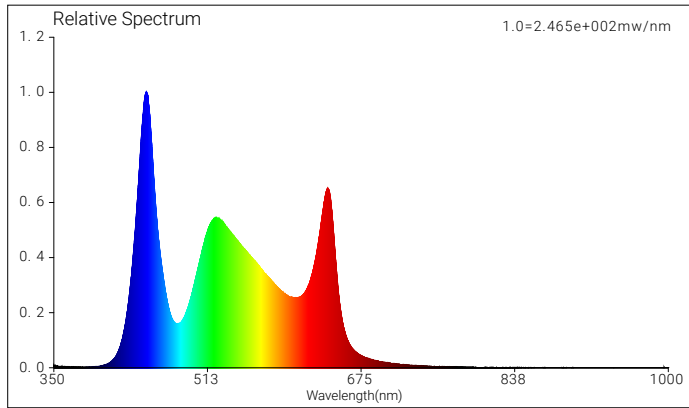
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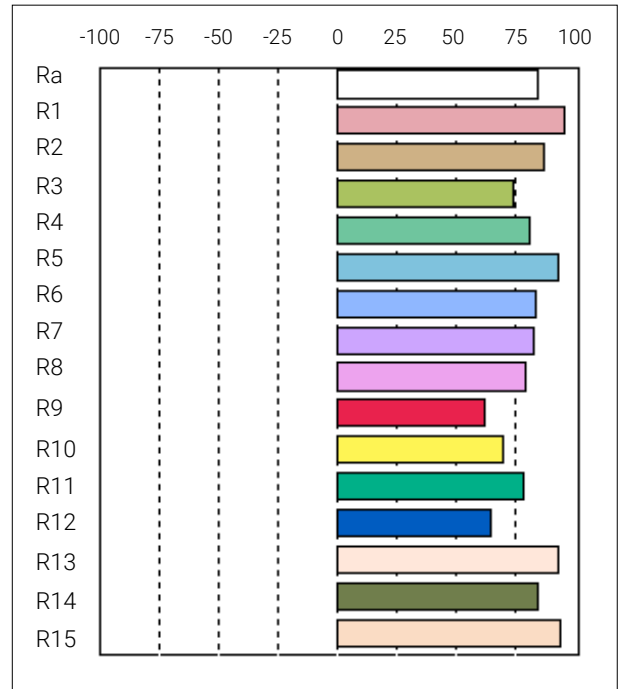
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## PHOTOMETRIC REPORT – CHROMATICITY

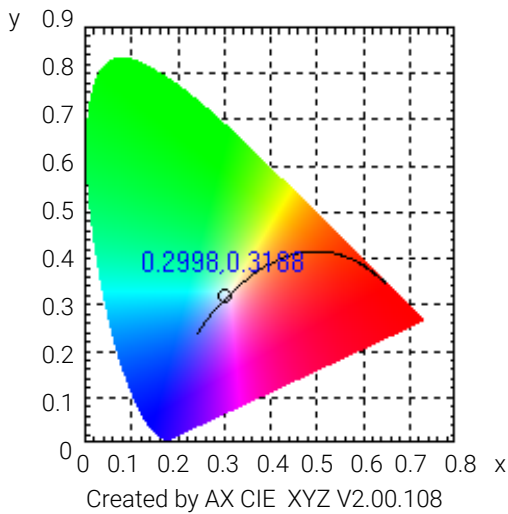
### Spectral Distribution



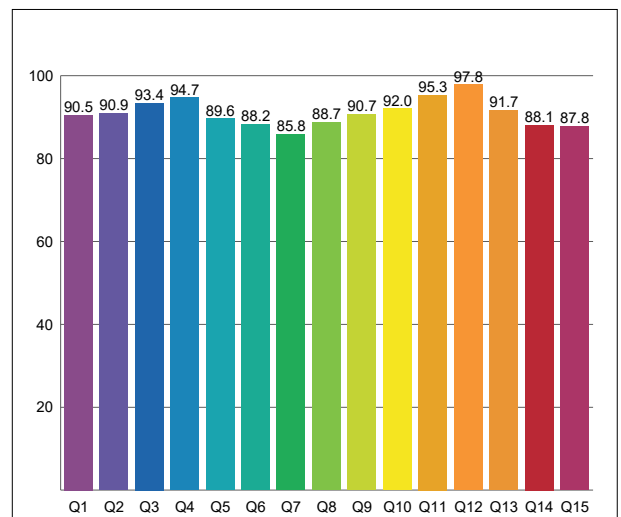
### CRI: 85.9 (R1-R8)



### CIE 1931 EVERFINE



### CQS: 90.2 (Q1-Q8)



#### CRI C Values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
97.2	88.2	75.5	82.1	94.5	84.7	84.0	80.7	63.7	71.4	79.6	66.3	94.7	86.1	95.7	85.9

#### TM30 R Values

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.2	88.2	75.5	82.1	94.5	84.7	84.0	80.7	63.7	71.4	79.6	66.3	94.7	86.1	95.7

#### CQS Q Values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
90.5	90.9	93.4	94.7	89.6	88.2	85.8	88.7	90.7	92.0	95.3	97.8	91.7	88.1	87.8

#### 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 coordinate
CCT	CRI	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Color diviation from black body
7,386K	85.9	88	106	90.2	0.2998	0.3188	0.1926	0.4609	0.0047

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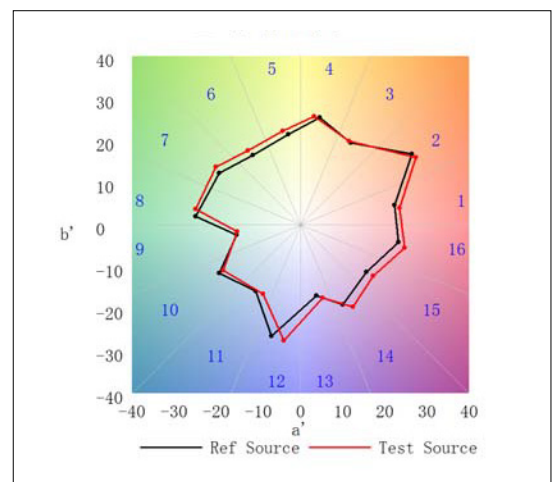
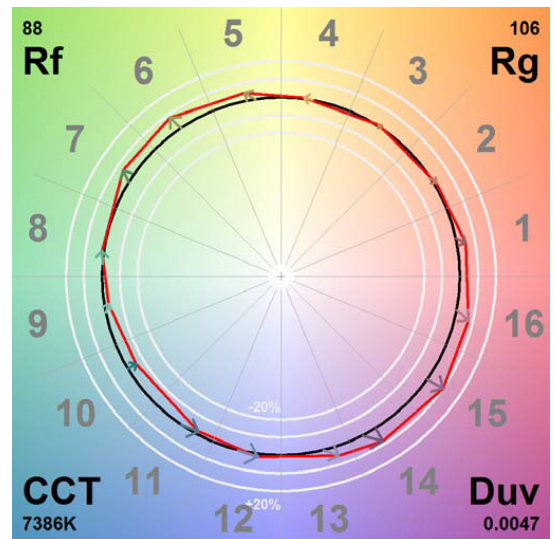
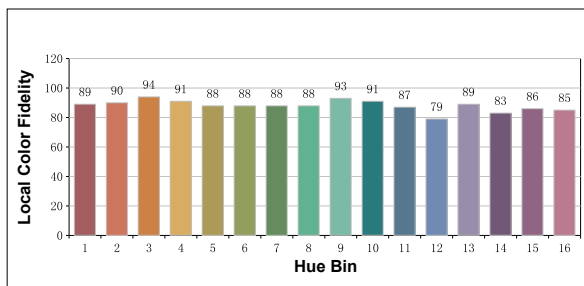
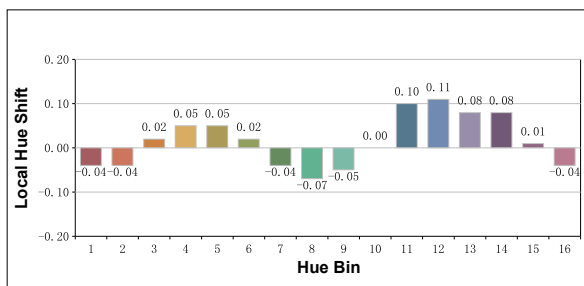
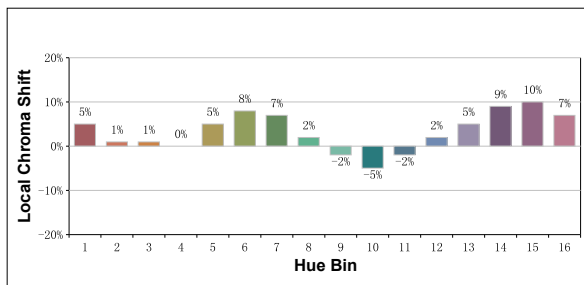
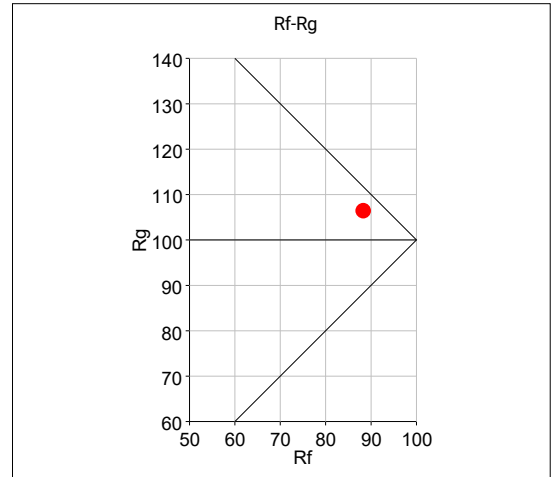
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## PHOTOMETRIC REPORT – TM-30

TM-30 Rf (IES TM-30-15 Fidelity Index): 88

TM-30 Rg (IES TM-30-15 Fidelity Index): 106

Hue Bin	Hue Angle	Graphic shift(%)		
		Rf	Chroma	Hue
1	0.0° – 22.5°	89	5	-4
2	22.5° – 45.0°	90	1	-4
3	45.0° – 67.5°	94	1	2
4	67.5° – 90.0°	91	0	5
5	90.0° – 112.5°	88	5	5
6	112.5° – 135.0°	88	8	2
7	135.0° – 157.5°	88	7	-4
8	157.5° – 180.0°	88	2	-7
9	180.0° – 202.5°	93	-2	-5
10	202.5° – 225.0°	91	-5	0
11	225.0° – 247.5°	87	-2	10
12	247.5° – 270.0°	79	2	11
13	270.0° – 292.5°	89	5	8
14	292.5° – 315.0°	83	9	8
15	315.0° – 337.5°	86	10	1
16	337.5° – 360.0°	85	7	-4



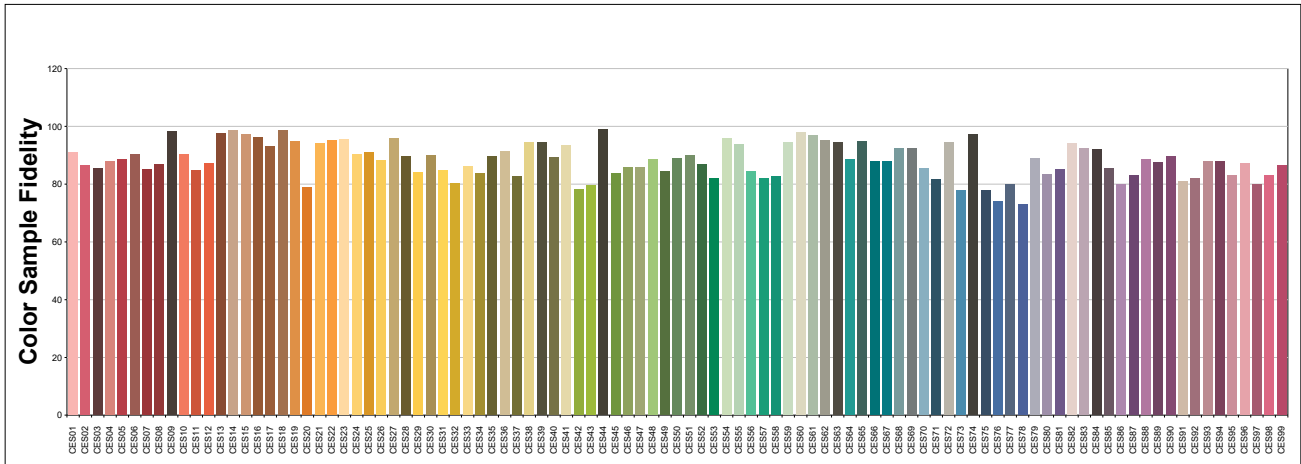
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## PHOTOMETRIC REPORT – TM-30

### Color Evaluation Sample



## PHOTOMETRIC REPORT – TLCI-90

### Color Evaluation Sample



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