SANA PROFILE

Compact Power, Unlimited Creativity

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 **SANA PROFILE** is the newest addition to the SANA series, combining the key features of the MANA series and LYRA into a compact moving profile. Designed for infinite motion and ultimate versatility, the fixture empowers designers to explore limitless creative possibilities.

- Equipped with a 330W LED engine, the **SANA PROFILE** delivers up to 15,000 lumens at a crisp 7,000K color temperature. Its 150 mm frontal lens produces stunningly clear beams. With a remarkable 14:1 zoom ratio and a wider zoom range from 3.9° to 50°, the fixture offers precise control and greater flexibility than LYRA, adapting effortlessly to diverse applications.

- To enhance creative possibilities, the **SANA PROFILE** features a CMY color mixing system for smooth color transitions, a variable CTO from 2,700K to 7,000K, and a six-color wheel for saturated colors. The effect section includes 9 static gobos, 7 rotating gobos, a graphic animation wheel, and two combinable prisms for layered aerial effects. Dual frost filters enable seamless transitions from sharp beams to soft, even washes. The framing system features 4 individually controllable shutter blades with ±90° rotation, allowing precise beam shaping and instant full blackout.

- Compact yet uncompromising, the IP66-rated **SANA PROFILE** delivers power, versatility, and visual impact in a smaller footprint. It is the ultimate solution for designers seeking complete creative freedom.

FEATURE HIGHLIGHTS

- LED engine comprised of 330W LED
- 150 mm diameter frontal lens
- Zoom Range: 3.9°-50°
- Fixture Luminous Output:
  Auto Mode: 15,000 lumens
  Quiet Mode: 11,000 lumens
  Super Quiet Mode: 7,800 lumens
- CCT: 6,700K
- Standard Mode: Ra≥70, HCRI Mode: Ra≥90
- Linear CMY color mixing
- Variable CTO ranging from 2,700K-6,700K
- 1 Color Wheel: 6 colors + CRI, plus open
- 1 Static Gobo Wheel: 9 gobos, plus open
- 1 Rotating Gobo Wheel: 7 gobos, plus open
- 1 interchangeable graphic animation wheel with continuous rotation in both directions, used alone or in combination with gobos to create the splendid water wave & flame effect
- 1 x 4-facet circular prism and 1 x 4-facet linear prism
- 1° diffusion and 5° diffusion
- 4 rotating full blackout framing shutter blades with individually controllable; ±90° rotation of the framing system module
- Smooth dimming 0-100% (4 user selectable dimming curves)
- Outstanding strobe effect with variable speed
- Flicker-free management
- IP66 rated

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TECHNICAL SPECIFICATIONS

Model
· Model Name: SANA PROFILE
· Model Code: XA 300 BSWF IP

Light Source
· Light Source: 330W LED engine
· Life Expectancy: 20,000 hours*
*Source manufacturer specification

Photometric Data
· Fixture Luminous Output:
Auto Mode: 15,000 lumens
Quiet Mode: 11,000 lumens
Super Quiet Mode: 7,800 lumens
· CCT: 6,700K
· Standard Mode: Ra≥70, HCRI Mode: Ra≥90
· TM-30 Rf (IES TM-30-15 Fidelity Index): 73
· TM-30 Rg (IES TM-30-15 Fidelity Index): 93
· TLCL: 48
· Peak Luminous Intensity: 2,898,000 cd

Optical System
· Diameter of Frontal Lens: 150 mm
· Zoom Range: 3.9°-50°

Control & Program
· 4 touch button control panel
· Display: LCD display
· Protocols: DMX, RDM, Art-Net, NFC
· Setting and Addressing: Display menu, RDM
· DMX Modes: 4
· DMX Channels: 27/36/36/45
· Firmware Upgrade: Upgrade via DMX link or USB stick

Pan & Tilt
· Pan: Infinity
· Tilt: Infinity
· Automatic Pan/Tilt position correction
· Resolution: 16 bit
· Pan/Tilt lock

Color Mixing
· Linear CMY color mixing

Color Correction
· Linear CTO Color Correction: 2,700K-6,700K

Color Wheel
· 1 Color Wheel: 6 colors + CRI, plus open

Static Gobo Wheel
· 1 Static Gobo Wheel: 9 gobos, plus open
· Gobo
Image Diameter: 10.5 mm (0.4")
External Diameter: 20 mm (0.8")
Coating: Black high-temp resistant coating
Material: Borofloat glass

Rotating Gobo Wheel
· 1 Rotating Gobo Wheel: 7 gobos, plus open
· Gobo
Image Diameter: 12 mm (0.5")
External Diameter: 20 mm (0.8")
Coating: Black high-temp resistant coating
Material:
Slot 1-6: Borofloat glass
Slot 7: Borosilicate glass

Gobo Animation
· 1 interchangeable graphic animation wheel with continuous rotation in both directions, used alone or in combination with gobos to create the water and flame effect

Framing
· Shutter Blades: 4 blades, each with separate movement and full blackout
· Rotation: ±90° of the complete framing system

Iris
· Motorized linear Iris

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Frost
· 1° diffusion and 5° diffusion

Focus
· Motorized focus system

Prism
· 2 Combinable Rotating and Indexable Prisms:
1 x 4-facet circular prism, 1 x 4-facet linear prism, rotatable and overlayable in both directions

Electrical
· Input Voltage Range: 100-240Vac; 50/60Hz
· Power Consumption: 570W
· Power In/Out: Waterproof power connector in/out
· Data In/Out:
3-pin or 5-pin waterproof XLR, waterproof RJ45 connector

Physical
· Weight: 26 kg (57.3 lbs)
· Length (Head): 427 mm (16.8”)
· Length (Base): 332 mm (13.1”)
· Width (Across Yoke): 336 mm (13.2”)
· Height (Head Up): 582 mm (22.9”)

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: 75°C

Acoustic Data
· Noise Level
Auto Mode: 39 dB(A) @ 1m
Quiet Mode: 35 dB(A) @ 1m
Super Quiet Mode: 34 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
· cETLus compliant
UL 1573
CSA C22.2 #166
· UKCA compliant

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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 (63584353)
North American Standard:
Three-pack loader case (63584381)
· Clamp: : C-250B (2060001632-B)
· Signal Cable:
3-pin waterproof signal cable (3017013468) or
5-pin waterproof signal cable (3017013473)
· Safety Cable: SW-05 (2060001603-E)

Carton Dimensions

· Width: 550 mm (21.7")
· Depth: 455 mm (17.9")
· Height: 665 mm (26.2")
· Weight:
G.W.: 32 kg (70.6 lbs) (one-pack loader carton)



C-250B: 2060001632-B



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



SW-05: 2060001603-E



Standard(Two-pack loader case): 63584353

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(STANDARD) FLIGHT CASE

APPLICABLE MODELS

- SANA BEAM (XA 300 BEAM IP)
- SANA PROFILE (XA 300 BSWF IP)

ORDER CODE

- 63584352 SANA BEAM (XA 300 BEAM IP)
- 63584353 SANA PROFILE (XA 300 BSWF IP)

CASE WEIGHT

- 46 kg (101.4 lbs)

MEAS

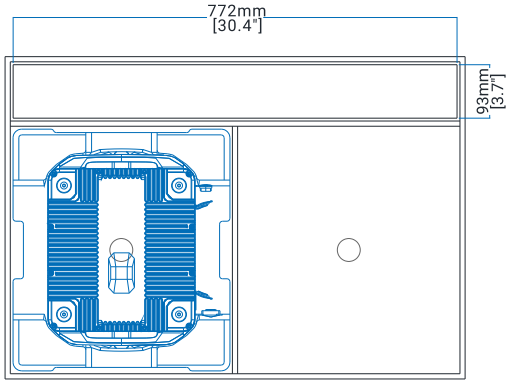
- 820 x 580 x 880 mm (32.3" x 22.8" x 34.6")

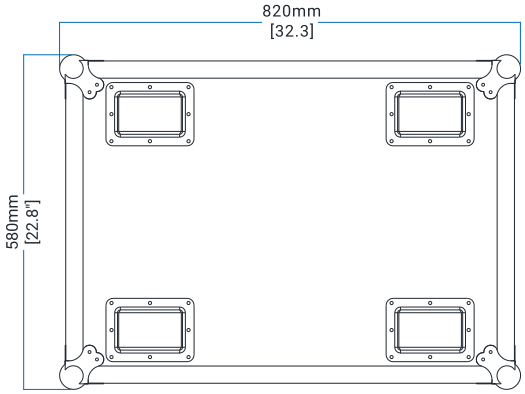
LOADING Q'TY

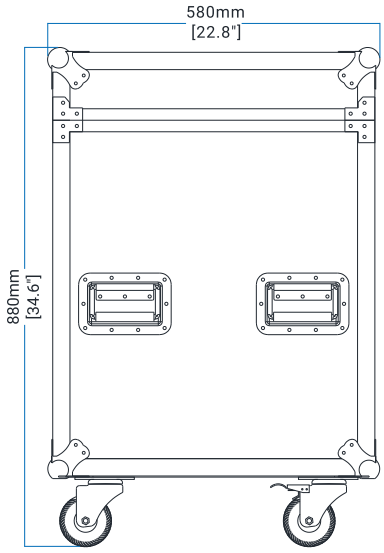
- Two-pack loader case

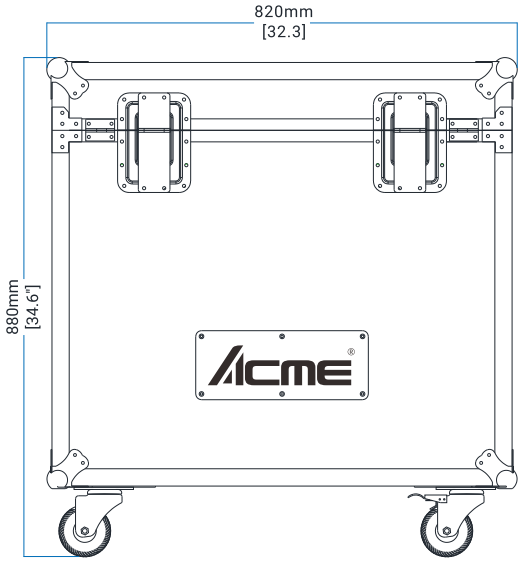
MAXIMUM STACKING

- 2 stacks









Case by ACME Version: 20260126-A

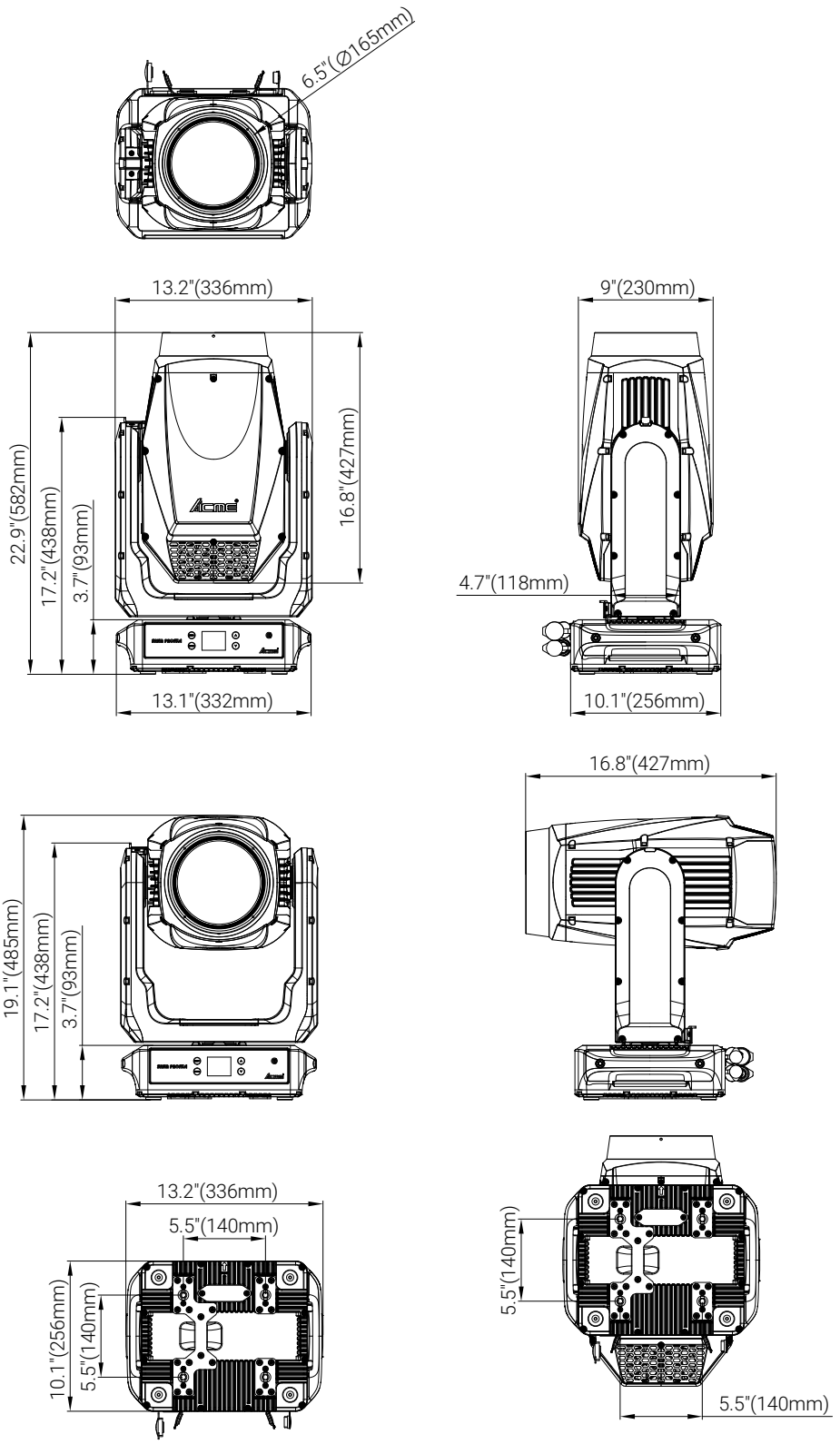
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DIMENSIONS



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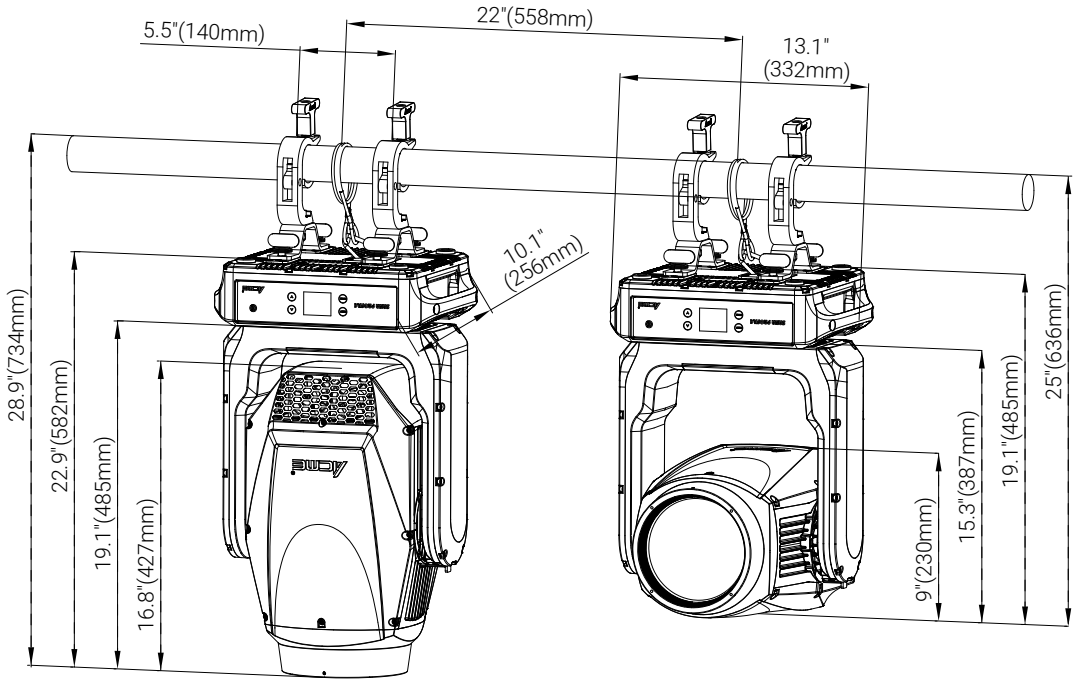
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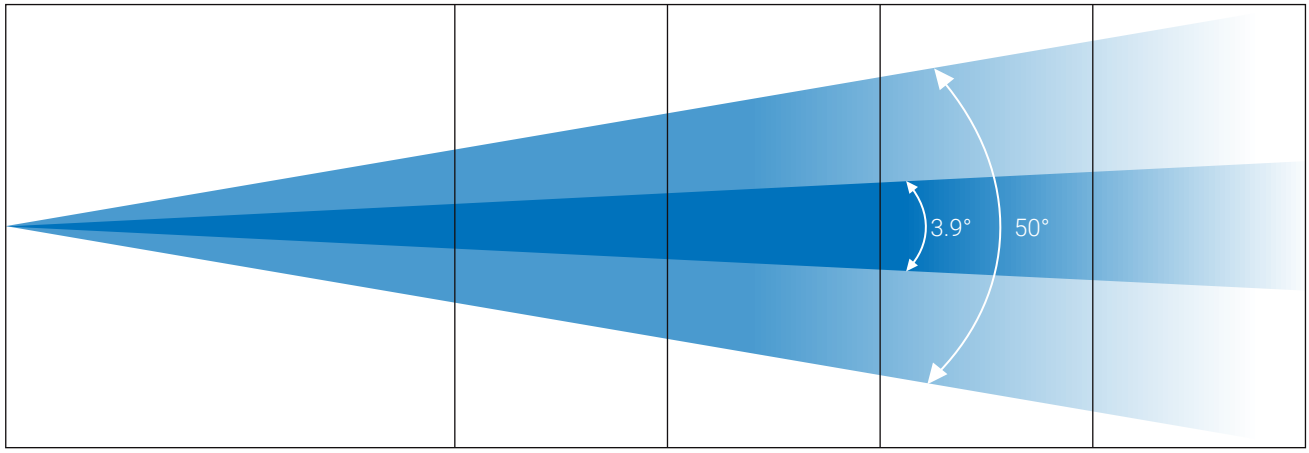
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HANGING DIMENSIONS



PHOTOMETRIC

Auto Mode



3.9° Lux	125,000	29,500	13,200	7,500	1,200
Diameter m (ft)	0.4 (1.3)	0.7 (2.3)	1.1 (3.6)	1.4 (4.6)	3.5 (11.5)
50° Lux	1,300	450	200	115	25
Diameter m (ft)	4.6 (15.1)	9.3 (30.5)	13.9 (45.6)	18.6 (61)	46.6 (152.9)

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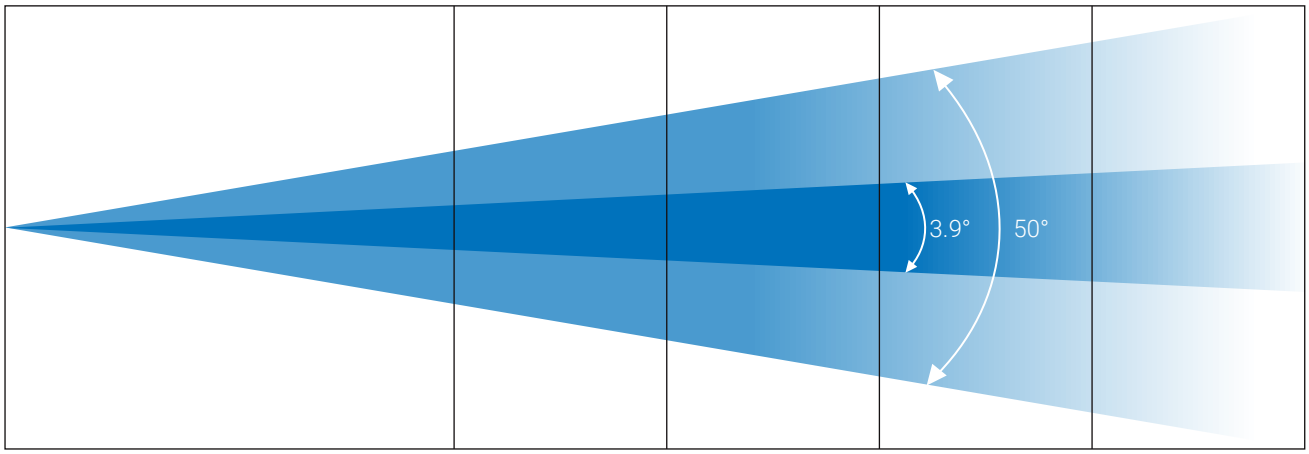
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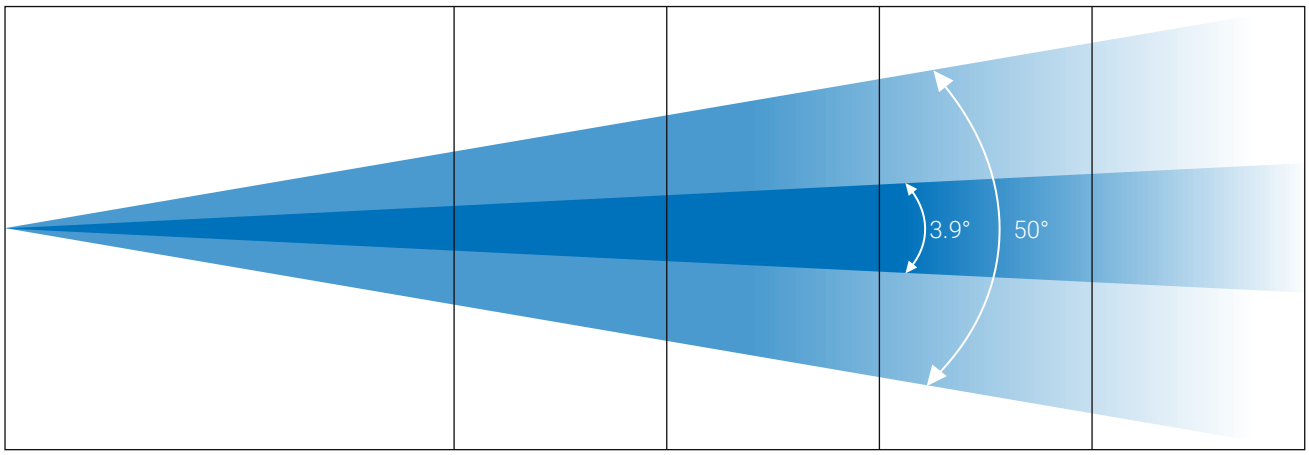
PHOTOMETRIC

Quiet Mode



3.9° Lux	88,000	22,000	9,800	5,600	900
Diameter m (ft)	0.4 (1.3)	0.7 (2.3)	1.1 (3.6)	1.4 (4.6)	3.5 (11.5)
50° Lux	960	310	140	80	15
Diameter m (ft)	4.6 (15.1)	9.3 (30.5)	13.9 (45.6)	18.6 (61)	46.6 (152.9)

Super Quiet Mode



3.9° Lux	65,000	16,100	7,200	4,050	650
Diameter m (ft)	0.4 (1.3)	0.7 (2.3)	1.1 (3.6)	1.4 (4.6)	3.5 (11.5)
50° Lux	720	230	105	60	10
Diameter m (ft)	4.6 (15.1)	9.3 (30.5)	13.9 (45.6)	18.6 (61)	46.6 (152.9)

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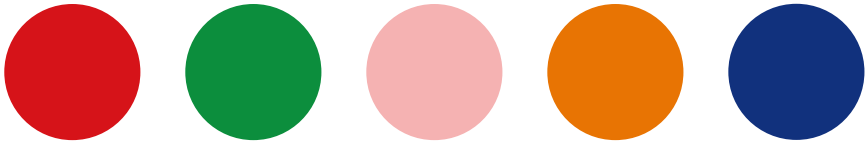
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DYNAMIC EFFECTS

Color Wheel



Red
Slot 1

Green
Slot 2

Pink
Slot 3

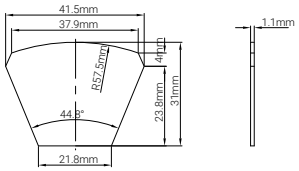
Orange
Slot 4

Blue
Slot 5

CRI
Slot 6

CTB
Slot 7

› Dimension:



Static Gobo Wheel



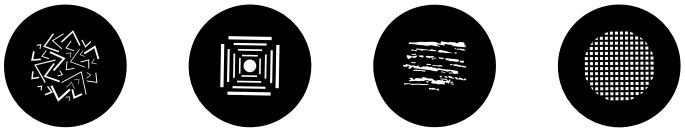
Slot 1

Slot 2

Slot 3

Slot 4

Slot 5



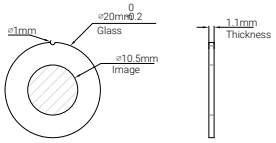
Slot 6

Slot 7

Slot 8

Slot 9

› Dimension:



› Material: Borofloat Glass

Roating Gobo Wheel



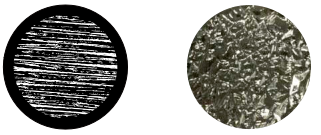
Slot 1

Slot 2

Slot 3

Slot 4

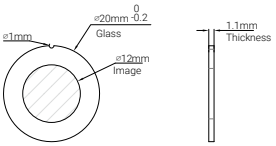
Slot 5



Slot 6

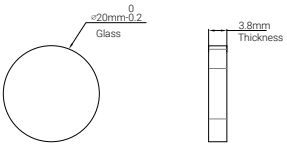
Slot 7

› Slot 1-6 Dimension:



› Material: Borofloat Glass

› Slot 7 Dimension:



› Material: Borosilicate Glass

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DYNAMIC EFFECTS

Linear CMY Color Mixing



Linear CTO Color Correction

2,700K-6,700K

Framing/Iris

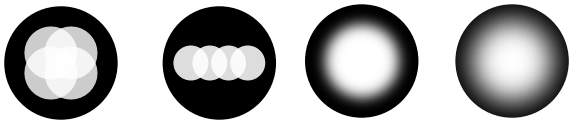


Framing Module



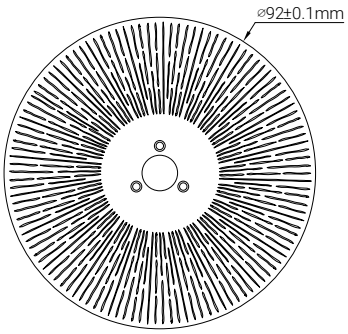
Linear Iris

Prism/Frost Filter



1 × 4-Facet Circular Prism | 1 × 4-Facet Linear Prism | 1° diffusion | 5° Diffusion

Animation Wheel



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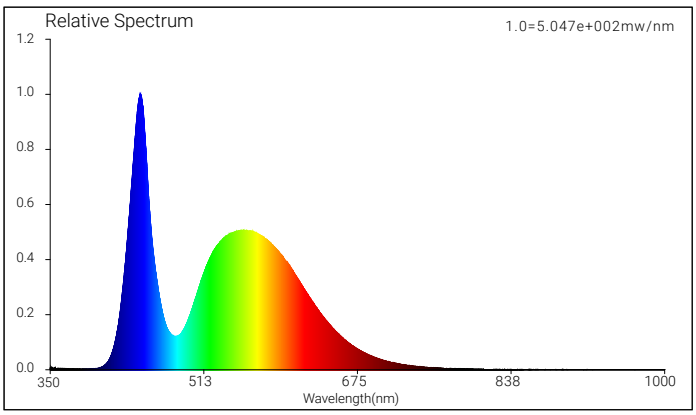
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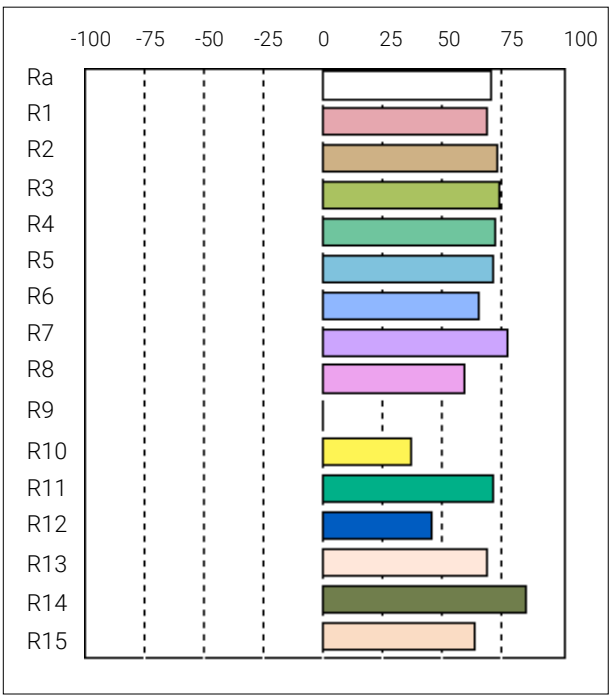
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PHOTOMETRIC REPORT — CHROMATICITY

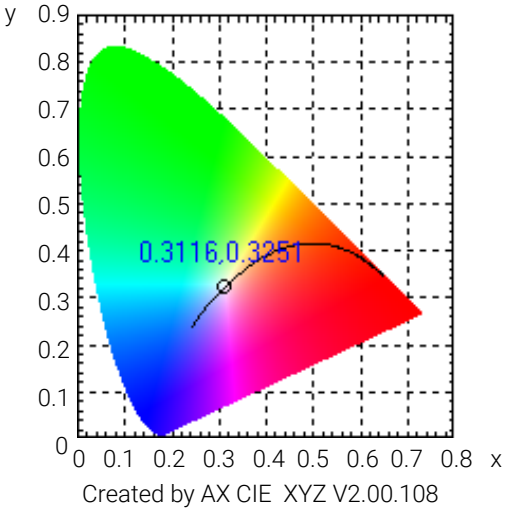
Spectral Distribution



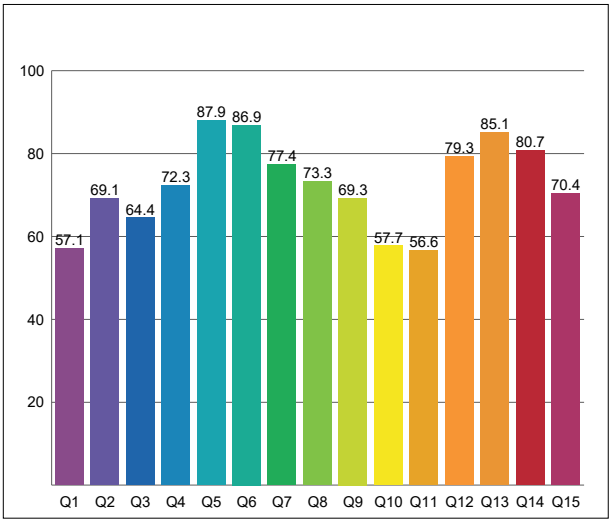
CRI: 71.7 (R1-R8)



CIE 1931 EVERFINE



CQS: 73.6 (Q1-Q8)



CRI C Values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
70.4	74.2	75.8	73.9	72.5	66.4	79.1	61.1	0.0	37.9	72.9	46.7	70.0	86.3	65.4	71.7

TM30 R Values

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
70.4	74.2	75.8	73.9	72.5	66.4	79.1	61.1	0.0	37.9	72.9	46.7	70.0	86.3	65.4

CQS Q Values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
57.1	69.1	64.4	72.3	87.9	86.9	77.4	73.3	69.3	57.7	56.6	79.3	85.1	80.7	70.4

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
6,599 K	71.7	73	93	73.6	0.3116	0.3251	0.1985	0.4660	0.0017

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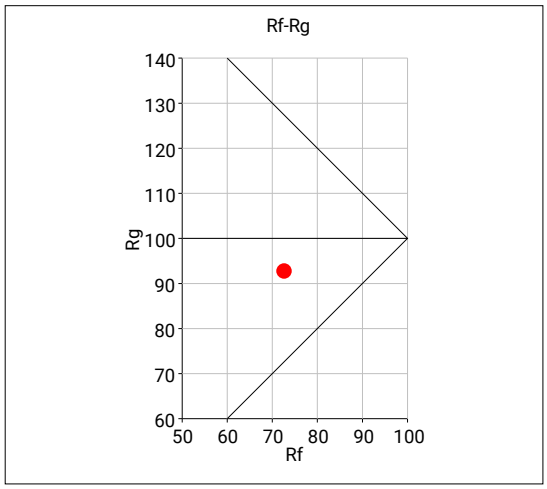
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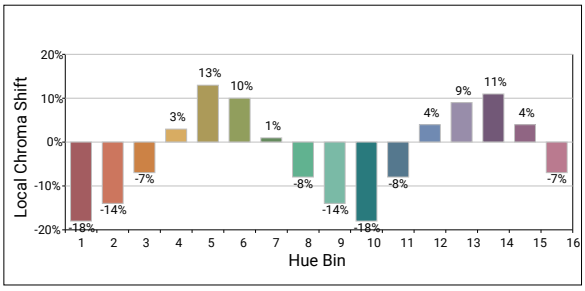
SPEC SHEET

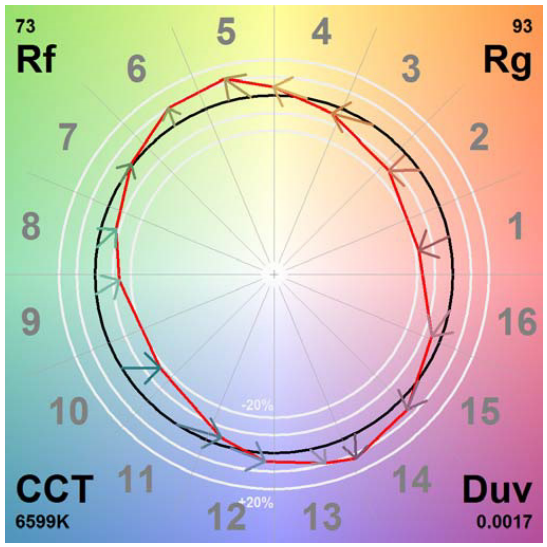
PHOTOMETRIC REPORT — TM-30

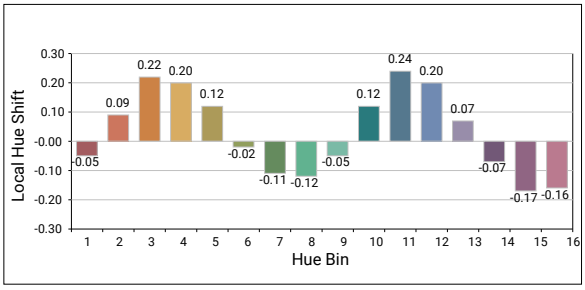
TM-30 Rf (IES TM-30-15 Fidelity Index): 73
TM-30 Rg (IES TM-30-15 Fidelity Index): 93

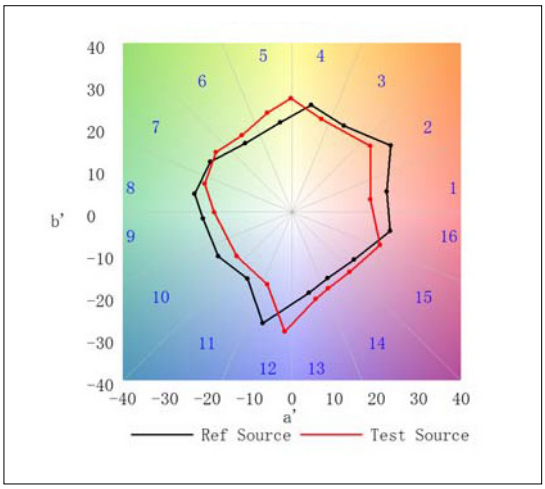
		Graphic shift(%)		
Hue Bin	Hue Angle	Rf	Chroma	Hue
1	0.0° – 22.5°	69	-18	-5
2	22.5° – 45.0°	67	-14	9
3	45.0° – 67.5°	62	-7	22
4	67.5° – 90.0°	65	3	20
5	90.0° – 112.5°	74	13	12
6	112.5° – 135.0°	85	10	-2
7	135.0° – 157.5°	82	1	-11
8	157.5° – 180.0°	77	-8	-12
9	180.0° – 202.5°	78	-14	-5
10	202.5° – 225.0°	68	-18	12
11	225.0° – 247.5°	66	-8	24
12	247.5° – 270.0°	61	4	20
13	270.0° – 292.5°	83	9	7
14	292.5° – 315.0°	81	11	-7
15	315.0° – 337.5°	76	4	-17
16	337.5° – 360.0°	71	-7	-16

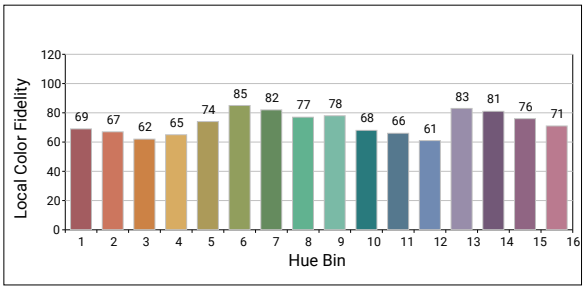












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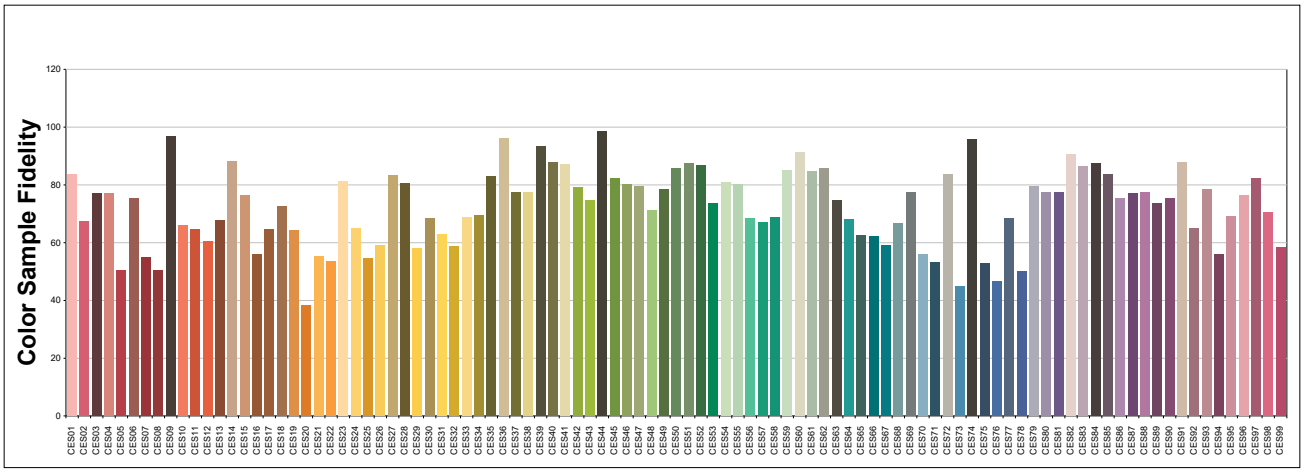
SANA PROFILE

Compact Power, Unlimited Creativity

SPEC SHEET

PHOTOMETRIC REPORT — TM-30

Color Evaluation Sample



PHOTOMETRIC REPORT — TLCI-48

Color Evaluation Sample



Sector	Lightness	Chroma	Hue
R	5	3	2
R/Y	1	1	-5
Y	-2	-2	-6
Y/G	-2	-3	0
G	-2	2	3
G/C	1	0	5
C	2	1	1
C/B	4	1	-3
B	1	-3	-3
B/M	2	-3	6
M	5	-1	8
M/R	5	1	5

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