AECO 10-HR

Main Features

Light Sources: 1,200W LED engine
Diameter of Front Lens: 180 mm
Zoom Range: 5°-52°
Total lumen output of Fixture: 33,000 lumens
Color Temperature Output of Fixture: 6,000K

CRI: Ra≥95, R9≥95, R15≥95
TLCI≥95, CCI: 0-0.5G
TM-30 RF: 91 TM-30 Rg: 100
Linear CMY color mixing
Excellent color macro effect
Variable CTO ranging from 2,700K-6,000K

2 Prisms: 1 x 4-facet prism, 1 x 4-facet linear prism
1 combinable light frost filter and 1 combinable medium frost filter
Motorized linear Iris
4 rotating full blackout framing shutter blades with individual positionable; Rotation of the framing system module: ±60°
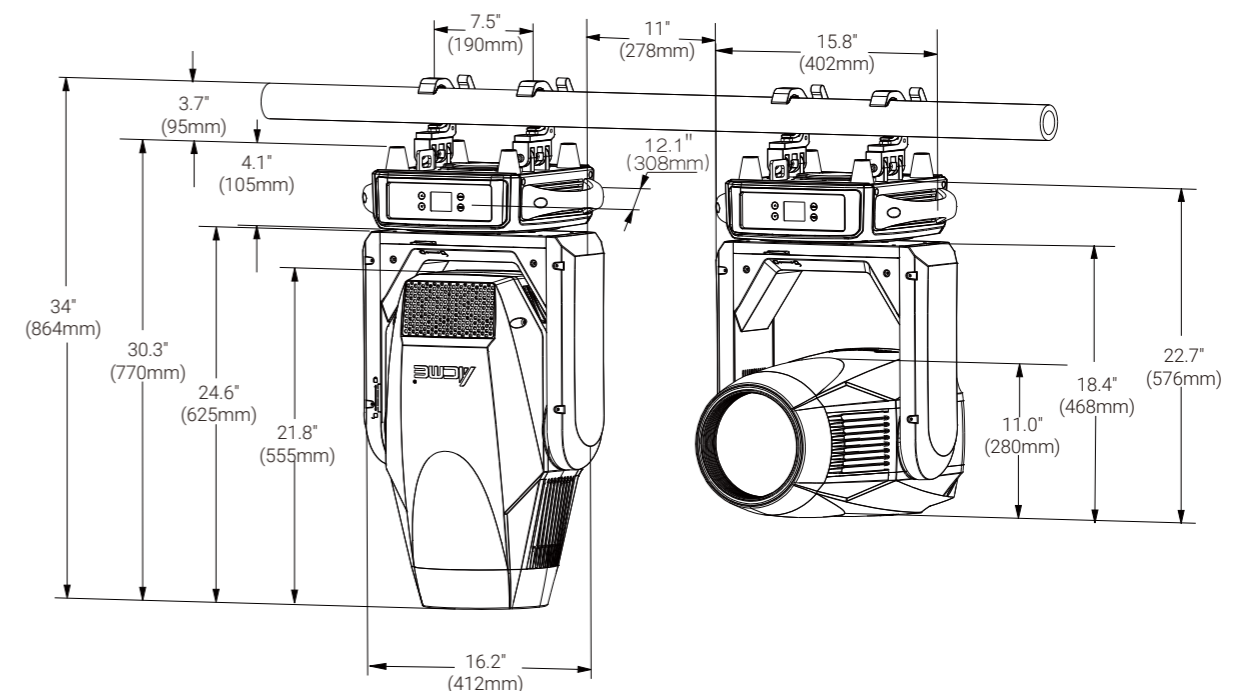
1 Static gobo wheel: 8 gobos, plus open
1 Rotating gobo wheel: 7 gobos, plus open
1 Color wheels: 6 colors, plus open
Animation Wheel: 1 graphic animation effect wheel with continuous rotation in both directions and can be changed into other wheels
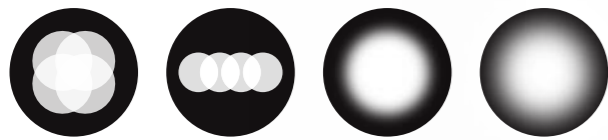
Technical Specifications

Light Source
1,200W LED

Diameter of Front Lens
180 mm

Total lumen output of Fixture
33,000 lumens

Zoom Range
5°-52°

7.5" (190mm)
11" (278mm)
15.8" (402mm)
3.7" (95mm)
4.1" (105mm)
12.1" (308mm)
34" (864mm)
30.3" (770mm)
24.6" (625mm)
21.8" (555mm)
22.7" (576mm)
18.4" (468mm)
11.0" (280mm)
16.2" (412mm)

Light Source

· Light Source: 1,200W LED engine
· Life Expectancy: 20,000 hours* manfacturer specification

Optical System

· Zoom Range: 5°-52°
· Diameter of Front Lens: 180 mm

Prisms / Frost Filter

4-Facet Prism   4-Facet Linear Prism   Light Frost Filter   Medium Frost Filter
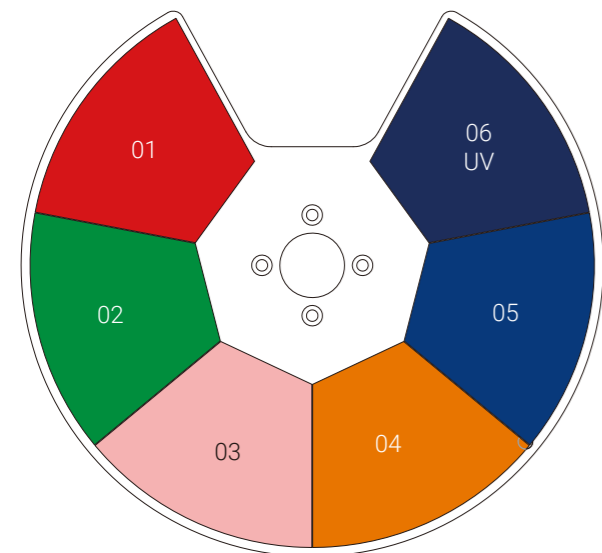
Colors

· Linear CMY color mixing
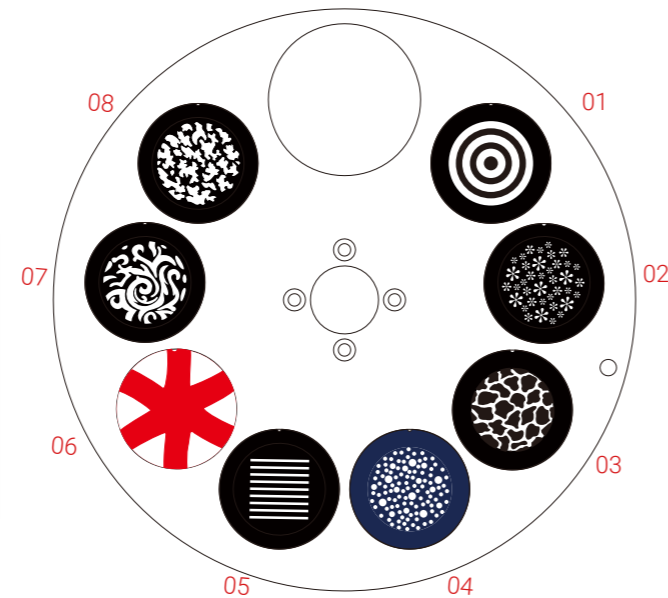
· Linear CTO Color Correction: 2,700K-6,000K

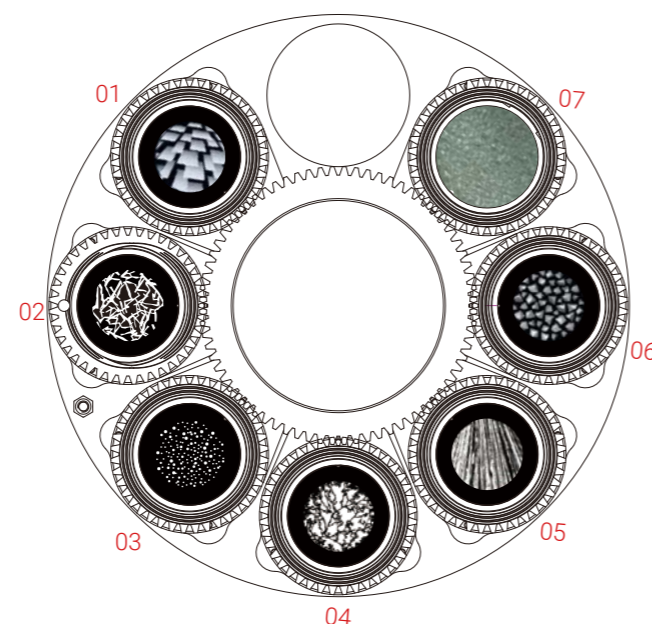· 1 Color Wheel: 6 colors, plus open

Color Wheel

Static Gobos

· 1 x static gobos with 8 gobos plus open

Static Gobo Wheel

Rotating Gobos

· 1Rotating Gobo Wheel: 7 gobos, plus open
  Outside Diameter: 29.8 mm
  Image Diameter: 22 mm
  Gobo Thickness: 1.1 mm
  Gobo Max. thickness: 4 mm

Rotating Gobo Wheel

Framing System
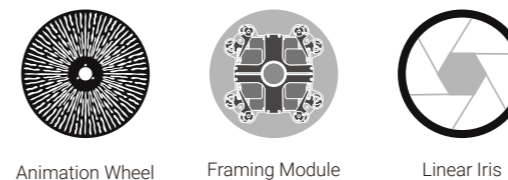
· Shutter Blades: 4 blades, each with separate movement
  and full blackout
· Positioning: The blades can be precisely positioned
· Rotation: ±60° of the complete framing system

Animation Wheel

· 1 graphic animation wheel with the splendid water wave &
  flame effect, and can be changed into other wheels

Other Effects

· CRI Color Rendering:
  Ra≥95, R9≥95, R15≥95
  TLCI≥95, CCI:0-0.5G
  TM-30 RF: 91 TM-30 Rg: 100
· Motorized linear Iris

Animation Wheel   Framing Module   Linear Iris

Pan & Tilt

· Pan movement: 540°
· Tilt movement: 270°
· Automatic Pan/Tilt position correction
· Fixation: Pan/Tilt lock
· Pan/Tilt Resolution:
  Moving-head operated with 16 bit resolution

Control

· 4 touch button control panel
· Display: LCD display
· Battery backup for user setup without mains connection
· Protocols: DMX512, RDM, Art-Net, sACN
· DMX Protocol Modes: 4
· Control Channels: 20/26/29/35
· Firmware Upgrade: Upgrade via DMX link or USB disk

Electrical and Connectors

· Input Voltage Range: 100-240Vac; 50/60Hz
· Power Consumption: 1,500W
· Power In/Out: Power connector in/out (TRUE1 type)
· Data In/Out: 3-pin or 5-pin XLR, RJ45 connector

Fixture Specification

· Fixture Dimensions:
  412 x 308 x 770 mm (16.2" x 12 .1" x 30.3")
  Weight: 43.0 kg (94.8 lbs)
· Flight Case Dimensions：
  715 x 595 x 905 mm (28.1" x 23.4" x 35.6")
  Weight: 91.0 kg (200.6 lbs) (one-pack loader case)

Work Environment

· Maximum Ambient Temperature: 40°C
· Minimum Operating Temperature: 0°C
· Maximum Surface Temperature: 65°C
· Protection Rating: IP20

Installation

· Horizontal or vertical mounting
· Universal working position
· 2 Fixed foldable clamps for 50mm truss
· Safety cable attachment point

Photometric (Images)

Distance(m)	5	10	15	20	50
5° Lux	84,300	20,350	9,050	5,100	843
Diameter(m)	0.4	0.9	1.2	1.6	4
52° Lux	2,600	650	300	200	26
Diameter(m)	4.9	9.8	14.7	19.6	49

Specifications subject to change without notice.