Vader Profile 750

LED BWSF

Photometrics

Distance(M)	3	5	7.5	10
Intensity LUX(4.5°)	289800	136500	51450	18690
(48°)	4725	1759	882	483
Beam Width(M,4.5°)	Φ0.24	Φ0.37	Φ0.58	Φ0.76
(M,48°)	Φ2.78	Φ4.55	Φ7.0	Φ9.3

FEATURES

1. Ultra Bright: 550W > 800W
2. All-in-one power: Hybrid with Profile, CMY, Animation Wheel, 2 frosts, 2 prisms
3. Dual HD gobo wheels for quick gobo changes
4. Professional Dimming:Smooth Dimmer Curve+No Flicker
5. Super Quiet.
   Made for noise-sensitive spaces like theaters
6. Compact Design, weighs only 22kg

47CH	FUNCTION	47CH	FUNCTION
1	Pan	25	Zoom 16Bit
2	Pan Fine	26	Focus
3	Tilt	27	Focus 16 bit
4	Tilt Fine	28	Auto Focus Distance
5	Colour Wheel	29	Auto Focus Distance Fine
6	Colour Wheel Fine	30	Iris
7	Cyan	31	Frost1
8	Magenta	32	Frost2
9	Yellow	33	Flame ON/OFF
10	Colour Temperature	34	Flame Wheel
11	Fix Gobo	35	Frame 1A
12	R-Gobo	36	Frame 1B
13	Gobo Rotation	37	Frame 2A
14	Gobo Rotation Fine	38	Frame 2B
15	Dimmer	39	Frame 3A
16	Dimmer Fine	40	Frame 3B
17	Strobe	41	Frame 4A
18	Dimmer Frequency & Speed	42	Frame 4B
19	Dimmer Curve	43	Frame Angle
20	Prism1	44	Frame Angle Fine
21	Prism1 Rotation	45	Frame Macro
22	Prism2	46	Scan Speed
23	Prism2 Rotation	47	Control
24	Zoom		

FIXED

ROTATING

SPECIFICATION

OPTICS
- Light Source :550W White LED Module
- Lifetime: 50000 Hours
- Lumen: 22203 lm
- Color temperature:
  -CRI: at least 70, CT 6900K
  -CRI: at least 90, CT 7000K

MOVEMENT
- Pan movement:540° (16 bit)
- Tilt movement :270° (16 bit)
- Automatic reset function

COLORS
- Colors wheel:1+6colors, Bi-directional rainbow effect
- Linear CMY+CTO

GOBOS
- Fixed gobo wheel: 8 HD gobos + open
- Rotating gobo wheel:
  7 HD interchangeable gobos +open
- Gobo size:Outside-22.9MM
  Inside-15.5MM;Thickness-1.1 MM
- Bidirectional variable rotation, Index functions
  Bi-directional changeable speed shake effect
  changeable speed and flow effect
- Animation Wheel:Unlimited rotation
  flow and flame effect

FEATURE
- Prism: 2 pcs rotating prisms
  4-facet circular prism and 6-facet linear prism
  (3,5,8,16 prism option)
- Iris: Linear adjustable with macro
- Frost:Linear medium frost and light frost
- Focus: Motorized;AUTO-FOCUS
- Zoom: 4.5°-48°linear adjustment, smooth and fast
- Dimmer: 0-100% linear dimmer,dimmer curve
- Strobe: Electronic strobe,0.3-20Times/SEC

FRAMING SYSTEM
- Motorized framing system with 4 focal planes
- 4 Blades that move separately
- Smooth, flexible blade movements at variable speed
- Framing system smooth movement and extremely
  accurate position
- Single blade full blackout
- Framing system indexable over 150°

CONTROL AND PROGRAMMING
- Standard mode: 37/47 channels
- Fan mode: AUTO/FAST/LOW/SUPER LOW
- Control mode: DMX512, Protocols RDM,
  CRMX Wireless DMX and Art-Net,sACN
- DMX and RDM data in/out

OTHER FUNCTION
- 2.4inch color LCD screen
- High reliability touch button
- Support auto flip display
- Support Multi-language
- Automatic monitoring of light source temperature
  high temperature automatic protection
- Intelligent cooling system

- USB-C and DMX512 Software update
- Display light use time
- Low level linearity, flicker free film TV
- 100%brightness without stroboscopic problem
- Menu setting by internal rechargeable battery
  without power supply
  (3.7V rechargeable lithium-ion battery)
- Intelligent control of wind speed
- Reverse display
- Control panel lock
- Manual programming
- Maintenance mode

POWER SUPPLY AND CONNECTIONS
- Input voltage:100V~240V AC 50/60Hz
- Rate power:730W@220V
- Power socket: power connector input and output
- DMX and RDM data in/out:
  Locking 3-pin&5-pin XLR,RJ45 in

HOUSING
- Environmentally friendly flame retardant materials
- High temperature resistant engineering plastics
- Device locking PAN and TILT mechanisms for
  transportation and maintenance
- Intellectual property rights of appearance and
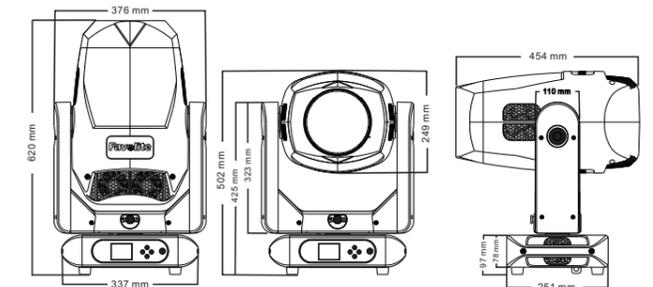 structure design

IP GRADE
- IP:20

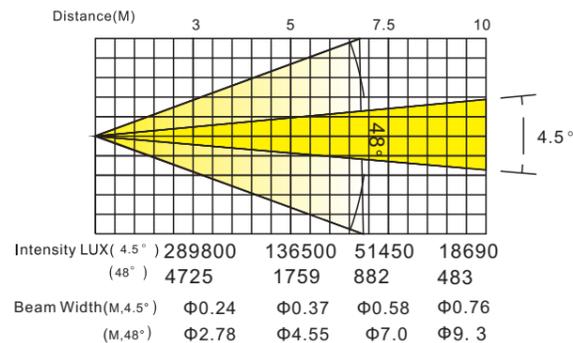### DIMENSION
- Product Size: 376 x 337 x 620 MM
  -14.80″ × 13.27″ × 24.41″
- Carton size(1in1):486x355x715MM
  -19.13″ x 13.98″ x 28.15″
- Flight case size(2in1):582x544x879MM
  -22.91″ x 21.42″ x 34.61″

WEIGHT
- Net weight:22KG