SYSTEM

Powerful 100 watt, high color rendering LED Fresnel fixture. It provides the single shadow and focusing characteristics essential to Fresnel fixtures while using a fraction of the power of tungsten units. The fixture generates a strong directional beam of adjustable light with even coverage of 3200K color (5600K optional). It also delivers flicker-free dimming without color shift and amazing color rendering at 96+ CRI. A manual slide bar at the side of the fixture adjusts the beam and locks in place. Heat dissipation is designed with a unique passive thermal cooling system to assure maximum LED light output without internal fans. A simple touch pad at the back allows easy programming for DMX control and dimming. Fixture shuts off power to the integral driver when dimmed to ZERO in DMX mode so no external relay or power cut off is required. Additional control achieved with 6˝ gel frame and barn door accessory options.

cCSAus for USA/Canada and CE Listing in process

SPECIFICATION

Housing: Constructed of .063 formed aluminum then coated with black and silver textured TGIC polyester powder coat finish.

LED: (1) 100 watt LED chip provides a concentrated ultra bright beam with even coverage of 3200K light (5600K optional). 96+ CRI.

Electrical: Unit input is 120 thru 230 volts 50/60 Hz. Draws 100 watts with on-board power supply and integrated dimmer. Silent operation. Power to unit includes powerCON in and out locking connectors and on/off switch. Touch pad programming for control.

Mounting: Provided with .187 welded aluminum yoke. Unit may rotate vertically through the yoke and horizontally through a pipe clamp for ease of focus, and may be locked into place.
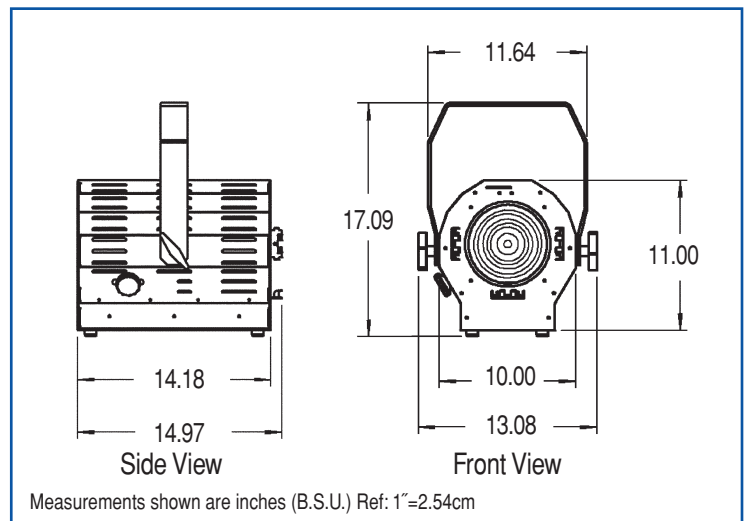
Fixture Includes:

    (1) LED Chip

    (1) 16´ powerCON cord with NEMA5-15 (3) prong plug

    (1) C-Clamp **or** 5/8˝ Stand Adapter (Specify One)

LED OPTICS

(1) 100 watt Chip at 3200K (5600K optional)

50,000 Hours Life   CRI: 96+

OPTIONS *(Must Specify Each)*

Mounting	2˝ O.D.C-Clamp
	5/8˝ Stand Adapter
LEDs	3200K (Standard)
	5600K

Side View   Front View

11.64, 17.09, 11.00, 14.18, 14.97, 10.00, 13.08

Measurements shown are inches (B.S.U.) Ref: 1˝=2.54cm

MODEL

VN100-32K-OB/DMX	On Board and DMX	120v-230v
VN100-56K-OB/DMX	On Board and DMX	120v-230v

WEIGHT	Lbs	Kg	DIMENSIONS	Inches	Cm
Complete	17.0	7.7	Length	15.0	38.1
			Height	17.1	43.4
			Width	13.1	33.3

Videssence™

ACCESSORIES

(See detailed description and function in Accessories Section)
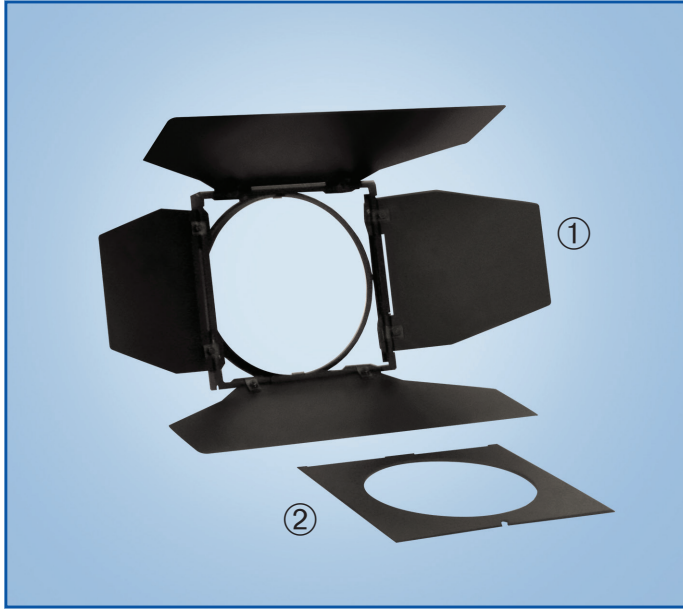
PART

① BD-VN100   Barn Door

② GF-VN100   Gel Frame

PHOTOMETRICS

2-14		DISTANCE		
MODEL VN100-32K		9ft./2.7m	12ft/3.66m	15ft/4.58m
NO ACCESSORIES	FC	475	273	184
SPOT FOCUS	Lux	5113	2938	1981
Visible Beam Spread		24″ Dia.	36″ Dia.	48″ Dia.
NO ACCESSORIES	FC	76	47	32
FLOOD FOCUS	Lux	818	506	344

* Light level readings were measured in foot-candles (fc) and converted to Lux using the conversion factor of 1 fc = 10.765 Lux. Values shown are light levels on centerline. Reference: Meter used – Minolta T-1 Illuminance meter. LEDs 3200K. Ambient temperature in test studio 75F ± 3F. Distance measurements converted to feet using 1ft = .305 m. Original photometric data on file at the factory.