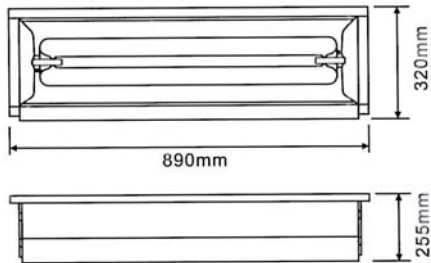


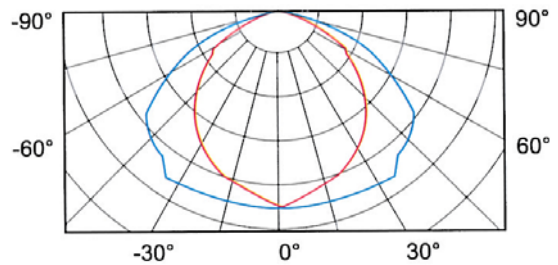
EQUINE BRIGHT™

ULTRA-TECH™ LIGHTING

EB-HB-400WA3



- Exclusive **BRIGHT-TECH**® System includes:
- Equine-Bright™ **LUMENTEC**® tuned spectrum
- Color Rendition Index (CRI) > .90
- 100,000 hour life cycle; 11 years 24 x 365
- 110V~277V and 50hz/60hz auto-sensing ballast, .98 power factor
- Instant strike/re-strike, no warm-up/cool down
- Nano-particle reflector technology
- Flicker-free... no strobe effect
- IP65 rated, brushed aluminum



The EB-HB-400WA3 longitudinal design is an ideal replacement for large format fluorescent arrays from single to 8-bulb fixtures or metal halide lamps. This Equine-Bright™ 400-watt high elongated fixture is specifically tuned to maximize visual acuity and comfort for horses. The unique full spectrum/full diffusion lamp can replace 1,200-watt to 1,500-watt metal halide and fluorescent lighting for energy savings of up to 85%. Reduce in-rush current up to 95%. Unique reflector geometry and nano-particle coating evenly distributes without hot-spots or voids. Solid encapsulated mercury is environmentally friendly and safe. No special handling required. No hazardous material disposal.

Exclusive **BRIGHT-TECH**® System includes proprietary **LUMENTEC**® spectral tuning gives stunning resolution and contrast for horses and riders. Special mood enhancing technology is actually comforting for horses and can increase responsiveness. Flicker-free operation eliminates “strobe effect,” providing a more comfortable environment with less eye strain. Extraordinarily high color rendition index (CRI) means all colors will appear as clear as daylight. Instant strike means never having to wait for a warm-up or cool-down. The EB-HB-400WA3 for indoor venues has no projected heat like other high intensity lighting. Extraordinary 100,000 hour life cycle lowers maintenance costs by as much as 600% over conventional lighting. No excessive glare or danger of eye damage like LEDs.



Contact: Philip Gotthelf ♦ Philip@ultratechlighting.com ♦ www.ultratechlighting.com
(201) 784-1233 (office) ♦ (201) 401-6068 (cell) ♦ (201) 784-0854 (fax) ♦
PO Box 566, Closter, NJ 07624



TECHNICAL SPECIFICATIONS

MODEL	EB-HB-400WA3
RATED WATTAGE	400W
VOLTAGE RANGE	120V~277V \pm 15%
CURRENT	3.40A~1.47A
FREQUENCY	50/60Hz
POWER FACTOR	0.98
IN-RUSH CURRENT	NEGLIGIBLE
RFI PART 15/18	SHIELDED
NOISE	<20dB
TYPE	MAGNETIC INDUCTION
COLOR RENDITION INDEX	> .90
COLOR TEMPERATURE	6,500K~10,000K UV TRUNCATED
CERTIFICATIONS	UL/UL-C/CCC/CE/FC/RoHS/CB
B.U.G. RATING	0/0/<110
DARK SKY	COMPLIANT G(0)
UL-C	WET LOCATION
TEMPERATURE RANGE	-30°F ~ +140°F
RATING	IP65 WF2 ANTI-CORROSION
FINISH	WF2 ANTI-CORROSION
REFLECTOR	FULL-DIFFUSION NANO-PARTICLE
LUMENS PER WATT	95LPW~105LPW
VISUALLY EFFECTIVE LUMENS	277/W

FEATURES	MH	HPS	LED	Equine-Bright™	Other MIL
100,000 hour lifecycle (11 yrs @ 24hrs/365 days)	No	No	No	YES	Yes
Up to 85% energy savings	< 30%	None	Some	YES	Some
LUMENTEC® Technology	No	No	No	YES	No
Proprietary VARI-BEAM® Reflector Geometry	No	No	No	YES	No
Instant strike - no warm up or cool down	No	No	Yes	YES	Yes
Full Spectrum with CRI > .90	Few	No	No	YES	Some
Color Temperatures 6,500K~10,000K	Rare	No	Rare	YES	Some
Exceptionally high power factor > .95	No	No	Some	YES	Some
Negligible "In-Rush" current	No	No	No	YES	YES
Unparalleled Warranty 5 years 50K hrs	No	No	Some	YES	Some
Fully recyclable, no special disposal	No	No	No	YES	Yes
Lease Financing Available	No	No	No	YES	No

