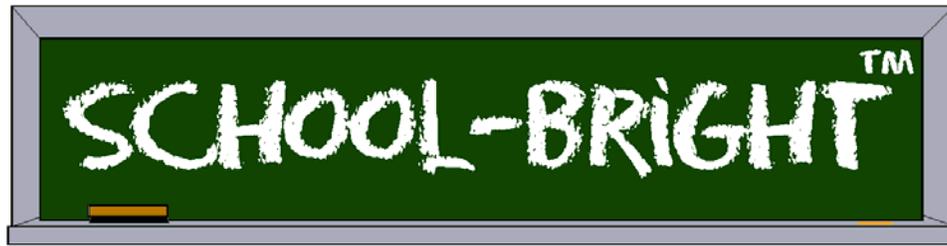
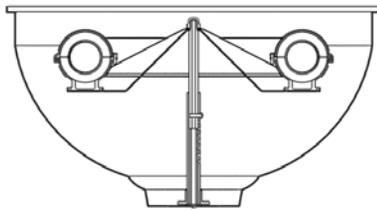


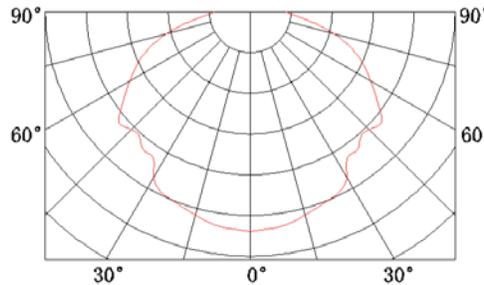
# ULTRA-TECH™ LIGHTING



## SCBT-HB-100WX4A



- School-Bright™ **LUMENTEC**® tuned spectrum
- Color Rendition Index (CRI) > .95
- 100,000 hour life cycle
- 110V~277V and 50hz or 60hz auto-sensing ballast, .98 power factor
- Instant strike/re-strike, no warm-up/cool down
- Negligible in-rush current
- Nano-particle reflector technology
- **VARI-BEAM**® focus technology
- Polycarbonate prismatic shell
- IP54 rated



The School-Bright™ 100-Watt round high-bay is ideal for all types of auditorium, academic and office environments. The unique full spectrum full diffusion fixture is capable of replacing 400W



metal halide spectrum and halogen lamps for energy savings of up to 80%. Unique Vari-Beam® technology allows changing the focal length to provide precision lighting patterns for the work floor. Ideal for replacing T5 or T8 fluorescent lighting. The ultra-high efficiency driver (ballast) is available in 110V~277V auto-sensing and 50hz/60hz. Mercury is a solid encapsulated amalgam, making School-Bright™ environmentally friendly and safe. No special handling is required. No hazardous material disposal is necessary.

School-Bright™ light uses Health-Bright™ technology that can actually **improve human performance and increase overall safety**. Diffused light provides uniformity without hot spots. Instant strike means never having to wait for a warm-up or cool-down. The SCBT-HB-100WX4A is ideal for environments that need full spectrum lighting for visual and mental concentration. There is no flicker or strobe for comforts and safety.



# TECHNICAL SPECIFICATIONS

<b>MODEL</b>	<b>SCBT-HB-100WX4A</b>
RATED WATTAGE	100W
VOLTAGE RANGES	120V~277V $\pm$ 15%
CURRENT @ 120V~277V	0.85A ~ 0.37A
FREQUENCY	50/60Hz
POWER FACTOR	0.98
IN-RUSH CURRENT	NEGLIGIBLE
RFI PART 15/18	SHIELDED
NOISE	<20dB
TYPE	MAGNETIC INDUCTION
COLOR RENDITION INDEX	> .95
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)
CERTIFICATIONS	UL-C/CCC/CE/CB/RoHS
TEMPERATURE RANGE	-30°F ~ +140°F
RATING	IP54
FINISH	POLYCARBONATE PRISMATIC
REFLECTOR	FULL-DIFFUSION NANO-PARTICLE
MOUNTING	PIPE OR FLUSH
LUMENS PER WATT	95LPW~105LPW
VISUALLY EFFECTIVE LUMENS	~277/LPW

## Available Options:

- **LUMENTEC** tuned spectrum with color temperatures from 6,500K to 10,000K

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