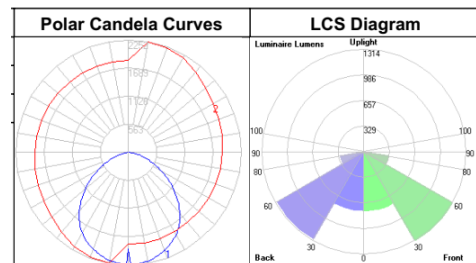
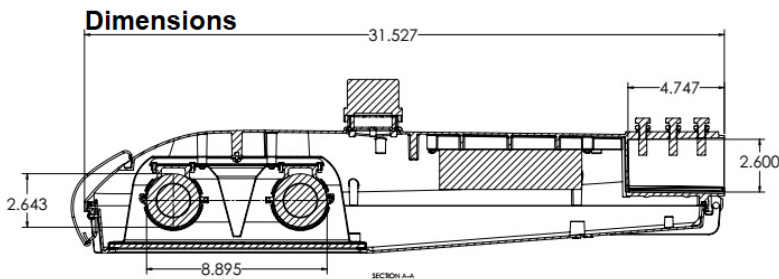




STBT-CH-(40W, 60W, 80W, 100W)



- Street-Bright™ **LUMENTEC®** tuned spectrum
- **BRIGHT-TECH®** System integrated technology
- Color Rendition Index (CRI) > .90
- 100,000 hour life cycle
- 110V ~ 277V auto-sensing ballast
- Instant strike/re-strike
- Large format full dispersion light source
- Full diffusion nano particle reflector
- Powder-coated all-weather aluminum
- IP66 rated WF2 anti-corrosion grade



The compact Street-Bright™ wide area diffusion “cobra head” fixture is designed for roadways, highways, streets, and parking lots where lateral parameters are constrained. Its unique full-spectrum/full-diffusion design can replace sodium and metal halide fixtures for up to 80% energy savings including ballast overhead. Full cut-off and dispersion geometry minimizes light pollution while adhering to existing pole separations. Fully recyclable makes Street-Bright™ environmentally friendly and safe. Special disposal is not required since mercury is encapsulated and isolated.

Street-Bright™ lights use proprietary **LUMENTEC®** spectral tuning for stunning resolution and contrast on blacktop and white-top roadway surfaces. **VARI-BRIGHT®** integrated dimmable technology works in conjunction with **VARI-BEAM®** focal length adjustments to allow variable lighting intensity. Instant strike means no waiting for a warm-up or cool-down. The STBT-CH-XXXW series comes in 40W, 60W, 80W and 100W configurations from Type I to VS. Lights are animal friendly and will not disturb nocturnal wildlife such as owls. Equally important, it is a neighbor-friendly fixture that can be focused away from surrounding buildings and homes. Street-Bright™ lights are not affected by temperature. The extraordinary 100,000 hour life cycle can lower maintenance costs by as much as 600% over conventional outdoor lighting systems.



TECHNICAL SPECIFICATIONS

MODEL	STBT-CH-100W (40, 60, 80)
RATED WATTAGE	40W – 100W
VOLTAGE RANGE	120V~277V ± 15%
CURRENT @ 100W	0.14735A~0.2947A @ 277V
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 to 10,000K UV TRUNCATED
CERTIFICATIONS	CCC/CE/FC/RoHS/CB
B.U.G. RATING	B2-U0-G1
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
WIND RATING SLIP-FITTER	110mph~150mph gust, pole dependent
LUMENS PER WATT	85LPW~105LPW
VISUALLY EFFECTIVE LUMENS	277/W

LCS Summary:

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	756.2	16.0	16.0
FM (30-60)	1314.0	27.7	27.7
FH (60-80)	325.6	6.9	6.9
FVH (80-90)	1.6	0.0	0.0
BL (0-30)	752.6	15.9	15.9
BM (30-60)	1283.7	27.1	27.1
BH (60-80)	303.9	6.4	6.4
BVH (80-90)	1.4	0.0	0.0
UL (90-100)	0.0	0.0	0.0
UH (100-180)	0.0	0.0	0.0
Total	4739.0	100.0	100.0
BUG Rating	B2-U0-G1		

Classification:

Road Classification: Type II, Very Short, Full Cutoff
Upward Waste Light Ratio: 0.00
Luminaire Efficacy Rating (LER): 44
Maximum UGR: N.A.
Indoor Classification: Direct
BUG Rating : B2-U0-G1

FEATURES	HID	HPS	LED	Street-Bright™	Other MIL
100,000 hour life cycle	No	No	No	YES	Some
60% - 80% energy savings	No	No	No	YES	No
Wide Dispersion Bulb	No	No	No	YES	Yes
Negligible in-rush current	No	No	No	YES	Some
Nano-Reflector with 98% efficiency	No	No	No	YES	No
Proprietary Geometry	No	No	No	YES	No
Instant strike - no warm up or cool down	No	No	No	YES	Yes
Full Spectrum with CRI > .90	No	No	No	YES	Some
Exceptionally high power factor > .98	No	No	No	YES	Some
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



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