

Catalog Numbers

S6-5 S6-10  
S6-20 S6-30  
S6-40 S6-50

Fixture Type:

The 5°, 10°, 20°, 30°, 40° and 50° fixed focus SHAKESPEARE ellipsoidals are state of the art luminaires in function, style, and efficiency. These ellipsoidals have been designed and engineered with a number of innovative details and features enhancing versatility and efficiency without sacrificing performance. The dichroic coated glass reflector removes heat from the beam, resulting in longer gel and pattern life while offering a sharp, full field and distortion free pattern projection. The generous accessory slot, the lens barrel, and the two slot accessory holder (20°, 30°, 40° and 50°, only) all rotate to make these spotlights truly versatile performers, especially when you consider that the lens barrels are completely interchangeable. The self-closing, self-locking retaining latch for the accessory holder, and the secondary lens barrel retaining latch are just some of the safety features provided. The aesthetic appearance and ergonomically designed function controls only add to the appeal. With a wide range of non-proprietary lamps to choose from, the low wattage, high output SHAKESPEARE ellipsoidals are ideal for theatres, night clubs, television studios, or wherever superior, energy efficient lighting performance is required.

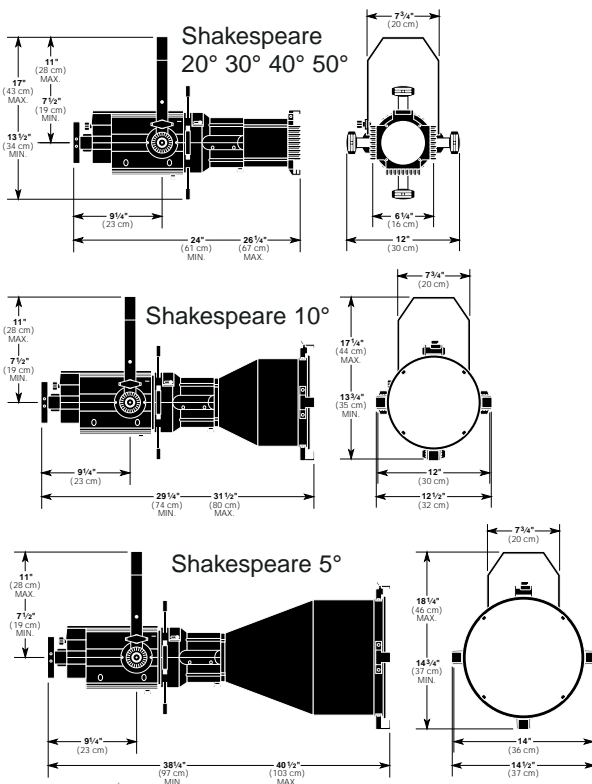


S 6 - 4 0

750 WATT  
SHAKESPEARE ELLIPSOIDAL  
Features

- Compact, rugged die-cast aluminum construction, & spun aluminum construction on 5° and 10° only
- Spring mounted dichroic coated glass reflector provided with heat shield
- Lockable, 180° indexed rotation of shutter assembly and lens barrel, optional 360° rotation
- Tool free interchangeable lens barrels provided with unique safety retaining latch
- Color coded lens & lens barrel identification system
- Tempered crown glass lenses have anti-reflective coating
- Tool free operating lamp centering knob and peak to flat field adjustment knob
- Replaceable two slot accessory holder for 20°, 30°, 40° and 50° & wide slotted accessory holder for 5° and 10° provided with self-closing and self-locking accessory retaining latch
- Accessory slot provided with locking cover that will accept rotating gobo accessories, glass pattern holder and drop-in iris
- Tool free removable heavy gauge stainless steel shutter mounted in separate planes equipped with oversized insulated handles, and spring pressured shutter assembly
- Dual positioning yoke supplied with dual positive locking dog and tilt angle markings
- Protective insulated rear mounted ring handle serves as cord wrap, stand, and focusing aid
- G9.5 medium two-pin lampholder provided with heat shield and accepts a wide variety of non-proprietary lamps
- Uses standard 6 1/4" accessories for 20°, 30°, 40° and 50°, 12" for 10°, and 14" for 5°
- Three 36" Teflon lead wires
- Up to 25' of Hi-Temp rubber cable optional
- Color frame and safety cable included
- U.L. and c.U.L. and CE listed for 750 watts
- Made in the USA

Specifications subject to change without notice



# 750 WATT SHAKESPEARE ELLIPSOIDAL

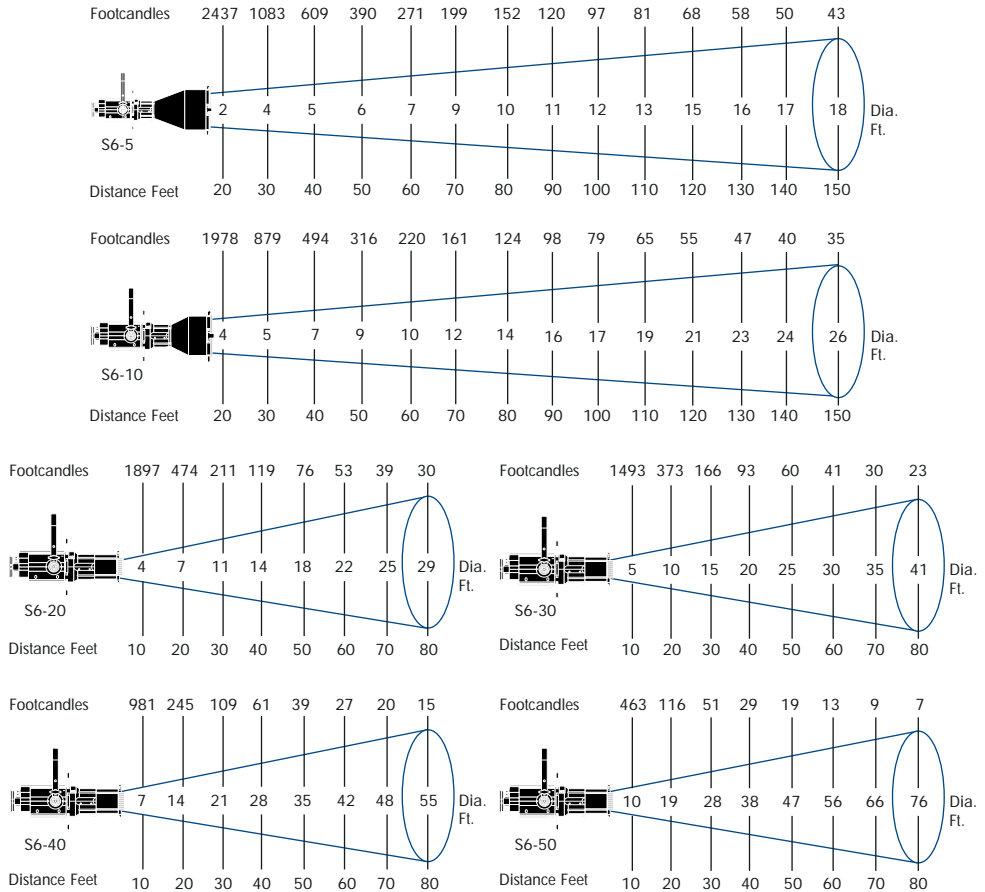
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ACCESSORIES Supplied with Luminaire	
4.5-CF	Color Frame, 6 1/4" x 6 1/4" (for 20°, 30°, 40° & 50°)
TEN-CF	Color Frame, 12" x 12" (for S6-10)
TWE-CF	Color Frame, 14" x 14" (for S6-5)
SC	Safety Cable with Spring Clip

Photometric Data For GLC Lamp

ADDITIONAL ACCESSORIES	
TEN-CFB	Black Color Frame, 12" x 12" (for S6-10)
TWE-CFB	Black Color Frame, 14" x 14" (for S6-5)
510	Malleable Iron Pipe Clamp
4.5-DN	Donut 6 1/4" x 6 1/4" w/2 1/2" diameter opening
TEN-DN	Donut, 12" x 12" w/5" diameter opening (for S6-10)
TWE-DN	Donut, 14" x 14" w/6" diameter opening (for S6-5)
4.5-SN	Snoot
TEN-SN	Snoot (for S6-10)
360-PH	Pattern Holder with Channels 2 3/4" diameter opening, 3 3/8" wide
1KL6-PH	Pattern Holder with Slots, 2 3/4" diameter opening, 3 3/8" wide
S6-GPH	Pattern Holder for Glass Patterns
404.4.5	Motorized Color Wheel for (20°, 30°, 40° & 50° only)
SDii	Drop-in Iris
71-0500	Fixture Body without Lens Barrel
71-0501	50° Lens Barrel w/Lenses
71-0502	40° Lens Barrel w/Lenses
71-0503	30° Lens Barrel w/Lenses
71-0504	20° Lens Barrel w/Lenses
71-0506	10° Lens Barrel w/Lens
71-0507	5° Lens Barrel w/Lens



## Specifications

**Housing:** Die-cast aluminum construction.

**Materials:** Construction employs corrosion-resistant materials and hardware.

**Yoke:** Rigid flat steel with dual locking dog tilt handles, two mounting positions, indexed tilt angle markings.

**Reflector:** Spring mounted dichroic coated glass, ellipsoidal design.

**Lenses:** Color coded crown glass (white plate) lenses provided with anti-reflective coating. Molded front lens made of polymeric plastic for 5° & 10° only.

**Lens Barrel:** Die-cast aluminum for the 20°, 30°, 40° & 50° & spun aluminum for the 5° & 10°. Lens barrels are interchangeable, color coded, & marked. Secondary safety latch provided.

**Socket:** Altman G9.5 medium two-pin, axially mounted, supplied with heat shield. Tool free relamping.

**Rating:** 120/240 volts AC/DC operation, 6.3/3.1 amps, 750 watts maximum.

**Cable:** 36" Teflon leads encased in black fiberglass sleeving, rear cord wrap provided. Hi-Temp rubber cable optional, up to 25'.

**Shutters:** Four provided, .037" stainless steel, fully adjustable and removable. Constructed with oversized Valox heat resistant handles.

**Shutter Assembly:** Spring pressured, 180° indexed rotation on Teflon glides, provided with locking knob.

**Focusing, Lamp:** Fully adjustable in three axis with two concentric Ultem 2100 heat resistant knobs.

**Focusing, Fixture:** Lens barrel travels on nylon glides, provided with heat resistant lock knob. Ring shaped rear mounted aiming handle provided, constructed of Ultem 2100.

**Accessories:** Accessory slot provided with cover, rotates 180° with shutter assembly, 360° optional, accepts drop-in iris and rotating gobo accessories. Removable Lexan front end accessory holder equipped with two slots and accepts standard 6 1/4" accessories on 20°, 30°, 40°, & 50°. Accessory holder retaining latch is self-closing and self-locking for safety.

**Finish:** Black epoxy sandtex, electrostatic application.

**Weight:** Approx: 20 lbs. (9 kg.) for S6-5.

Approx: 19 lbs. (8.6 kg.) for S6-10.

Approx: 18 lbs. (8.1 kg.) for 20°, 30°, 40° & 50°.

## LAMP DATA

Watts	Volts	ANSI Code	Manufacturer Lamp Code	Color Temp (°K)	Rated Life (Hours)	Rated Lumens	Correction Factor
375	115	—	HX400	3200°	300	10,000	.69
375	115	—	HX401	3050°	1500	8,500	.59
575	115	—	HX604	3250°	400	15,500	1.14
575	115	—	HX605	3100°	1500	13,500	—
600	230	GKV	HX600/HV230	3200°	400	15,000	1.00
575	115	GLC	HP600/6989P	3200°	400	15,500	—
575	115	GLA	HP600/6992P	3100°	1500	13,500	—
750	115	—	HX754	3200°	300	21,500	—
750	115	—	HX755	3050°	1500	18,250	—

## SHAKESPEARE PERFORMANCE CHART WITH GLC LAMP

Fixture Type	Candlepower (Candela)	Beam Angle (Degrees)	Field Angle (Degrees)	Efficiency (%)
S6-5	974,900	5°	7°	68
S6-10	791,000	7°	10°	60
S6-20	189,700	13°	20°	48
S6-30	149,200	18°	28°	54
S6-40	98,100	20°	38°	59
S6-50	46,300	23°	50°	55