

# DEDOLIGHT® SERIES 400



When the larger Series 400 lights were designed, we borrowed the dual lens concept from the small classic dedolight. This alone did not prove good enough for the high standards set for this series. We wanted the focusing range that had set apart the classic dedolight system from other lights. We also wanted a distinct clean beam with no stray light for lighting with utmost precision. Within the beam, we also wanted to eliminate hot spots that are typical of other lights. At the same time, it was important to eliminate the color distribution problems that usually plague daylight sources.

It took four years of intensive optical research to solve these problems. The seemingly endless series of computer simulations and prototypes resulted not only in several new patents protecting this new level of technology, but also provides the discerning professional with three outstanding precision tools.

The new triple zoom focus and relation computed double Aspherics<sup>2</sup> system is common to the:

- dedolight DLH400DT, 400 / 575 W daylight/tungsten version
- dedolight DLH650, 650W halogen light
- dedolight DLH436, 400W / 36V low voltage halogen light

In the professional community, these innovations found enthusiastic response and received both a Scientific and Engineering Award from the Oscar committee and the Emmy statuette from the Academy of Television Arts and Sciences.

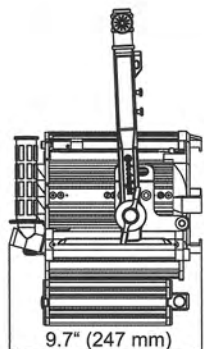
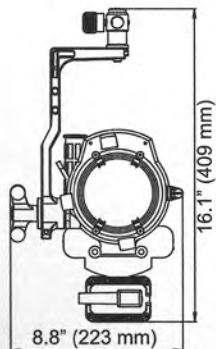


## DLH400DT Daylight Light Head

A fixture for single ended 400W daylight metal halide lamps with unrivaled focusing range and unequalled light quality. Can be operated at 575 W with the same lamp when used in conjunction with the dedolight DEB400DT electronic ballast. Matches optical design of the DP400 projection attachment for flawless performance.

### Technical Data: DLH400DT

Focus Angle:	50°-4.5°
Focus Intensity:	1 : 20
Focus Scale:	Indicates current angle of beam
Weight:	4400 g (9.7 lbs)
Lamp:	DL400DHR-NB 400W daylight single ended, Hot Restrike
Cable:	DPOW400DT, 7 m (23')
Mounting:	16 mm (5/8") receptacle and 28 mm (1 1/8") stud
Safety:	Safety switch prevents operation when access door is open
UV:	Extremely low UV emission
ON/OFF:	On/Off push buttons located on both head and ballast for ease of operation



## DEB400DT Flicker Free Ballast

Utilizing the latest technology, the DEB400DT electronic flicker free ballast was designed to power the DLH400DT, the dedoPAR and the DLH400SDT.

Light weight yet rugged, small yet powerful with every conceivable feature you would want.

- Dimmable (40%)
- Boost position for added light output (575W)
- Active power factor correction
- Auto start mode on request
- Over voltage, overload, overheat and short circuit protection
- Automatic input voltage adjustment from 90-260 V AC

### Technical Data: DEB400DT

Weight:	3400 g (7.5 lbs)
Wattage:	400/575 W
Input voltage:	Automatic sensing 90-260V AC
Mounting:	May be attached to light stand using DEB400H ballast holder (not included)
Safety:	Over voltage, overload, overheat and short circuit protection
Indicators:	Three LED status indicators (ready, lamp, heat)
Dimming range:	40%

