



>graphite 600

AD3652	GRAPHITE 600	OUTDOOR USE
AD3653	GRAPHITE 600 WHITE LIGHT	OUTDOOR USE
AD3657	GRAPHITE 600 MONOCHROME	OUTDOOR USE



GRAPHITE 600 is a weatherproofed 575W colour changer which has been designed for permanent exterior installation. The newly conceived outline provides for a compact and solid housing that blends discretely with any architectural environment. The standard optic group featured produces an electronically adjustable beam between 15° and 20°. In addition, the range of optical combinations gives the ability to narrow the beam aperture down to 10° or increase it up to a wide angle output of 45°. Beam shapers are also available for creative concepts. The subtractive colour changing system that features variable transmission CYM dichroic filters can create a virtually endless variety of colour hues and has been designed for excellent performance on smooth mixing between colour changes. The special effects configuration includes an electronic zoom, a mechanical shutter for instant black out, dimming and strobing facilities for dynamic lighting creations, remote lamp ON/OFF function and digital control of all tasks, including stand alone options and permanent colour selection, with a maximum of six channels of DMX signal. The powerful and reliable performance of the fully equipped GRAPHITE 600 is a breakthrough in the constantly evolving architectural stage.

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ACCESSORIES



AD3656
NARROW OUTPUT FILTER



AD3658
MEDIUM ANGLE OUTPUT FILTER



AD3660
WIDE OUTPUT FILTER



AD3662
BEAM SHAPER



AD4110
IP65 UNIVERSAL DMX CONTROLLER



AD4118
POWER CDI COMMANDER



AD4119
POWER CDI COMMANDER PLUS



AD4120
RADIO SIGNAL RECEIVER



AD4122
RADIO SIGNAL TRANSMITTER



AD4124
RADIO SIGNAL REPEATER



AD3654
BARNDOR



AD3666
SAFETY HOOK



LP0997
MSD 575W LAMP

TECHNICAL SPECIFICATIONS

LAMP

MSD 575 W, 43.000 lm, 6.000 K, average rated life 3.000 hours
GX 9.5 base (ordering code LP0997)

OPTICAL GROUP

Ø 127 mm ellipsoidal dichroic reflector coupled with an optical configuration that produces a beam angle combination which is electronically adjustable between 15° and 20°
Optional filters are available for alternative beam adjustments:
10°-15° narrow output filter (ordering code AD3656)
26° medium angle output filter (ordering code AD3658)
45° wide output filter (ordering code AD3660)
15°x38° beam shaper for use only with optional accessory AD3656 (ordering code AD3662)

COLOUR CHANGER SYSTEM

Variable transmission hatched dichroic filters for a CYM colour changer system that is operated by high precision stepping motors
The subtractive colour mixing system produces a linear 0 - 100% virtually unlimited colour creation
GRAPHITE 600 MONOCHROME and GRAPHITE 600 WHITE LIGHT are also available upon request

DYNAMIC EFFECTS

Electronic zoom
Variable speed instant black out effect
Linear mechanical dimmer function
8 FpS mechanical strobe system
Remote lamp on/off function

DIGITAL CONTROL

On-board control panel for digital data assignment and stand alone operation control
Eight pre-set selectable colour sequences and blends
Master and Slave
6 channels of standard DMX 512
Permanent colour option
Test mode for troubleshooting operation
Wireless DMX control system (ordering code AD4120, AD4122, AD4124)
IP65 universal DMX controller for full remote programmable control (ordering code AD4110)
Programming software with USB compatible download IP65 box (ordering code AD4118)
Enhanced programming software with USB compatible download IP65 box (ordering code AD4119)

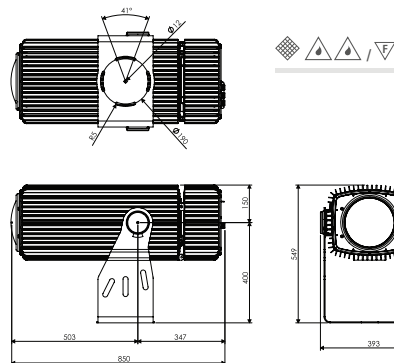
ELECTRICAL SPECIFICATIONS

Power supply:
standard 200-220 / 230-250V / 50-60Hz / 4A @ 230V
optional 90-120V / 50-60Hz / 8A @ 110V (with separate ballast set)
Power consumption: 680W
Self-resetting fuse protection
Electrical class: I
Meets CE safety standards
HOUSING
Extruded aluminium body, with adjustable universal mounting yoke
Scratch resistant polyester grey finish, protected against UV deterioration and general corrosion
Front tempered glass shock resistant
Convection cooling plus two internal axial fans keep the level of heat within the unit constant and help dissipation through the body
Certified IP65 protection rating for the most severe weather conditions
Shock resistance: 0.8J

WEIGHT

48 kg

Note: above mentioned technical specifications refer only to the CYM version



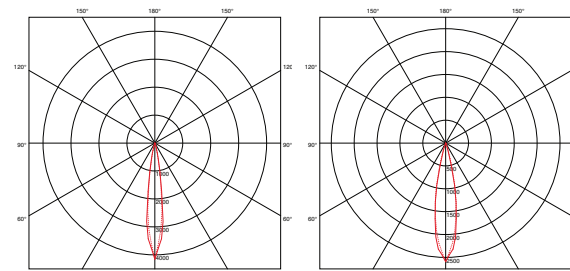
PHOTOMETRIC DIAGRAMS

AD3652 standard 15°

Total Flux 43000 lm
Maximum 8089 cd/kl

AD3652 standard 20°

Total Flux 43000 lm
Maximum 2593 cd/kl

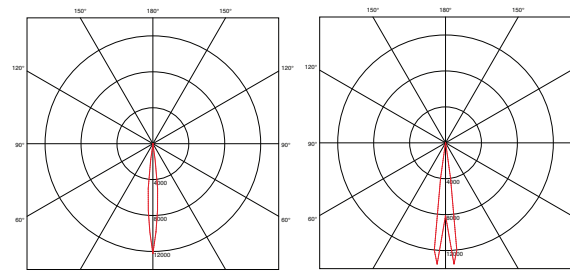


AD3652 + AD3656 10°

Total Flux 43000 lm
Maximum 12227 cd/kl

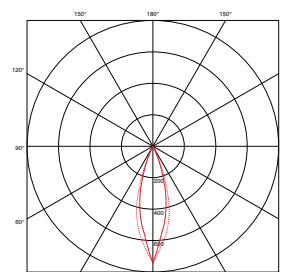
AD3652 + AD3656 15°

Total Flux 43000 lm
Maximum 8089 cd/kl



AD3652 + AD3658 26°

Total Flux 43000 lm
Maximum 742 cd/kl



AD3652 + AD3660 45°

Total Flux 43000 lm
Maximum 370 cd/kl

