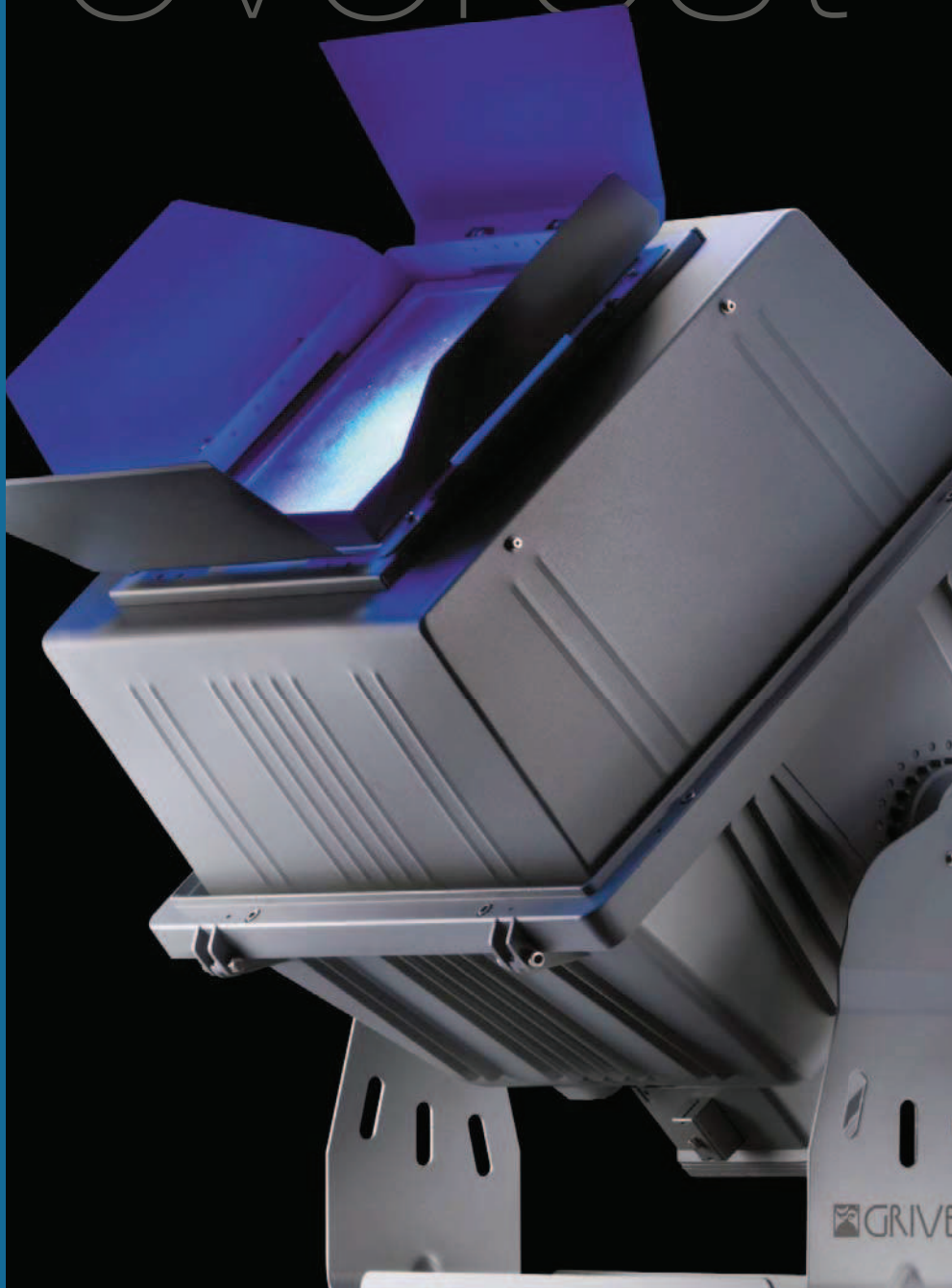


# everest



## >everest CYM 900

AD3462	EVEREST CYM 900	OUTDOOR USE
AD3463	EVEREST CYM 900 HFT	OUTDOOR USE



EVEREST CYM 900 uses the same housing as the Colosseo OS CYM 1000, and, due to the greater output of the MSD700 lamp, is an even more powerful alternative to the Colosseo. Standard 10° optics will produce an ultra narrow beam for great distances, the only trade off being a less smooth mix of colour changing at closer projection distances, due to the more focused image. This ultra bright, ultra narrow beam ability is probably unique from an IP 65 rated colour changer. However, the standard front diffusion glass and the manually adjustable zoom between 18° and 24° make the projector highly suitable for long distance coverage, as well.





# everest CYM 900

## ACCESSORIES



**AD3257**  
EXPANSION FILTER



**AD3248**  
FIXING PLATE



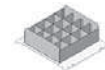
**AD3268**  
WIDE ANGLE FILTER



**AD3256**  
BARNDOOR



**AD4110**  
IP65 UNIVERSAL DMX CONTROLLER



**AD3259**  
B-HIVE BEAM SHIELD



**AD4116**  
POWER CDI COMMANDER



**LP0700**  
MSD 700W LAMP



**AD4119**  
POWER CDI COMMANDER PLUS



**AD4120**  
RADIO SIGNAL RECEIVER



**AD4122**  
RADIO SIGNAL TRANSMITTER



**AD4124**  
RADIO SIGNAL REPEATER

## TECHNICAL SPECIFICATIONS

### LAMP

Metal halide lamp MSD 700, 700 W, 50.500 lm, 6.000 K  
Average rated life 3,000 hours, G22 base (ordering code LP0700)

### OPTICAL GROUP

The optical system utilises an aluminium parabolic reflector to produce a soft edge beam between 18° and 24° by the manual zoom adjustment. A 10° hard edge beam to reach greater distances is available by the removal of the front filter.  
Additional filters are available for alternative beam adjustments:  
18°x54° expansion filter (ordering code AD3257)  
20°x22° wide angle filter (ordering code AD3268)

### COLOUR CHANGER SYSTEM

CYM colour changer system operated by high precision step motors, whereby the mixing of cyan, yellow and magenta dichroic filters can create virtually any desired colour.

### BLACK-OUT

Variable speed black out effect.  
Linear 0-100% dimmer function.  
2.8 FpS strobe maximum speed.

### DIGITAL CONTROL

On-board dip-switch panel for digital data assignment and stand alone operation control  
Eight pre-set selectable colour sequences and blends  
Master and Slave  
5 channels of standard DMX 512  
Remote lamp on/off function  
Test mode for troubleshooting operation  
HFT version with wireless DMX receiver  
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:  
200-220 / 230-250V / 50-60Hz / 5.4A @ 230V  
Power consumption: 900W  
Self resetting fuse protection  
Electrical class: I  
Meets CE safety standards

### HOUSING

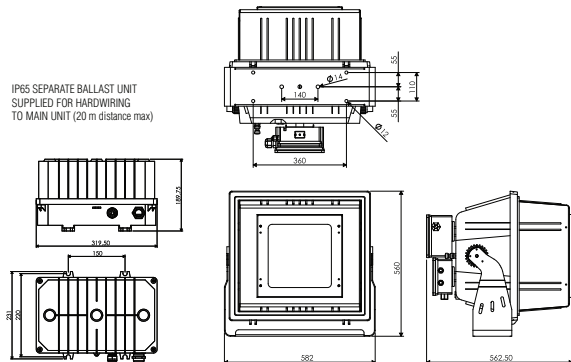
Pressure diecast aluminium body, with an adjustable mounting yoke.  
Scratch resistant polyester grey finish, which protects against UV deterioration and general corrosion  
Front tempered glass shock resistant  
Convection cooling plus an internal axial fan keep the level of heat within the unit constant and help dissipation through the body  
Certified IP65 protection rating  
Shock resistance: 0.8J

### WEIGHT

Unit = 33.4 Kg  
Ballast = 14.1 Kg



IP65 SEPARATE BALLAST UNIT  
SUPPLIED FOR HARDWIRING  
TO MAIN UNIT (20 m distance max)

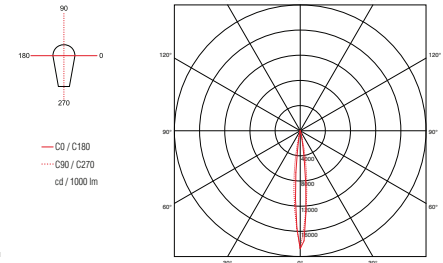


## PHOTOMETRIC DIAGRAMS

Total flux 23356 lm  
Maximum 18747 cd/Klm



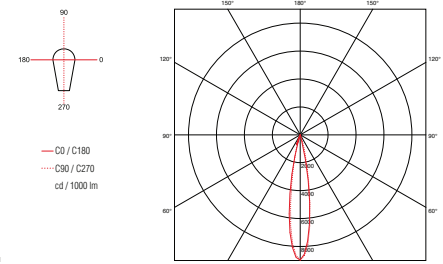
**AD3462**  
**AD3463**  
Without standard filter



Total flux 21580 lm  
Maximum 8970 cd/Klm



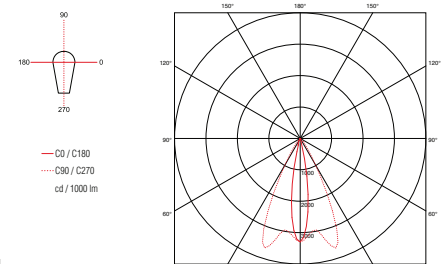
**AD3462**  
**AD3463**



Total flux 20849 lm  
Maximum 3668 cd/Klm



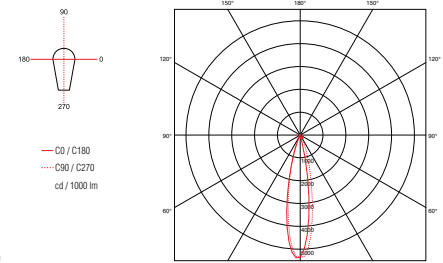
**AD3462+AD3257**  
**AD3463+AD3257**



Total flux 15588 lm  
Maximum 5349 cd/Klm



**AD3462+AD3268**  
**AD3463+AD3268**



# everest

