

The Freedom Range for Medium to Large Stages

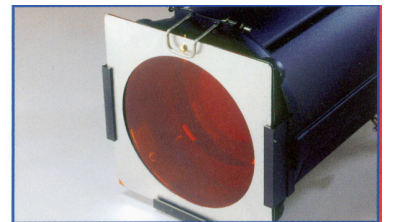
- Lamp tray removal automatically disconnects from the supply
- Large locking knob and square plate allows centre positioning of lamp filament
- Peak - Flat - Cosine adjustment of light field by smaller rear knob
- Two position hoop mounting point-reversible cantilevered hoop as an aid to balance
- Finished in black for exceptional aesthetics
- Dimmer slides onto the lamp house underside on two keyways
- A heavy duty lamp holder heat sink keeps the lamp seal within the recommended temperature levels
- All operating knobs and handles remain cool during extended use



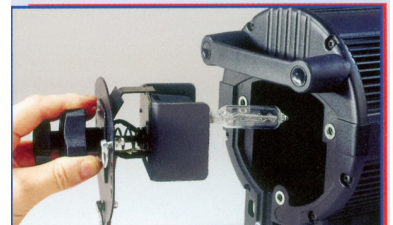
- HIGH EFFICIENCY FACETTED REFLECTOR FOR A FLAT FIELD AND EVEN BEAM QUALITY
- NEW SPECIALLY DESIGNED ASPHERIC LENS SYSTEM
- AUTOMATIC DISCONNECTION OF POWER SUPPLY ON LAMP CHANGE
- ENERGY SAVING LAMPS EQUIVALENT OUTPUT OF TRADITIONAL 1KW AND 2KW UNITS BUT LOWER ENERGY CONSUMPTION
- CAN BE USED WITH AN INTEGRATED FREEWAY RADIO DIMMER
- OPTICAL SYSTEM GIVES EVEN BEAM, GREAT DEPTH OF FIELD AND IMAGE CLARITY—ENSURING GOBOS STAY IN FOCUS REGARDLESS OF THE PROJECTION ANGLE

THE FREEDOM RANGE OF LANTERNS	
Z00MG	7 TO 17 DEG
Z00ML	16 TO 30 DEG
Z00MF	28 TO 58 DEG

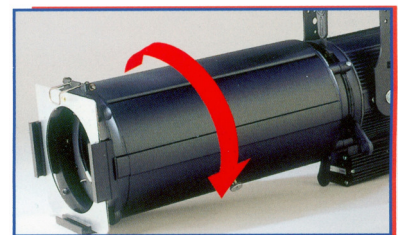
Freedom Accessories
A full range of standard accessories is available for all Freedom luminaires.

Colour frame and cassette



Relamping



Interchangeable lamphouse and lenstube

PHOTOMETRIC DATA



ZOOMF PROFILE (800W HX800)				
MINIMUM ANGLE				
PEAK CANDELA	56,016			
BEAM ANGLE	21.0			
CUT OFF ANGLE	28.0			
DISTANCE (M)	6	9	12	15
CUT OFF DIA (M)	2.99	4.49	5.98	7.48
PEAK ILLUMINATION (LUX)	1556	691	389	249

MAXIMUM ANGLE				
PEAK CANDELA	15,012			
BEAM ANGLE	43.0			
CUT OFF ANGLE	58.0			
DISTANCE (M)	6	9	12	15
CUT OFF DIA (M)	6.65	4.82	6.43	8.04
PEAK ILLUMINATION (LUX)	422	188	106	68



ZOOMML PROFILE (800W HX800)				
MINIMUM ANGLE				
PEAK CANDELA	158,400			
BEAM ANGLE	12.0			
CUT OFF ANGLE	16.0			
DISTANCE (M)	6	9	12	15
CUT OFF DIA (M)	1.69	2.53	3.37	4.22
PEAK ILLUMINATION (LUX)	4400	1956	1100	704

MAXIMUM ANGLE				
PEAK CANDELA	110,403			
BEAM ANGLE	20.0			
CUT OFF ANGLE	30.0			
DISTANCE (M)	6	9	12	15
CUT OFF DIA (M)	3.22	4.82	6.43	8.04
PEAK ILLUMINATION (LUX)	3067	1363	767	491



ZOOMMG PROFILE (800W HX800)				
MINIMUM ANGLE				
PEAK CANDELA	236,550			
BEAM ANGLE	6.25			
CUT OFF ANGLE	7.0			
DISTANCE (M)	6	12	18	21
CUT OFF DIA (M)	0.72	1.44	2.16	2.52
PEAK ILLUMINATION (LUX)	6571	1643	730	536

MAXIMUM ANGLE				
PEAK CANDELA	189,780			
BEAM ANGLE	10			
CUT OFF ANGLE	17.0			
DISTANCE (M)	6	12	18	21
CUT OFF DIA (M)	1.8	3.6	5.4	6.3
PEAK ILLUMINATION (LUX)	5272	1317	586	430

RECOMMENDED LAMPS				
GKV	600W	230V	14000 LUMENS	300HRS
HX800	800W	230V	20000 LUMENS	250 HRS

TYPICAL PERFORMANCE BASED ON HX800 800W 230V BI-PLANE 300 HR 3100K ALL PHOTOMETRIC DATA IS INDICATIVE OF TYPICAL PERFORMANCE ONLY. SPECIFICATIONS AND MATERIALS MAY BE CHANGED WITHOUT PRIOR NOTICE

ACCESSORIES

- Z0005-FS FREEDOM FOLLOWSPOT DIMMER
- Z0002/F FREEDOM SPARE SHUTTER SET
- Z0018 FREEDOM DROP IN IRIS
- Z0047 FREEDOM DROP IN MASK SET (16,30,50,60MM)
- Z0121 FREEDOM GOBO HOLDER 'A' SIZE
- Z0121B FREEDOM GOBO HOLDER 'B' SIZE
- Z0011 FREEDOM SPARE COLOUR FRAME
- Z0003 FREEDOM SAFETY MESH
- Y0083 HOOK CLAMP
- Y0082 SAFETY BOND

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