

10. Technical specifications

Power supply:

- EU-model: Voltage.....208/230/240 V AC, 50/60 Hz ~
 - Fuse.....T 3.15 A@230V
- US-model: Voltage.....100/120/208/230/240 V AC, 50/60 Hz ~
 - Fuse.....T 6.3 A@120V
 - Power consumption.....500VA

Lamps:

Philips MSD 250 or MSD250/2 GY9.5

Optical system:

- High luminous-efficiency parabolic mirror and double condenser system
- Multi-step zoom (15°, 18°, 21°, 24°, 26°)
- All lenses are anti-reflection coated

Colours:

Colour - wheel :

- 7 dichroic-filters plus white, colour-wheel with variable rotation speed in both directions

Colour/static gobo - wheel:

- 3 dichroic-filters plus white

Static gobos:

- 3 dichroic gobos plus an open position
- Outside diameter= 37.3 mm, image diameter= 31 mm, thickness=1.1mm
- Material: high temperature borofloat or better glass

Rotating gobos:

- Rotating gobo-wheel with 5 interchangeable rotating gobos plus open
- Rotating gobo-wheel cont. rotation
- 4 metal gobos and 1 glass gobo rotating in both directions at different speeds
- Rotating gobos can be turned by 360°, the adjusted position is memorized
- Gobo indexing
- Metal gobos: outside diameter= 37.3 mm, image diameter =31.5 mm, stainless steel, thickness=0.15mm
- Glass gobo: outside diameter= 37.3 mm, image diameter =31.5 mm, high temperature borofloat or better glass, max. thickness=4mm

Strobe:

- Strobe effect with variable speed (1 - 10 flashes per second)
- Preprogrammed variable/random strobe and dimmer pulse-effects

Dimmer:

- Smooth dimmer from 0 - 100 %

Prism:

- 3-facet-prism rotating in both directions at different speeds
- Macro-function for rotating gobos/rotating prism combinations

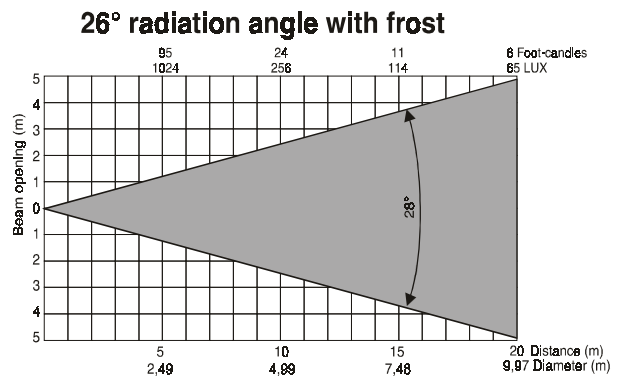
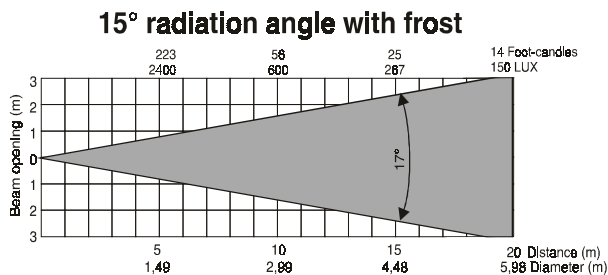
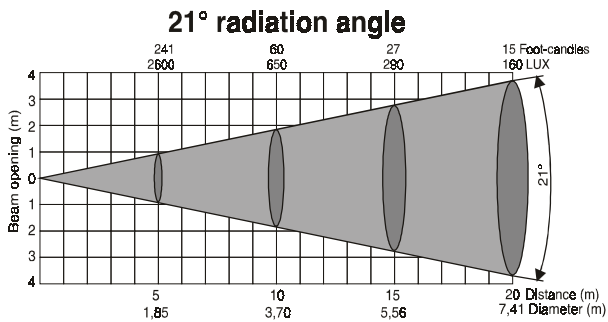
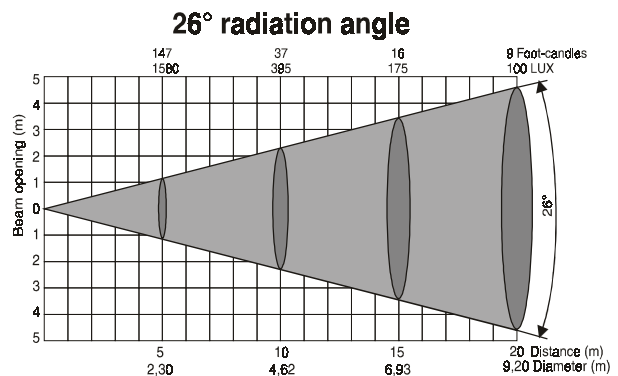
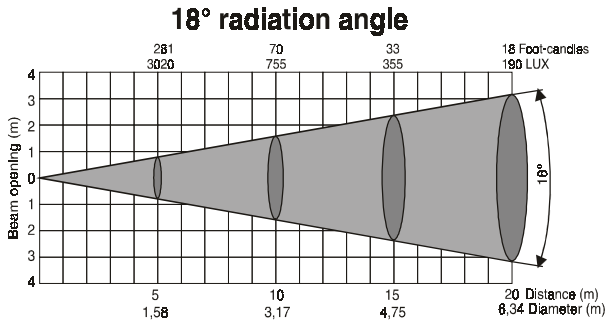
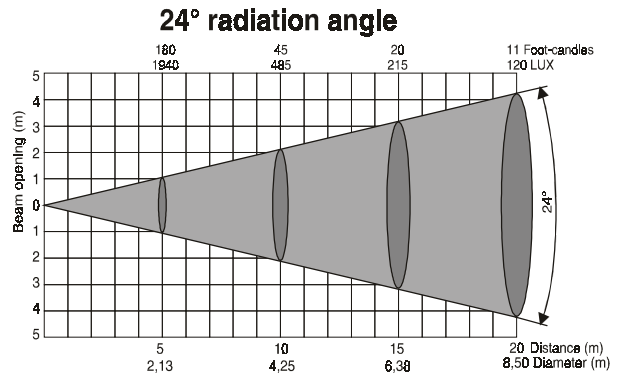
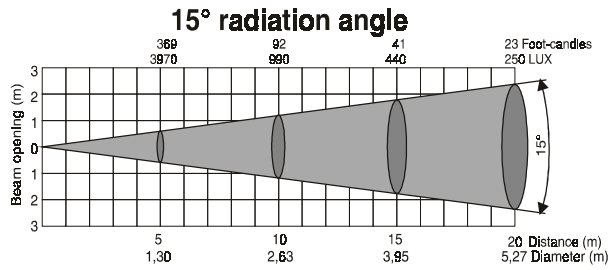
Focus:

- Remotely controllable motorized focus from near to far

Motors:

- 10 high quality stepping-motors controlled by microprocessors

Beampath:



Electronics:

- Addressing, special functions setting, effects calibration via control panel with 4-digit LED display
- Readout fixture and lamp usage, receiving DMX values, temperature, etc
- Built-in analyzer for easy fault finding, error messages
- Remotely switching of the lamp
- Built-in demo sequences
- Black-out while head moving or gobo/color changing
- 5 fan speed modes, remotely controllable speed of fans
- Self-resettable thermo-fuse
- Master/slave operation
- Stand-alone operation
- Digital serial input DMX-512
- DMX-control via every standard DMX controller
- 14 DMX-channels (8 bit Pan/Tilt movement resolution)
- 16 DMX-channels (16 bit Pan/Tilt movement resolution):

Channel	Mode 1-16bit (default)	Mode 2-16bit	8 bit
1	Pan	Pan	Pan
2	Tilt	Fine Pan	Tilt
3	Fine Pan	Tilt	Pan/Tilt speed
4	Fine Tilt	Fine Tilt	Fans,Lamp On/Off
5	Pan/Tilt speed	Pan/Tilt speed	Colour 1
6	Fans, On/Off lamp	Fans, On/Off lamp	Colour2/stat.gobo
7	Colour 1	Colour 1	Prism
8	Colour 2/stat.gobo	Colour 2/stat.gobo	Prism control
9	Prism	Prism	Rotating gobo
10	Prism control	Prism control	Rot.gobo rotation
11	Rotating gobo	Rotating gobo	Zoom
12	Rot.gobo rotation	Rot.gobo rotation	Focus
13	Zoom	Zoom	Strobe
14	Focus	Focus	Dimmer
15	Shutter, strobe	Shutter, strobe	
16	Dimmer	Dimmer	

Pan/Tilt:

- Pan movement range 530°
- Tilt movement range 280°
- 8/16 bit movement resolution
- Automatic Pan / Tilt position correction
- Maximum PAN-movement 530° in 2.7 s
- Maximum TILT-movement 280° in 1.7 s
- Remotely controllable speed of Pan/Tilt movement for easy programming

Rigging:

- Stands directly on the floor
- Mounts horizontally or vertically with 2 clamps
- 2 truss orientation
- Safety chain/cord attachment point

Temperatures:

- Maximum ambient temperature t_a : 45° C
- Maximum housing temperature t_b (steady state): 80° C

Minimum distances:

- Min.distance from flammable surfaces: 0,5m
- Min.distance to lighted object: 1,3m

Accessories

- Accessories gobo-set 5.....15050014
- Omega holder (2 pieces).....99010420

Optional accessories:

- Mounting plate.....99010500

Dimensions and weight:

- Length of base (including handles): 380 mm
- Width : 377 mm
- Height (head horizontal): 476 mm
- Weight (net): 19 kg
- Shipping weight: 24 kg