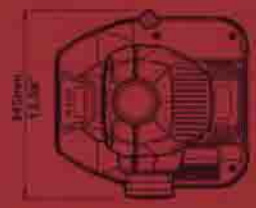
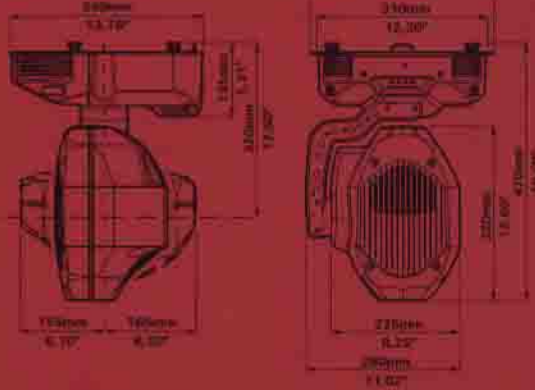
iSPOT 150





Body
- self-extinguishing V0 class fire-retardant ABS, with internal elements in light gauge aluminium and steel
- easily accessible lampholder
- high voltage G 12 lamp base
- easy access to all internal components silent convection cooling
- IP20 protection rating
- conforms to all CE norms

Lamp
- 150W CDM-SA/T Philips

Optics
- "cold glass" parabolic dichroic reflector to dissipate heat (infrared)
- 5 high-definition optical objective lenses, with anti-reflective achromatic coating
- lamp adjustment via external regulators allows for maximum homogeinity or light intensity

Movement
- articulated movement: pan 538° tilt 270°
- 16 bit beam positioning
- immediate reaction to DMX 512 signal, adjustable low inertia inversion facility
- able to synchronise movement and blackout effect

Gobos
- 6 interchangeable gobos + open, rotating in both directions at variable speed with accurate 14 bit positioning
- wide range of metal, glass and multicolour custom gobos
- proportional gobo positioning in the optical path
- gobo shake effect with adjustable speed and travel
- 'slide' effect: gobo changes can be synchronised with the blackout shutter

Strobe/Chaser/Black-out
- adjustable strobe effect in synchronised or random mode
- black-out shutter
- programmable sequential effect at variable speed

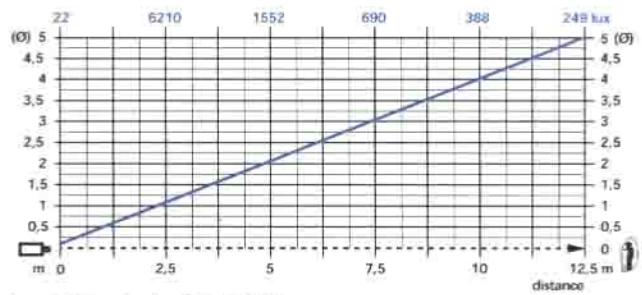
Colour
- 7 colours + white on colour wheel rotating at variable speed in both directions
- proportional colour positioning in the optical path
- 'slide' effect: colour changes can be synchronised with the blackout shutter

Focusing
- motorised focus lens

Automated functions
- iSpot can operate in the absence of a controller with its onboard controller allowing 9 programs of up to 144 scenes using coemar's PPF
- scene changes can be stepped in either automated, manual or in sound-to-light modes
- internal microphone
- synchronised master/slave ability amongst multiple projectors which are able to operate different programs
- able to operate the internal programs and their parameters via 6 channels of DMX 512

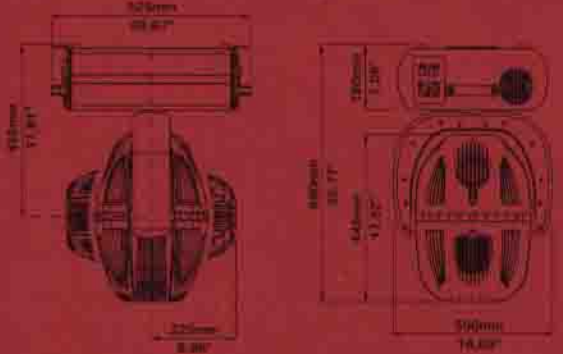
Hardware features
- DMX signal reception indicator and characteristic feature display
- control by DMX 512 standard signal via 3 pin XLR
- on/off switch
- micro-step driven stepper motors
- 4 menu/function buttons for selecting the operation mode
- led display
- over temperature protection
- ultra-flexible torsion cables conductors

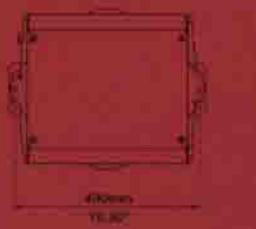
Software features
- dmx addressing settable via multifunction display
- on/off display
- indication of the lamp and the fixture working life
- adjustable cooling parameter
- display can be inverted
- electronic motor calibration
- lamp on/off via digital signal with ability to disable
- reversal pan and tilt
- repositioning in case of accidental misalignment of the fixture and ability to disable
- built-in features test facility
- position of projector for lamp on/off can be recorded
- unit on/off ability without pan/tilt movement
- software version indicator
- unit is set for remote display reading



Lamp: 150W mastercolour CDM - SA/T Philips

i SPOT 575





Body
- self-extinguish and fire-retardant class V0 ABS material and aluminium light alloy and steel internal components
- GX 9,5 lamp base
- sturdy lateral handles for easy transport
- easy access to all internal parts
- easy accessible lamp holder
- silent convection ventilation
- IP20 protection rating
- meets standards CE

Lamps available
- 575W MSD Philips
- 575W MSR/2 Philips

Optics
- "cold type" heat dissipating parabolic reflector with quartzed dichroic finish (infrared)
- high definition achromatic coating focusing and step zoom lenses
- external lamp adjustment in the optical system

Movement
- articulated movement of the projector body: pan 385° tilt 260°
- 16 bit light beam positioning

Gobos
- 12 rotating gobos, mounted on two wheels of 6 gobos each + 'open', superimposable to achieve a wide range of images
- rotating and contra-rotating at adjustable speed
- high precision positioning (14 bits)
- easily interchangeable
- wide range of metal, glass and multicolour custom gobos
- proportional position in respect to the optical axes

Dimmer
- built-in mechanical electronically controlled dimmer for complete adjustment of light output from 0 to 100%

Prisms
- 1 rotating variable speed prism for image multiplication, variable speed rotating and contra-rotating, that can be used in combination with other effects

Strobo/Chaser/Black-out
- strobing effect with adjustable flashing speed, synchronised or random
- black-out
- programmable chaser effect with adjustable speed

Iris
- motorised iris diaphragm, pulsing effect

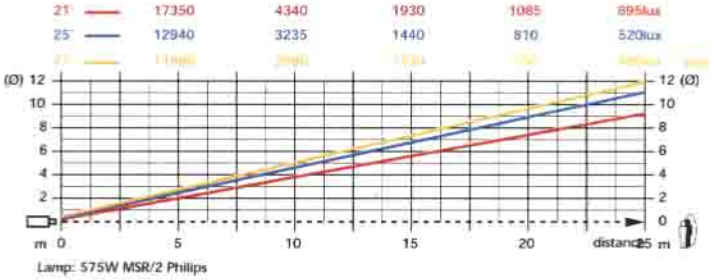
Colour
- 12 dichroic colours, mounted on two wheels of 6 colours each, plus 'white', superimposable to achieve infinite shades
- proportional or centred position of colours on the wheels in respect to the optical axes
- rainbow effect

Focusing
- motorised focusing lens

Step zoom
- 3 different projection angles:
  21°
  25°
  27° with iris diaphragm

Hardware devices
- DMX signal reception indicator and characteristic feature display
- control by DMX 512 standard signal via 3 pin XLR
- mains switch
- micro-step driven stepper motors
- 4 menu/function buttons for selecting the operation mode
- led display
- built-in ballast, ignitor and power factor correction
- over temperature protection
- ultra-flexible torsion cables conductors

Software devices
- digital numeric addressing of the projector via digital multifunction display
- on/off display
- indication of the lamp and the fixture working life
- ventilation regulated by an internal timer
- display can be inverted
- electronic motor adjustment
- lamp on/off via DMX signal with ability to disable
- reversal of pan and tilt movement
- repositioning in case of accidental misalignment of the fixture and ability to disable
- built-in features test facility
- lamp on/off ability without pan/tilt movement



Lamp: 575W MSR/2 Philips

ProSpot 150 LX

Body
- self-extinguishing V0 class fire-retardant ABS, with internal elements in light gauge aluminium and steel
- easily accessible lampholder
- silent convection cooling
- high voltage G 12 lamp base
- easy access to all internal components
- IP20 protection rating
- conforms to all norms CE

Lamp
- 150W CDM-SA/T Philips

Optics
- elliptical multi-facet aluminium coated reflector
- 2 optical focusing objective lenses
- lamp adjustment via external regulators allows for maximum homogeinity or light intensity

Movement
- articulated movement: pan 538° tilt 270°
- 16 bit beam positioning
- immediate reaction to DMX 512 signal, adjustable low inertia inversion facility
- able to synchronise movement and blackout effect

Gobos
- 6 gobos "+ open", easily intechangeable
- wide range of metal, glass and multicolour custom gobos
- proportional gobo positioning in the optical path
- gobo shake effect with adjustable speed and travel
- 'slide' effect: gobo changes can be synchronised with the blackout shutter

Strobe/Chaser/Black-out
- adjustable strobe effect in synchronised or random mode
- black-out
- programmable sequential effect at variable speed

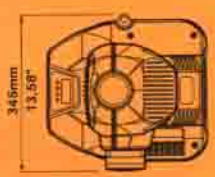
Colour
- 7 colours + white on colour wheel rotating at variable speed in both directions
- proportional colour positioning in the optical path
- 'slide' effect: colour changes can be synchronised with the blackout shutter

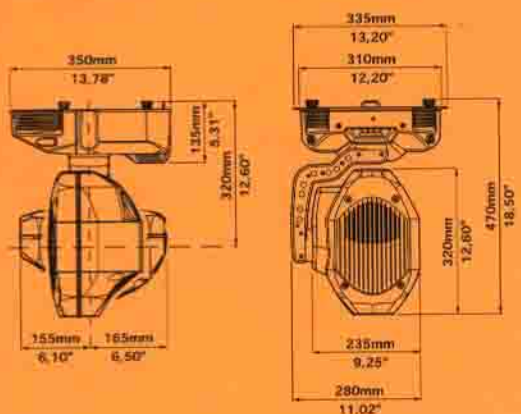
Focusing
- motorised focusing lens

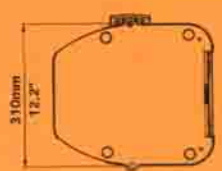
Automated functions
- iSpot can operate in the absence of a controller with its onboard controller allowing 9 programs of up to 144 scenes using coemar's facility PPF
- scene changes can be stepped in either automated or manual mode
- synchronised master/slave ability amongst multiple projectors which are able to operate different programs
- able to operate the internal programs and their parameters via 6 channels of DMX 512

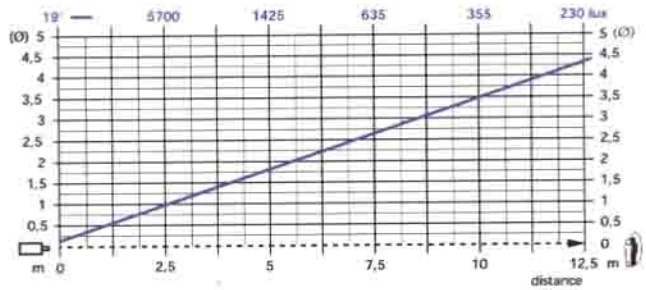
Hardware features
- DMX signal reception indicator and characteristic feature display
- control by DMX 512 standard signal via 3 pin XLR
- on/off switch
- micro-step driven stepper motors
- 4 menu/function buttons for selecting the operation mode
- led display
- over temperature protection
- ultra-flexible torsion cables conductors

Software features
- dmx addressing settable via multifunction display
- on/off display
- indication of the fixture working life
- display can be inverted
- electronic motor calibration
- reversal pan and tilt
- repositioning in case of accidental misalignment of the fixture and ability to disable
- built-in features test facility
- position of projector for lamp on/off can be recorded
- unit on/off ability without pan/tilt movement
- software version indicator
- unit is set for remote display reading dr1



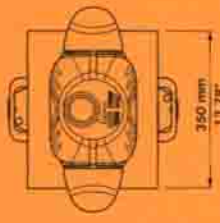


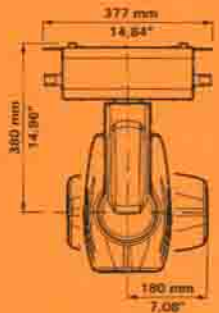


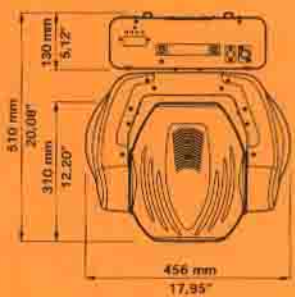


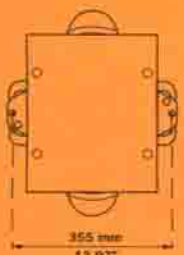
Lamp: 150W mastercolour CDM - SA/T Philips

ProSpot 250 LX









Body
- self-extinguish and fire-retardant class V0 ABS material and aluminium light alloy and steel internal components
- GY 9,5 lamp base
- sturdy lateral handles for easy transport
- easy access to all internal parts
- silent convection ventilation
- IP20 protection rating
- meets standards CE

Lamp
- 250W MSD/2 Philips

Optics
- condensor optic and borosilicate, aluminium coated reflector
- high definition achromatic coating focusing lens
- external lamp adjustment in the optical system

Movement
- articulated movement of the projector body: pan 530° tilt 284°
- 16 bit light beam positioning
- immediate reaction to the DMX input data, low inversion inertia
- able to synchronise movement and blackout effect

Gobos
- 6 high precision, interchangeable gobos, variable speed rotating and contra-rotating + open
- wide range of metal, glass and multicolour custom gobos
- proportional position in respect to the optical axes
- gobo "shake" effect adjustable speed
- 'slide' effect: gobo changes can be synchronised with the blackout shutter

Dimmer
- built-in mechanical electronically controlled dimmer for complete adjustment of light output from 0 to 100%

Prismi
- 1 rotating variable speed prism for image multiplicating that can be used in combination with other effects

Strobe/Chaser/Black-out
- strobing effect with adjustable flashing speed, synchronised or random
- fading pulse effect
- black-out
- programmable chaser effect with adjustable speed

Colour
- 11 colour plus white
- proportional position in respect to the optical axes
- 'slide' effect: colour changes can be synchronised with the blackout shutter
- rainbow effect

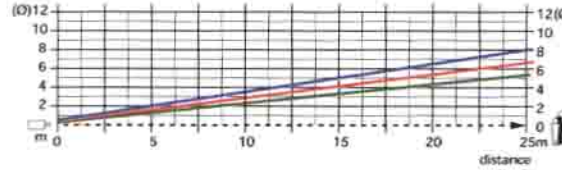
Focusing
- motorised focusing lens

Beam angle
- standard: 15°
- optional - with coemar code OB 06: 12°
- optional - with coemar code OB 07: 18°

Hardware devices
- DMX signal reception indicator and characteristic feature display
- control by DMX 512 standard signal via 3 pin XLR
- mains switch
- micro-step driven stepper motors
- 4 menu/function buttons for selecting the operation mode
- led display
- over temperature protection
- ultra-flexible torsion cables conductors

Software devices
- digital numeric addressing of the projector via digital multifunction display
- on/off display
- indication of the lamp and the fixture working life
- ventilation regulated by an internal timer
- display can be inverted
- electronic motor adjustment
- lamp on/off via DMX signal with ability to disable
- reversal of pan and tilt movement
- repositioning in case of accidental misalignment of the fixture and ability to disable
- built-in features test facility
- lamp on/off ability without pan/tilt movement
- software version indication
- unit is set for remote display reading

12°	5658	1414	629	354	226 lux	(optional cod. OB 07)
15°	4352	1088	484	272	174 lux	(standard)
18°	2688	672	299	168	108 lux	(optional cod. OB 06)



Lamp: 250W MSD/2 Philips

ColourCyc 250 LX

Body
- manufactured from aluminium, stainless steel sheet
- painted components are padded with weather protection, high resistance matt black polyester paint
- self-extinguish, fire-retardant class V0 ABS material cover, with 20% glass fiber
- GY 9,5 lamp base
- IP20 protection rating
- two side knob to adjust the tilt position
- meets standards CE

Lamps available
- 250W/2 MSD Philips
- 250W MSD Philips

Ventilation
- silent forced ventilation
- self adjustment of cooling fan speed according to lamp status
- ventilation feedback allows automatic switching off of the lamp in case of malfunctions

Optics
- elliptical multi-facet borosilicate aluminium coated reflector

Beam shaping device
- 4 interchangeable prismatic lenses to obtain different projection angles and beam shapes
- the 4 diffusion and shaping lenses are rotatable on their own axes to obtain light projection on 360°

Dimmer
- built-in mechanical electronically controlled dimmer for complete adjustment of light output from 0 to 100%

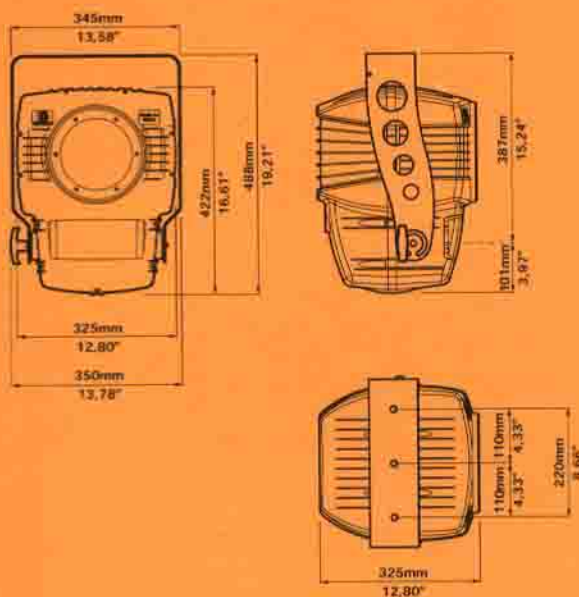
Chaser/Black-out
- black-out
- programmable chaser effect at adjustable speed

Colour
- 4 dichroic colours + "white"
- adjustable speed rainbow effect
- step or proportional colour positioning in respect of the optical axis

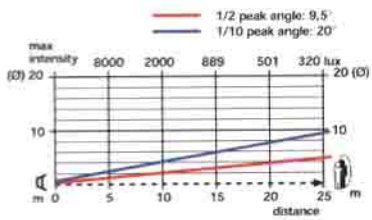
Automated functions
- internal automatic programs
- it can operate in the absence of a controller
- synchronised master/slave ability
- able to operate the internal programs and their parameters via DMX 512

Hardware devices
- DMX signal reception indicator and fans functioning indicator
- mains switch
- control by DMX 512 standard signal via 3 pin XLR
- built-in electro-magnetic ballast, ignitor and power factor corrections
- micro-step driven stepper motors
- dip-switches for function mode selection
- over temperature protection

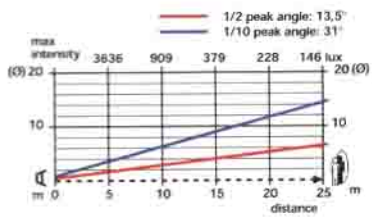
Software devices
- electronic motor calibration
- lamp on/off via digital signal with ability to disable
- built-in features test facility
- unit is set for remote display reading



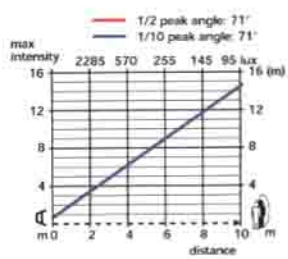
Beam shape: round
Soft diffusion lens (code VT 171/3)



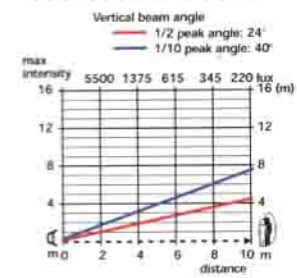
Beam shape: round
Medium diffusion lens (code VT171/1)

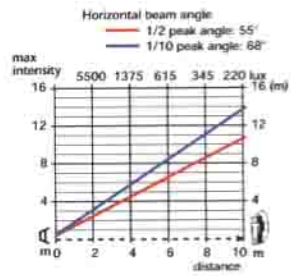


Beam shape: square
Max diffusion lens (code VT 171/2)



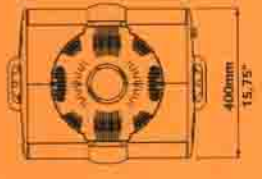
Beam shape: rectangular
Shaping lens (code VT 171)

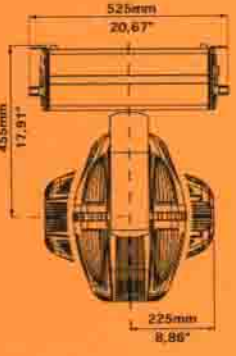


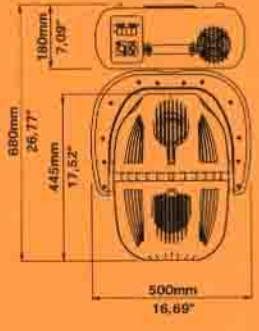


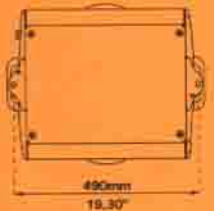
Lamp: 250 W MSD/2 Philips

ProSpot 575 LX









Body
- self-extinguish and fire-retardant class V0 ABS material and aluminium light alloy and steel internal components
- GX 9,5 lamp base
- sturdy lateral handles for easy transport
- easy access to all internal parts
- easy access to the lampholder
- silent convection ventilation
- IP20 protection rating
- meets standards CE

Lamps available
- 575W MSD Philips
- 575W MSR/2 Philips

Optics
- elliptical multi-facet borosilicate aluminium coated reflector
- high definition achromatic coating focusing lens
- external lamp adjustment in the optical system

Movement
- articulated movement of the projector body: pan 385° tilt 260°
- 16 bit light beam positioning

Gobos
- 6 gobos + 'open', rotating in both direction, superimposable to fixed gobos, positioning at 14 bits
- 6 fixed gobos + 'open'
- wide range of metal, glass and multicolour custom gobos easily interchangeable
- proportional position in respect to the optical axes

Dimmer
- built-in mechanical electronically controlled dimmer for complete adjustment of light output from 0 to 100%

Prisms
- 1 variable speed prism rotating in both directions for image multiplication that can be used in combination with other effects

Strobe/Chaser/Black-out
- strobing effect with adjustable flashing speed, synchronised or random
- black-out
- programmable chaser effect with adjustable speed

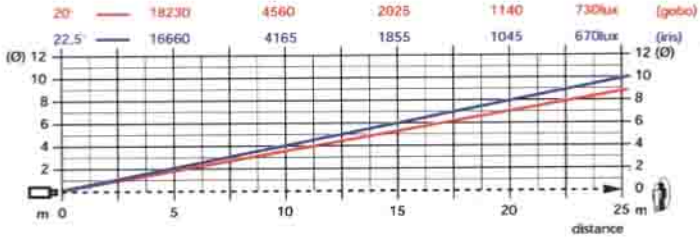
Iris
- motorised iris diaphragm, pulsing effect

Colour
- 6 dichroic colours plus 'white'
- proportional or centred position in respect to the optical axes
- rainbow effect

Focusing
- motorised focusing lens

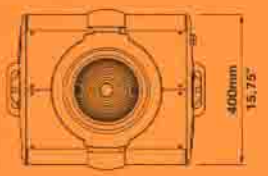
Hardware devices
- DMX signal reception indicator and characteristic feature display
- control by DMX 512 standard signal via 3 pin XLR
- mains switch
- micro-step driven stepper motors
- 4 menu/function buttons for selecting the operation mode
- led display
- built-in ballast, ignitor and power factor correction
- over temperature protection
- ultra-flexible torsion cables conductors

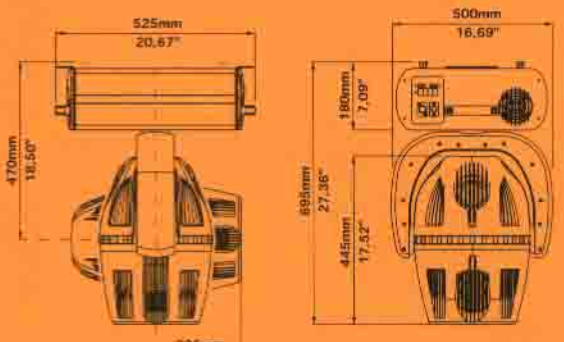
Software devices
- digital numeric addressing of the projector via digital multifunction display
- on/off display
- indication of the lamp and the fixture working life
- ventilation regulated by an internal timer
- display can be inverted
- electronic motor adjustment
- lamp on/off via DMX signal with ability to disable
- reversal of pan and tilt movement
- repositioning in case of accidental misalignment of the fixture and ability to disable
- built-in features test facility
- lamp on/off ability without pan/tilt movement

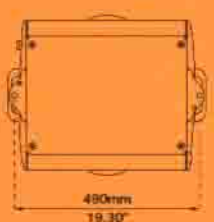


Lamp: 575 W MSR/2 Philips

ProWash 575 LX







Body
- self-extinguish and fire-retardant class V0 ABS material and aluminium light alloy and steel internal components
- GX 9,5 lamp base
- sturdy lateral handles for easy transport
- easy access to all internal parts
- easy access to the lamp holder
- silent convection ventilation
- self regulation of fans speed
- IP20 protection rating
- meets standards CE

Lamps available
- 575 MSD Philips
- 575 MSR/2 Philips

Optics
- "cold type" heat dissipating parabolic reflector with quartzed dichroic finish (infrared)
- zoom composed by plano-convex lens anti-reflection coated and fresnel lens Ø 185 mm
- external lamp adjustment in the optical system

Movement
- articulated movement of the projector body: pan 385° tilt 260°
- 16 bit light beam positioning
- able to synchronise movement and blackout effect

Dimmer
- built-in mechanical electronically controlled dimmer for complete adjustment of light output from 0 to 100%

Strobe/Chaser/Black-out
- strobing effect with adjustable flashing speed, synchronised or random
- fade pulse effect
- black-out
- programmable chaser effect with adjustable speed

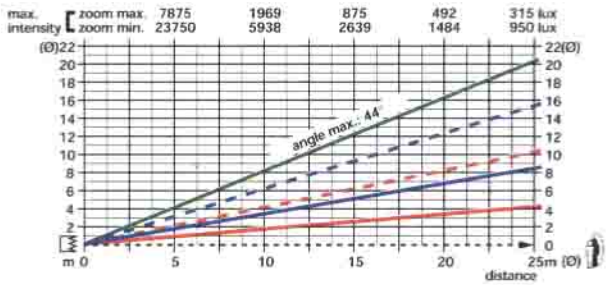
Colour
- infinite colour output via CMY colour mixing system
- 6 solid colours + white on colour wheel
- rainbow effect
- multi-color effect
- CTO filter
- CTB filter
- 'slide' effect: colour changes can be synchronised with the blackout shutter

Beam shaping device
- rotating filter (beam shaping) for 180° shaping (par effect)

Progressive zoom
- from 9,5° to 23° (half peak angle) from 19° to 34° (1/10 peak angle)
- maximum angle: 44°

Hardware devices
- DMX signal reception indicator and characteristic feature display
- control by DMX 512 standard signal via 3 pin XLR
- mains switch
- micro-step driven stepper motors
- 4 menu/function buttons for selecting the operation mode
- led display
- over temperature protection
- ultra-flexible torsion cables conductors

Software devices
- digital numeric addressing of the projector via digital multifunction display
- on/off display
- indication of the lamp and the fixture working life
- display can be inverted
- electronic motor adjustment
- lamp on/off via DMX signal with ability to disable
- reversal of pan and tilt movement
- repositioning in case of accidental misalignment of the fixture and ability to disable
- lamp on/off ability without pan/tilt movement
- built-in features test facility
- lamp on/off ability without pan/tilt movement
- individual control of motors function even without DMX signal; position of motors can be recorded during switching on of the unit
- built-in features test facility
- software version indication
- unit is set for remote display reading



progressive zoom: — min. 9,5°/max. 23° (1/2 peak angle)
— min. 19°/max. 34° (1/10 peak angle)

Lamp: 575W MSR/2

CF 7
Wash Zoom

Body
- light carbon fibre manufactured under vacuum and aluminium light alloy internal component parts
- easy access to the lamp holder
- high voltage GY9,5 lamp base
- silent convective ventilation
- sturdy lateral handles for easy transport
- easy access to all internal parts
- IP20 protection rate
- meets standards CE

Lamp
- 700W MSR/SA Philips

Optics
- "cold type" heat dissipating glass reflector with quartzed dichroic finish (infrared)
- zoom system composed by a controllable position diffusing Antihalation lens and one achromatic coating bi-convex lens
- fine lamp adjustment accessible from outside the fixture

Movement
- articulated movement of the projector body: pan 630° tilt 270°
- 16 bit light beam positioning

Colour
- CMY colour changing system
- consistent colour reproduction due to the position of the dichroic filters in the optical axes, to their fading design and to simultaneous entrance driven by two motors
- Coemar ClickColour colour device allowing customised configuration, interchangeable dichroic filters, 5 solid colour plus white
- CTO filter
- rainbow effect

Beam shaping device
- Rotating filter (beam shaping) for 360° shaping (par effect)
- Diffusion filter to optimise an even light output

Zoom
- progressive zoom: from 3,5° to 10° (half peak angle) from 7° to 19° (1/10 peak angle)
- with diffusion filter: from 5° to 11° (half peak angle) from 10° to 20° (1/10 peak angle)
- maximum beam angle: 28°

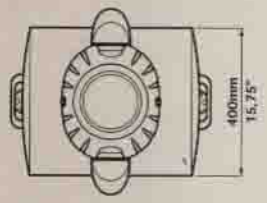
Dimmer
- built-in mechanical electronically controlled dimmer for complete adjustment of light output from 0 to 100%

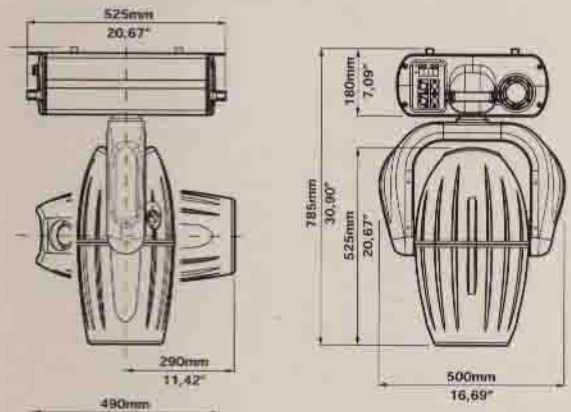
Strobe/Chaser/Black-out
- strobing effect with adjustable flashing speed, synchronised or random
- black-out
- programmable chaser effect with adjustable speed

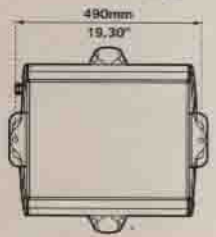
Lamp voltage supply
- electronic ballast with constant power control
- absolute insusceptibility to power and frequency fluctuations (self-stabilising)
- flicker free
- automatic power reduction when in black-out position
- PFC (power factor corrector) on request

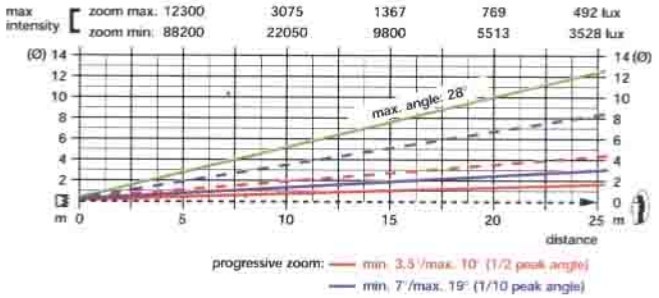
Hardware devices
- DMX signal reception indicator and characteristic feature display
- control by DMX 512 standard signal via 3 and 5 pin XLR
- mains switch
- micro-step driven stepper motors
- 4 menu/function buttons for selecting the operation mode
- led display
- over temperature protection
- ultra-flexible torsion cables conductors

Software devices
- digital numeric addressing of the projector via digital multifunction display
- on/off display
- indication of the lamp and fixture working life
- ventilation regulated by an internal timer
- multifunction reverse reading display
- motors setting
- lamp on/off via digital signal with ability to disable
- reversal of pan and tilt movement
- repositioning in case of accidental misalignment of the unit and ability to disable
- built-in self test facility
- lamp on/off ability without pan/tilt movement



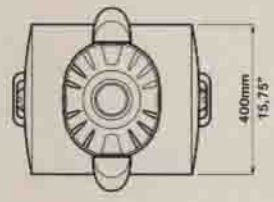


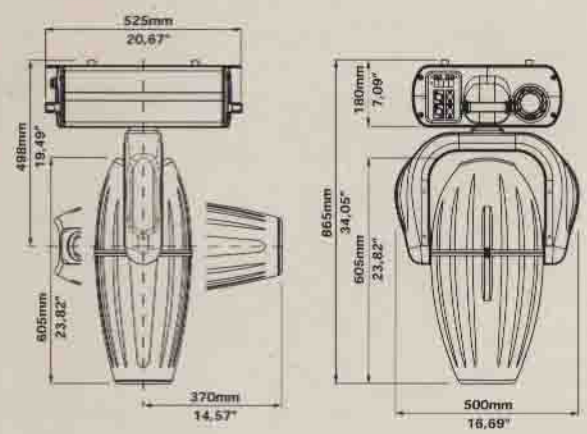


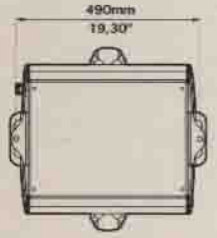


Lamp: 700 W MSR/SA Philips

CF 7 Hard Edge X







Body
- very light carbon fibre manufactured under vacuum and aluminium light alloy internal component parts
- easy access to the lamp holder
- high voltage GY9,5 lamp base
- silent convective ventilation
- sturdy lateral handles for ease of transportation
- easy access to all internal parts
- IP20 protection rating
- meets standards CE

Lamp
- 700W MSR/sa Philips

Optics
- "cold type" heat dissipating glass reflector with quartzed dichroic (infrared) finish
- zoom consists of high definition lenses with anti-reflective achromatic coating
- fine lamp adjustment accessible from outside the fixture; adjustment position for maximum homogeneity or light intensity.

Movement
- articulated movement of the projector body: pan 385°/624° tilt 270°
- 16 bit light beam positioning

Gobos
- 6 rotating and contra-rotating + open variable speed gobos, high precision positioning (14 bits), interchangeable and superimposable to static gobos
- wide range of customised gobos (metal gobos, glass gobos, multi-colours gobos)
- 6 fixed gobos+open, interchangeable and superimposable to rotating gobos
- proportional position in respect to the optical axis

Frost
- frost effect achievable by means of 'free' control of zoom and focus lenses, without loosing light output

Dimmer
- built-in mechanical, electronically controlled dimmer, for complete adjustment of light output from 0 to 100%

Prisms
- 2 clockwise and anti-clockwise rotating variable speed prisms for image multiplicating; they can be used in combination with any other effect

Strobe/Chaser/Black-out
- strobing effect with adjustable flashing speed, synchronised or random
- black-out
- programmable chaser effect with adjustable speed

Iris
- built-in motorised iris diaphragm, with pulsing effect

Colour
- infinite colour output via CMY colour mixing system
- consistent colour reproduction due to the position of the dichroic filters in the optical axes, to their fading design and to simultaneous entrance driven by two motors
- "color flash" effect thanks to the high speed insertion of the colour in the beam

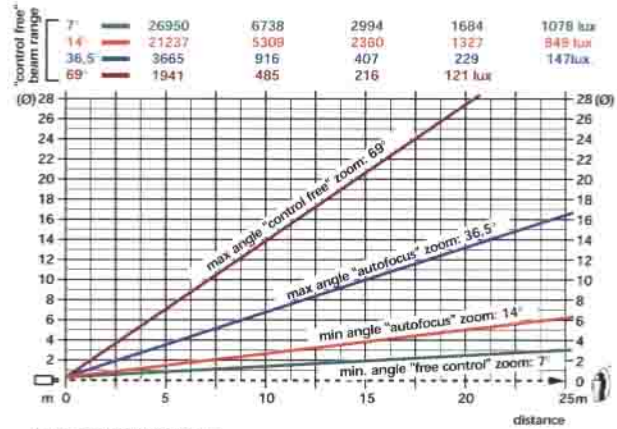
Focusing
- motorised focusing lens
- proportional auto-focus with ability to disable

Zoom
- on progressive autofocus DMX position: from 14° to 36,5°
- on "free control" DMX position: from 7° to 69° (diffused beam)

Lamp voltage supply
- electronic ballast with constant power control
- PFC (power factor corrector) on request
- not effected by power and frequency fluctuations (self-stabilising)
- flicker free ballast
- automatic lamp power reduction when in black-out position

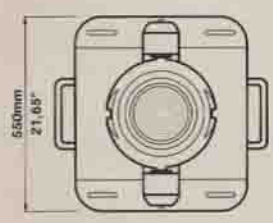
Hardware devices
- DMX signal reception indicator and characteristic feature display
- control by DMX 512 standard signal via 3 and 5 pin XLR
- mains switch
- micro-step driven stepper motors
- 4 menu/function buttons for selecting the operation mode
- led display
- over temperature protection
- ultra-flexible torsion cables conductors

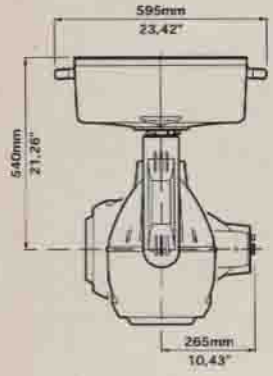
Software devices
- digital numeric addressing of the projector via digital multifunction display
- on/off display
- indication of the lamp and fixture working life
- ventilation regulated by an internal timer
- multifunction reverse reading display
- motors setting
- lamp on/off via DMX signal with ability to disable
- reversal of pan and tilt movement
- repositioning in case of accidental misalignment of the unit and ability to disable
- built-in self test facility
- lamp on/off ability without pan/tilt movement

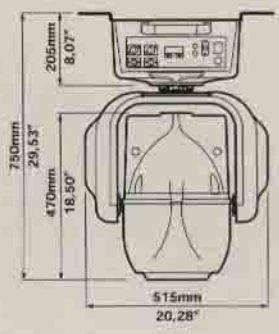


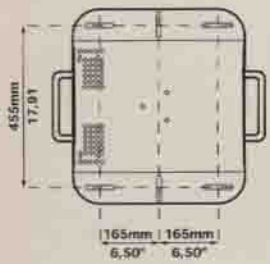
Lamp: 700 W MSR/SA Philips

CF 1200









Body
- light carbon fibre manufactured under vacuum and aluminium light alloy internal component parts
- easy access to the lamp holder
- high voltage GY 22 lamp base
- silent forced ventilation
- sturdy lateral handles for easy transport
- easy access to all internal parts
- IP20 protection rate
- meets standards CE

Lamp
- 1200W Philips MSR/sa

Optics
- very high luminous intensity with maximum use of the light obtained by means of a "cold type" heat dissipating glass reflector with quartzed dichroic finish (infrared)
- fresnel lens Ø 200 mm
- internal fresnel lens Ø 50 mm
- fine lamp adjustment accessible from outside the fixture

Movement
- articulated movement of the projector body: pan 370° tilt 270°
- encoder repositioning in case of accidental misalignment of the fixture
- 16 bit light beam positioning

Colour
- CMY colour changing system
- Coemar ClickColour colour device allowing customised configuration, interchangeable dichroic filters, 5 solid colour plus white
- colour temperature CTO correction filter
- rainbow effect

Beam shaping device
- rotating filter (beam shaping) for 360° shaping (par effect)
- diffusion filter to optimise an even light output

Zoom
- minimum angle: 5° (half peak angle) 8° (half peak angle) with diffusion filter
- progressive zoom: from 10° to 15° (half peak angle) from 15° to 20° (half peak angle) with diffusion filter
- maximum beam angle: 40°

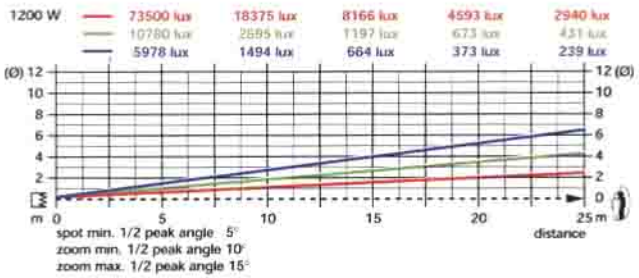
Dimmer
- built-in mechanical electronically controlled dimmer for complete adjustment of light output from 0 to 100%

Strobe/Chaser/Black-out
- strobing effect with adjustable flashing speed, synchronised or random
- black-out
- programmable chaser effect with adjustable speed

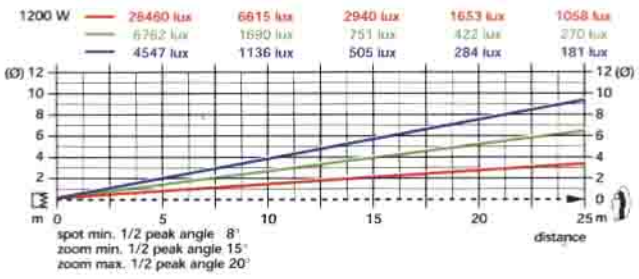
Lamp voltage supply
- electronic ballast with constant power control
- absolute insusceptibility to power and frequency fluctuations (self-stabilising)
- flicker free
- automatic power reduction when in black-out position
- PFC (power factor corrector) on request

Hardware devices
- DMX signal reception indicator and characteristic feature display
- control by DMX 512 standard signal via 3 and 5 pin XLR
- mains switch
- micro-step driven stepper motors
- 4 menu/function buttons for selecting the operation mode
- led display
- over temperature protection
- ultra-flexible torsion cables conductors

Software devices
- digital numeric addressing of the projector via digital multifunction display
- on/off display
- indication of the lamp and fixture working life
- ventilation regulated by an internal timer
- multifunction reverse reading display
- motors setting
- lamp on/off via digital signal with ability to disable
- reversal of pan and tilt movement
- repositioning in case of accidental misalignment of the unit and ability to disable
- built-in self test facility
- lamp on/off ability without pan/tilt movement

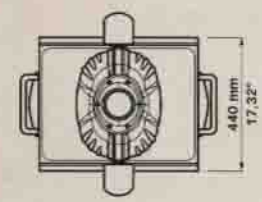


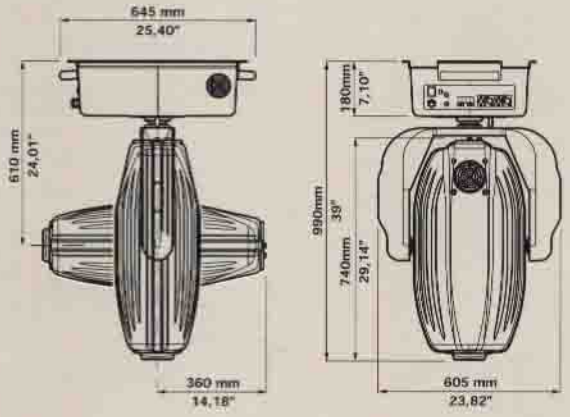
With diffusion filter

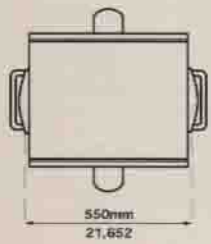


Lamp: 1200 W MSR/sa Philips

CF 1200
Hard Edge







Body
- light carbon fibre manufactured under vacuum and aluminium light alloy internal component parts
- easy access to the lamp holder
- high voltage GY22 lamp base
- silent forced ventilation
- sturdy lateral handles for ease of transportation
- easy access to all internal parts
- IP20 protection rating
- meets standards CE

Lamp
- 1200W MSR/Sa Philips

Optics
- "cold type" heat dissipating glass reflector with quartzed dichroic (infrared) finish and high definition lenses with anti-reflective achromatic treatment
- fine lamp adjustment accessible from outside the fixture

Movement
- articulated movement of the projector body: pan 370° tilt 280°
- encoder repositioning in case of accidental misalignment of the unit
- 16 bit light beam positioning

Gobos
- 4 rotating and contra-rotating + open variable speed gobos, high precision positioning (14 bits), interchangeable and superimposable to static gobos
- 5 static gobos+open,interchangeable and superimposable to rotating gobos

Frost
- frost filter on request
- CTO conversion filter
- frost effect achievable by means of 'free' control of zoom and focus lenses

Dimmer
- built-in mechanical, electronically controlled dimmer, for complete adjustment of light output from 0 to 100%

Prisms
- 2 rotating variable speed prisms for image multiplicating; they can be used in combination with any other effect
- prisms are easily interchangeable

Strobe/Chaser/Black-out
- strobing effect with adjustable flashing speed, synchronised or random
- black-out
- programmable chaser effect with adjustable speed

Iris
- built-in motorised iris diaphragm, with pulsing effect

Colour
- infinite colour output via CMY colour mixing system
- Coemar ClickColour colour device allowing customised configuration, interchangeable dichroic filters. 5 solid colour plus white
- rainbow effect

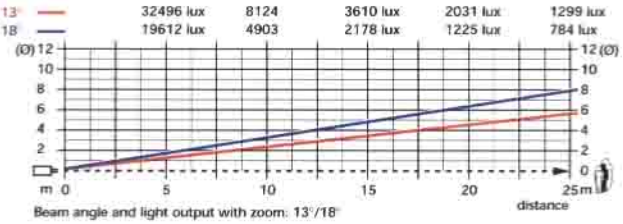
Focusing
- motorised focusing lens

Zoom
- progressive zoom: from 13° to 18°
- progressive zoom with additional lens: from 15° to 22° (iris) or 24° (gobo)

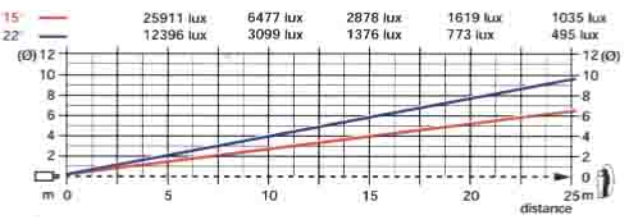
Lamp voltage supply
- electronic ballast
- not effected by power and frequency fluctuations (self-stabilising)
- flicker free ballast
- automatic lamp power reduction when in black-out position
- PFC (power factor corrector) on request

Hardware devices
- DMX signal reception indicator and characteristic feature display
- control by DMX 512 standard signal via 3 and 5 pin XLR
- mains switch
- micro-step driven stepper motors
- 4 menu/function buttons for selecting the operation mode
- led display
- over temperature protection
- ultra-flexible torsion cables conductors

Software devices
- digital numeric addressing of the projector via digital multifunction display
- on/off display
- indication of the lamp and fixture working life
- multifunction reverse reading display
- motors setting
- lamp on/off via DMX signal with ability to disable
- reversal of pan and tilt movement
- built-in self test facility
- repositioning in case of accidental misalignment of the unit and ability to disable
- lamp on/off ability without pan/tilt movement



Beam angle and light output with zoom: 13°/18°



Beam angle and light output with zoom and additional wide angle lens: 15°/22°
NOTE: Beam angle with additional wide angle lens and gobo projection: 24°

Lamp: 1200 W MSR/sa Philips