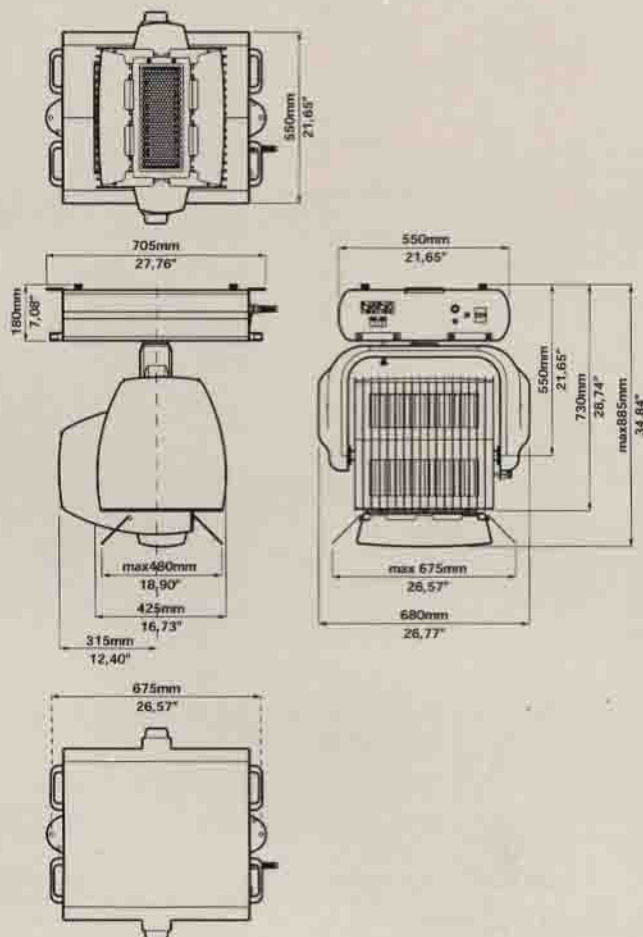


SuperCyc 2.4



Body

- manufactured from aluminium and stainless steel sheet, black paint
- 2 G22 lamp bases
- forced convection ventilation and heat dissipation system
- IP20 protection rating
- base and yoke locks for ease of transportation
- 4-leaf barndoor
- meets CE norms

Lamps available

- 2 x 1200 MSD Philips
- 2 x 1200 MSR Philips

Optics

-  patented dual lamp system
- 2 "cold type" heat dissipating glass reflectors with quartzed dichroic (infrared) finish
- lamp adjustment in the optical system
- very high luminous intensity with maximum use of the light obtained from the 2 parabolic reflectors with axial mounted MSR/MSD 1200W

Beam dispersion devices

- variable size rectangular beam
- 4 different interchangeable diffusion filters give different beam angles: 2 types of symmetrical, horizontal and vertical
- 4 leaf-barndoor to shape the beam at desired size

Movement

- articulated movement of the projector body: pan 425°, tilt 212°
- 16 bit light beam positioning

Dimmer

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

Colour

- infinite colour output via CMY colour mixing system
- consistent colour reproduction due to unique dichroic filter design and by virtue of simultaneous movement of the filters

Lamps supply

- 2 voltage stabilised electronic ballasts
- PFC (power factor corrector)
- not effected by power and frequency fluctuation (self-stabilising)
- flicker free ballasts
- automatic lamp power reduction when in black-out position

Beam shape: rectangular Medium diffusion filter

Hardware devices

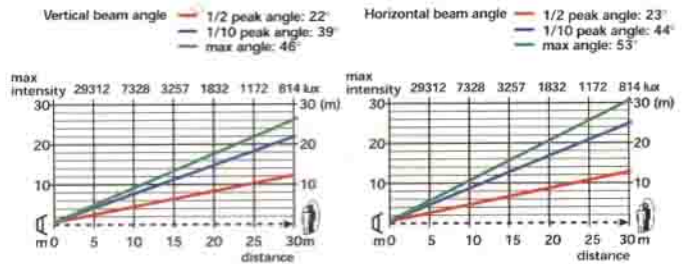
- control by DMX 512 standard signal via 3 and 5 pin XLR
- thermal magnetic protection
- micro-step driven stepper motors
- led display
- over temperature protection
- 4 menu/function buttons for selecting the operation mode
- ultra-flexible torsion cables conductors
- on/off of the two lamps independently controllable via DMX

Software devices

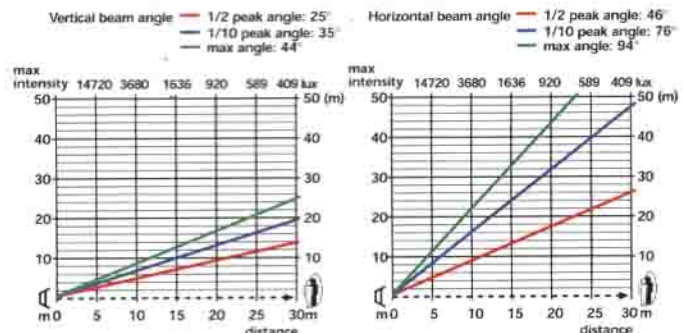
- DMX signal reception indicator and characteristic feature display
- addressing via multifunction display panel
- ventilation regulated by an internal timer (activated depending on lamp status)
- built-in test facility features
- display can be inverted
- reversal of pan and tilt movement
- micro-step driven stepper motors
- lamp on/off ability without pan/tilt movement
- electronic log to indicate lamp and fixture working life

Patents

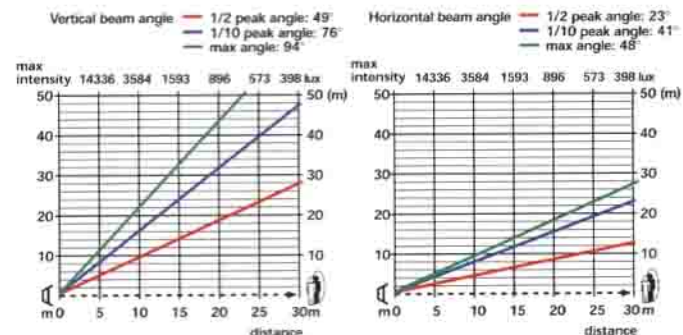
- Supercyc 2.4 is protected by international patents. Partial or complete reproduction of the unit is forbidden



Beam shape: rectangular Horizontal Diffusion Filter



Beam shape: rectangular Vertical Diffusion Filter



Exclusive technology

Coemar's patented Twin Lamp Technology (TLT) is a unique system which uses a twin lamp and optical system to dramatically increase luminous output whilst minimising power consumption.

Formidable output

The luminous output developed far exceeds that of mono-lamp technology: the TLT system does not sum the intensity of its lamps, but multiplies it.

One Or Two Lamps - choose between power and energy savings

It is possible to control one lamp or the other independently although most users will opt for the full power of twin lamps. The color and spread are the same using one lamp or two so the option is yours.

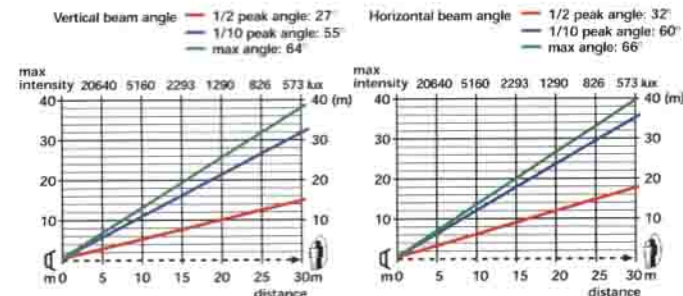
Maximum efficiency or maximum lamp life?

TLT allows the use of both MSR (maximum output) and MSD (long life) lamps at will, further enhancing the flexibility and superiority of the system.

Framing output at will

The TLT optical system utilises additional glass filters allowing maximum and precise control of the beam providing the designer with the ability to accurately frame their subject.

Beam shape: rectangular Soft Diffusion Filter



250 Panorama Cyc



Body

- manufactured from aluminium, stainless steel sheet and waterproofed iron
- painted components are padded with weather protection, high resistance matt black polyester paint
- self-extinguish, fire-retardant and weather protection class VO ABS material cover, with 20% glass fiber
- GY 9,5 lamp base

► IP44 protection rating. Suitable for outdoor use

- graduate position indicator
- 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

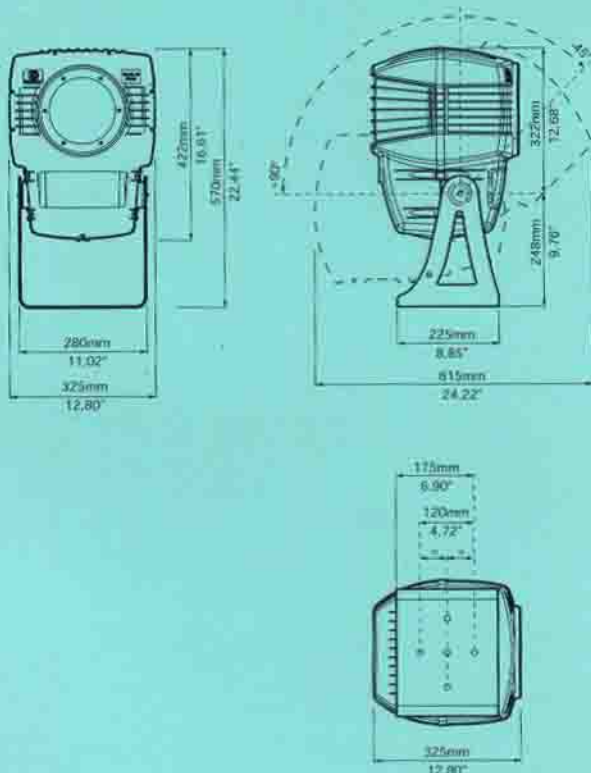
- 4 interchangeable prismatic lenses to obtain different projection angles and beam shapes
- the 4 diffusion and shaping lenses are rotatable on their own axes to obtain light projection on 360°

Dimmer

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

Colour

- infinite colour output via CMY colour mixing system
- consistent colour reproduction due to unique dichroic filter design



Automated functions

- nine internal colour changing crossfade programs with user definable variable rate
- it can operate in the absence of a controller
- synchronised master/slave ability
- able to operate the internal programs and their parameters via 6 channels of DMX 512

Hardware devices

- DMX signal reception indicator and characteristic feature display
- control by DMX 512 standard signal via 3 pin XLR, signal connectors are IP67 rated
- built-in electro-magnetic ballast, ignitor and power factor corrections
- micro-step driven stepper motors
- 4 menu/function buttons for selecting the operation mode
- led display
- over temperature protection

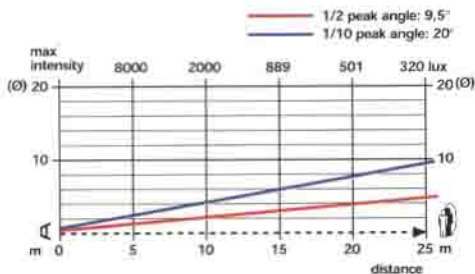
Software devices

- dmx numeric addressing via multifunction display
- on/off display
- indication of the lamp and the fixture working life
- display can be inverted
- electronic motor calibration
- lamp on/off via digital signal with ability to disable
- built-in features test facility
- automatic test menu
- individual control of motors function even without DMX signal
- position of motors can be recorded during switching on of the unit
- software version indication
- unit is set for remote display reading

ds1

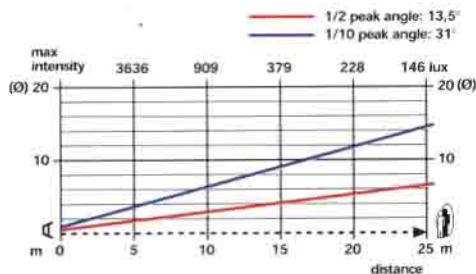
Beam shape: round

Soft diffusion lens (code VT 171/3)



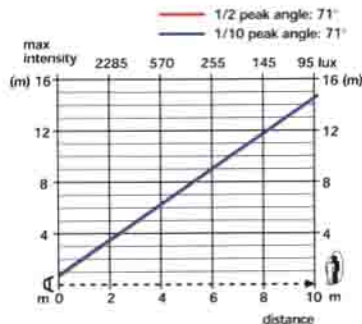
Beam shape: round

Medium diffusion lens (code VT171/1)



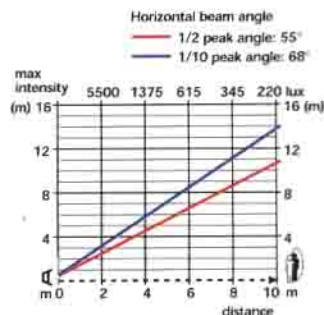
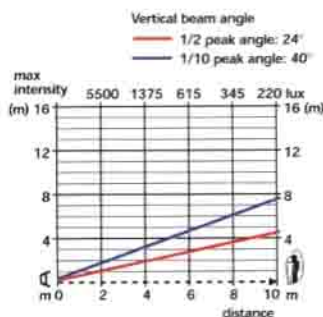
Beam shape: square

Max diffusion lens (code VT 171/2)



Beam shape: rectangular

Shaping lens (code VT 171)



Panorama 250 Cyc

C.



Body

- manufactured from aluminium, stainless steel sheet and water proofed iron
- painted components are padded with weather protection, high resistance matt black polyester paint
- self-extinguish, fire-retardant and weather protection class VO ABS material cover, with 20% glass fiber
- GY 9,5 lamp base

► IP44 protection rating. Suitable for outdoor use

- graduate position indicator
- 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

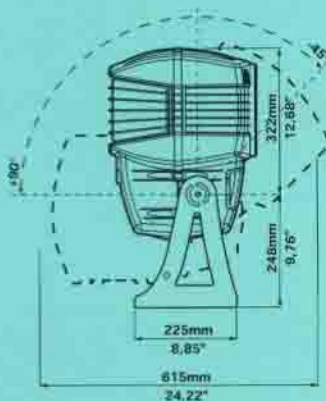
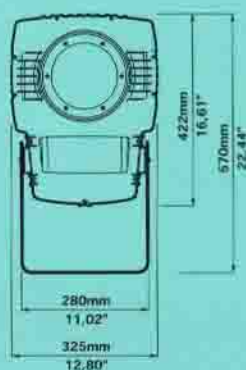
- elliptical multi-facet borosilicate aluminium coated reflector

Beam shaping device

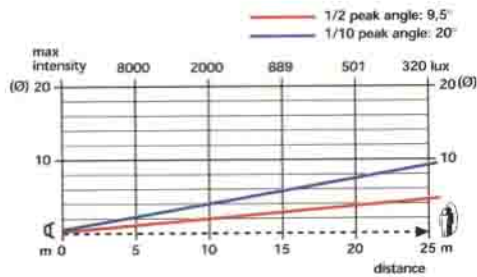
- 4 interchangeable prismatic lenses to obtain different projection angles and beam shapes
- the 4 diffusion and shaping lenses are rotatable on their own axes to obtain light projection on 360°

Colour

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



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



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

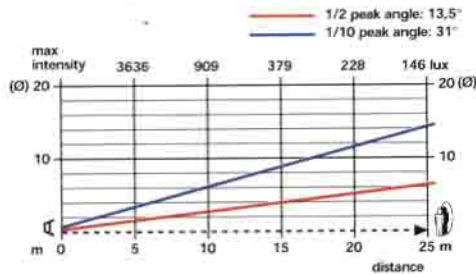
- DMX signal reception indicator and fans functioning indicator
- control by DMX 512 standard signal via 3 pin XLR; signal connectors are IP 67 protection rated
- built-in electro-magnetic ballast, ignitor and power factor corrections
- micro-step driven stepper motors
- dip-switches for function mode selection
- over temperature protection

Software devices

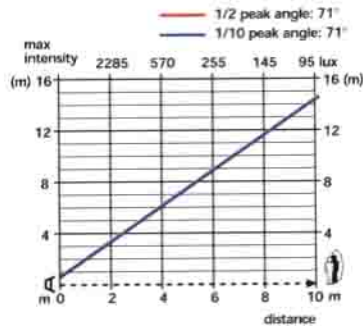
- dmx numeric addressing via dip-switches
- electronic motor calibration
- lamp on/off via digital signal with ability to disable
- built-in features test facility
- unit is set for remote display reading

ds1
 SPECIALIST REPLICATION

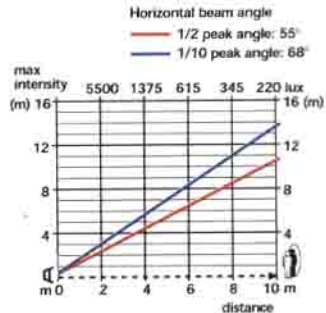
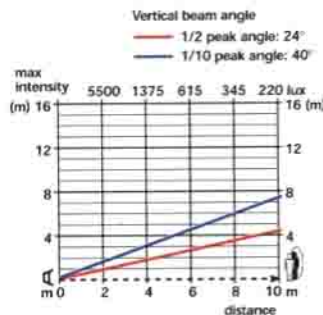
Beam shape: round
Medium diffusion lens (code VT171/1)



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



Beam shape: rectangular
Shaping lens (code VT 171)



Panorama Cyc Power



Body

- manufactured from aluminium and stainless steel sheet
- weather protection, high resistance matt black polyester paint
- 2 x GX 9,5 lamp bases
- forced convection ventilation and heat dissipation system

► IP44 protection rating, suitable for outdoor use

- adjustable tilt positioning
- graduated position indicator
- 4 leaf barn door
- wire guard for diffusion filter
- easy maintained, insect protection filters
- 4 rubber feet for floor positioning
- meets standards CE

Lamps available

- 2 x 575 MSD Philips
- 2 x 575 MSR/2 Philips

Optics

-  patented dual lamp system
- 2 x "cold type" heat dissipating glass reflectors with quartzed dichroic (infrared) finish
- lamps adjustment in the optical system
- very high luminous intensity with maximum use of the light obtained from the 2 parabolic reflectors with axial mounted MSR/MSD 575W lamps

Beam Dispersion Devices

- variable size rectangular beam
- 4 different interchangeable diffusion filters give different beam angles: 2 x symmetrical (med & wide diffusion), 1 x horizontal and 1 x vertical diffusion

Dimmer

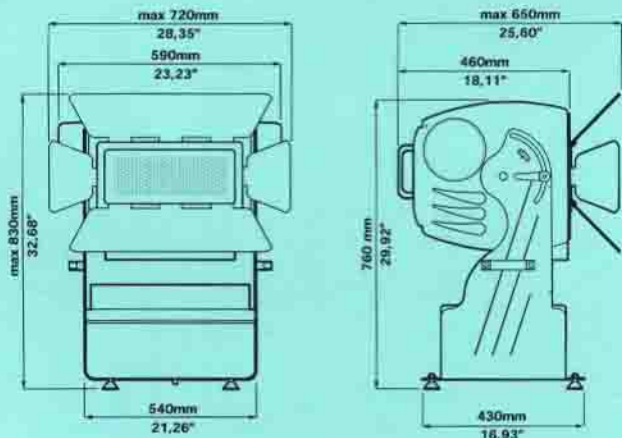
- built-in mechanical electronically controlled dimmer, for complete adjustment of light output from 0 to 100%
- 3 different DMX curve reactions

Colour

- infinite colour output via CMY colour mixing system
- consistent colour reproduction due to unique dichroic filter system
- 3 different DMX curve reactions

Automatic functions

- two internal colour changing crossfade programs with user definable variable rate
- the two programs vary the number of colours output: the first produces saturated colours, whilst the second generates fades through all shades of colour available
- multiple units can be linked and synchronised (master & slave)



- Panorama fixtures operating as slaves are able to determine their own individual speed when performing a colour changing crossfade being initiated by a master unit

Hardware device

- DMX signal reception indicator and characteristic feature display
- control via DMX 512 standard signal via 3 pin XLR. Signal connectors IP 67 protection rated.
- built-in electro-magnetic, ignitors and PFC (power factor corrector)
- ventilation regulated by an internal timer (activated depending on lamp status)
- micro-step driven stepper motors
- 4 menu/function buttons for selecting the operation mode
- led display
- over temperature protection

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
- built-in features test facility

Patents

- Panorama Cyc power is protected by international patents. Partial or complete reproduction of the unit is forbidden



Exclusive technology

Coemar's patented Twin Lamp Technology (TLT) is a unique system which uses a twin lamp and optical system to dramatically increase luminous output whilst minimising power consumption.

Formidable output

The luminous output developed far exceeds that of mono-lamp technology: the TLT system does not sum the intensity of its lamps, but multiplies it.

One Or Two Lamps - choose between power and energy savings

It is possible to control one lamp or the other independently although most users will opt for the full power of twin lamps. The color and spread are the same using one lamp or two so the option is yours.

Maximum efficiency or maximum lamp life?

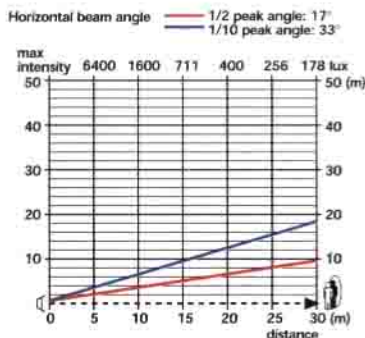
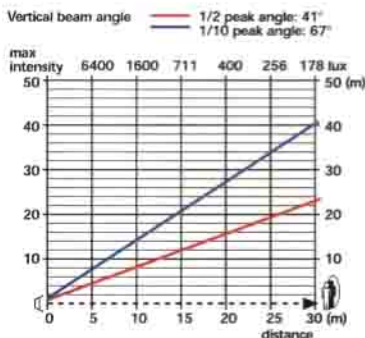
TLT allows the use of both MSR (maximum output) and MSD (long life) lamps at will, further enhancing the flexibility and superiority of the system.

Framing output at will

The TLT optical system utilises additional glass filters allowing maximum and precise control of the beam providing the designer with the ability to accurately frame their subject.

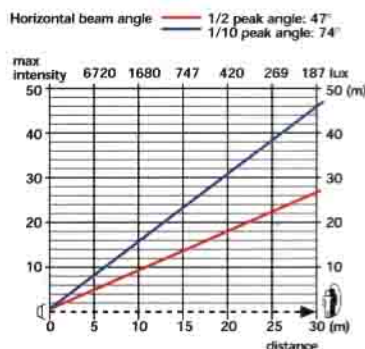
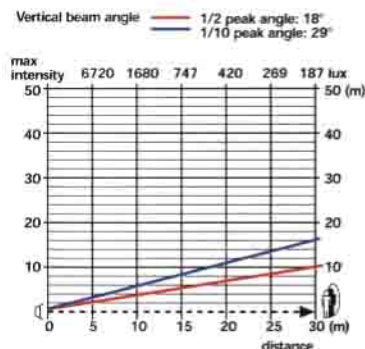
Beam shape: rectangular

Vertical Diffusion Filter



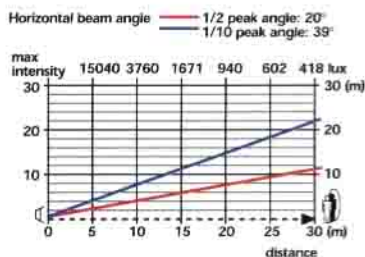
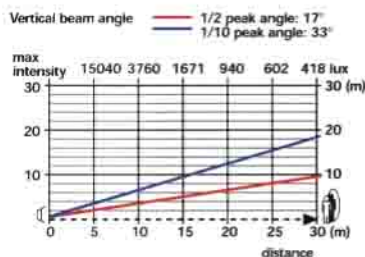
Beam shape: rectangular

Horizontal Diffusion Filter



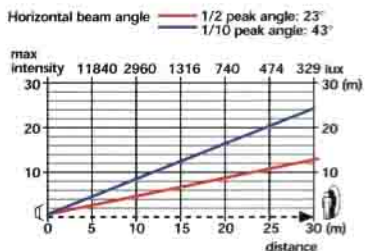
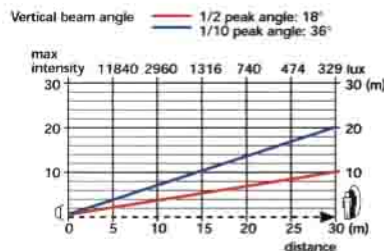
Beam shape: rectangular

Medium diffusion filter



Beam shape: rectangular

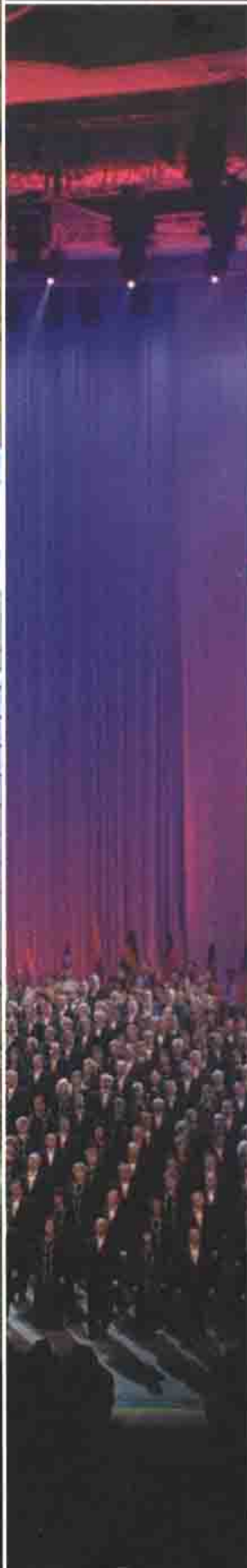
Soft Diffusion Filter



Fixture	iSpot 150	iCyc 250	iSpot 575	ProSpot 150 LX	ProSpot 250 LX
code	9088	9090	9152	9094	9096
lamp	150W CDM-SAT Philips	250W MSD/2 Philips	575W MSD/3 Philips	150W CDM-SAT Philips	250W MSD/2 Philips
lamp base	G 12	GY 9.5	GX 9.5	G 12	GY 9.5
lamp code	105500	MSD/2 105214/1 MSD 105214	MSD/3 105315/2 MSD 105315	105500	MSD/2 105214/1 MSD 105214
average lamp life	6000 hours	2000 hours	MSD/2 1000 hours MSD 3000 hours	6000 hours	2000 hours
color temperature	4200K	MSD/2 8000K MSD 8500K	MSD/2 2200K MSD 3600K	4200K	8500K
luminous flux	12900 Lumen	14000 Lumen	MSD/2 40000 Lumen MSD 43000 Lumen	12900 Lumen	18000 Lumen
max intensity at 33°/10mt. (Lux)	380	2000	4340	355	1414
beam angle	22°	0.5° / 13.3° / 24° X 30° / 71° Hot Spot Angle 23° / 24° / 40° X 58° / 71° 1/10 Peak Angle	21° / 25° / 27°	19°	15°
user replaceable lens options	No	Yes - Includes 4 User Replaceable Lenses	No	No	12°/18°
beam shaping	Not Applicable	Yes - 360° Manual	Not Applicable	Not Applicable	Not Applicable
gobos	6-Interchangeable Rotating Indexing Gobos	Not Applicable	12-Interchangeable Rotating Indexing Gobos on Two Superimposable Wheels	6-Interchangeable Fixed Gobos	6-Interchangeable Rotating Indexing Gobos
gobo size (Ø mm)	ext.: 32.9 image : 20	Not Applicable	wheel 1 ext.: 32.9 image : 26 wheel 2 ext.: 32.9 image : 29/30	ext.: 32.9 image : 29	ext.: 25.8 image : 19.5
gobo shake effect	Yes	Not Applicable	No	Yes	Yes
colours	7 Colors Plus White	Full CMY Color Mixing	12 Colors Plus White or Dual Superimposable Color Wheels	7 Colors Plus White	11 Colors Plus White
rotating prisms	No	Not Applicable	Yes	No	Yes
focus	motorised	Not Applicable	motorised	motorised	motorised
zoom	No	No	Yes (Stepped)	No	No
dimming	No	Yes	Yes	No	Yes
shutter/strobe	Yes	No	Yes	Yes	Yes
iris	No	Not Applicable	Yes with Pulse Effect	No	No
body material	ABS Plastic	ABS Plastic	ABS Plastic	ABS Plastic	ABS Plastic
PPF (Programmable Playback Facility)	9 Programs, 144 Internal Scenes	No	No	9 Programs, 144 Internal Scenes	No
built-in programs	Yes	9 Programs, 136 Internal Scenes	No	Yes	No
recordable position when switched On	Yes	Yes	No	Yes	No
master/slave	Yes	Yes	No	Yes	No
DR 1 option	Yes	Yes	No	Yes	Yes
pan/tilt feedback	Yes	Not Applicable	Yes	Yes	Yes
lamp remote On/Off	Via DMX	Via DMX	Via DMX	No	Via DMX
fan speed auto control	Yes	Yes, Adjustable	Yes	No	Yes
finish	Black, Gray, or Silver	Black	Black	Black	Black
ballast	Magnetic	Magnetic	Magnetic	Magnetic	Magnetic
main voltage	100/115/200/230/240V 50/60 Hz	100/115/200/230/240V 50/60 Hz	100/115/200/230/240V 50/60 Hz	100/115/200/230/240V 50/60 Hz	100/115/200/230/240V 50/60 Hz
power requirement	1.2 Amps @ 230 V 2.2 Amps @ 115 V	2 Amps @ 230 V 4 Amps @ 115 V	4 Amps @ 230 V 8 Amps @ 115 V	1.2 Amps @ 230 V 2.2 Amps @ 115 V	2 Amps @ 230 V 4 Amps @ 115 V
PFC (Power Factor Correction)	Yes	Yes	Yes	Yes	Yes
IP protection rating	IP20	IP20	IP20	IP20	IP20
net weight	17.6 Kg/38.5 Lbs	18.4 Kg/40.5 Lbs	39.0 Kg/84.7 Lbs	17.1 Kg/37.7 Lbs	23.5 Kg/51.7 Lbs
shipping weight	20 Kg/44 Lbs	23.5 Kg/51.7 Lbs	48 Kg/104.2 Lbs	20 Kg/44 Lbs	26.5 Kg/58.3 Lbs
shipping dimensions (cm)	56x51x46	47x47x60	60x60x60	56x51x46	57x43x63
special features	Black-out activation when gobo/color change or the fixture is moving			Black-out activation when gobo/color change or the fixture is moving	Black-out activation when gobo/color change or the fixture is moving

ProWash250 LX	Colour Cyc 250 LX	ProSpot 575 LX	ProWash 575 LX	CF7WZ	CF7WZ X	CF7HE X
9097	9837	9095	9104	9091 - 9091P (with PFC)	9091X - 9091XP (with PFC)	9090X - 9090XP (with PFC)
250W MSD/2 Philips	250W MSD/2 Philips	575W MSR/2 Philips	575W MSR/2 Philips	700W MSR/sa Philips	700W MSR/sa Philips	700W MSR/sa Philips
GY 9.5	GY 9.5	GX 9.5	Gx 9.5	GY 9.5	GY 9.5	GY 9.5
MSD/2 105214/1 MSD 105214	MSD/2 105214/1 MSD 105214	MSR/2 105245/2 MSD 105215	MSR/2 105245/2 MSD 105215	105089/1	105089/1	105089/1
2000 hours	2000 hours	MSR/2 1000 hours MSD 3000 hours	MSR/2 1000 hours MSD 3000 hours	500 hours	500 hours	500 hours
MSD/2 8500K MSD 6700K	MSD/2 8500K MSD 6700K	MSR/2 7200K MSD 6000K	MSR/2 7200K MSD 6000K	5600K	5600K	5600K
18000 Lumen	18000 Lumen	MSR/2 49000 Lumen MSD 43000 Lumen	MSR/2 49,000 Lumen MSD 43,000 Lumen	54000 Lumen	54000 Lumen	54000 Lumen
2400	2000	4560	6235	22050	10185	6738
6.5°/18.5° (Half Peak Angle) 14°/31° (1/10 Peak Angle) max 45°	9.5°/13.5°/24° x 55°/71° (Half Peak Angle) 20°/31°/40° x 68°/71° (1/10 Peak Angle)	20°/22.5°	9.5°/23° (Half Peak Angle) 19°/34° (1/10 Peak Angle) max 44°	3.5°/10° or 5°/11° (Half Peak Angle) 7°/19° or 10°/20° (1/10 Peak Angle) max 28°	9°/25° or 11°/27° (Half Peak Angle) 16°/51° or 22°/54° (1/10 Peak Angle) max 80°	7°/69° 14°/36.5° autofocus
No	Yes - Includes 4 User-Replaceable Lenses	No	no	No	Yes	No
Yes - 180° + Diffusion	Yes - 360° Manual	Not Applicable	yes, 180°+diffusing filter	Yes - 360° + Diffusion	manual	Not Applicable
Not Applicable	Not Applicable	6-Interchangeable Fixed and 6-Interchangeable Rotating Indexing Gobos on a Second Superimposable Wheel	Not applicable	Not Applicable	Not Applicable	6 interchangeable fixed, Gobos; Plus 6 rotating inter- changeable indexing Gobos on Second Superimposable Wheel
Not Applicable	Not Applicable	wheel 1: ext: 32.9 image: 26 wheel 2: ext: 32.9 image: 28/30	Not applicable	Not Applicable	Not Applicable	ext: 25.8 image :19.5
Not Applicable	Not Applicable	No	Not applicable	Not Applicable	Not Applicable	No
Full CMY Color Mixing + 6 colours + white	4 Colors Plus White	6 Colors Plus White	Full CMY colour mixing + 6 color + white	Full CMY Color Mixing Plus 5 + White User Interchangeable Colors on a Color Wheel	Full CMY Color Mixing Plus 5 + White User Interchangeable Colors on a Color Wheel	Full CMY Color Mixing
Not Applicable	Not Applicable	Yes	Not applicable	Not Applicable	Not Applicable	Yes - 2
Not Applicable	Not Applicable	motorised	Not applicable	Not Applicable	Not Applicable	motorised, with Auto Focus Capability
Manual	No	No	Yes, linear	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes	Yes	Yes
Yes	Shutter	Yes	Yes	Yes	Yes	Yes
Not Applicable	Not Applicable	Yes with Pulse Effect	Not applicable	Not Applicable	Not Applicable	Yes with Pulse Effect
ABS Plastic	ABS Plastic	ABS Plastic	ABS Plastic	Carbon Fiber	Carbon Fiber	Carbon Fiber
No	No	No	No	No	No	No
No	4 Programs, 72 Internal Scenes	No	No	No	No	No
No	No	No	Yes	No	No	No
No	Yes	No	No	No	No	No
Yes	Yes	No	Yes	No	No	No
Yes	Not Applicable	Yes	Yes	Yes	Yes	Yes
Via DMX	Via DMX	Via DMX	Via DMX	Via DMX	Via DMX	Via DMX
Yes	Yes, advanced	Yes	Yes	Yes	Yes	Yes
Black	Black	Black	Black	Black Carbon Fiber (Custom Colors Available)	Black Carbon Fiber (Custom Colors Available)	Black Carbon Fiber (Custom Colors Available)
Magnetic	Magnetic	Magnetic	Magnetic	Electronic	Electronic	Electronic
100/115/200/230/240V 50/60 Hz	100/115/200/230/240V 50/60 Hz	100/115/200/230/240V 50/60 Hz	100/115/200/230/240V 50/60 Hz	200/230/240V 50/60 HZ	200/230/240V 50/60 HZ	200/230/240V 50/60 HZ
2 Amps @ 230 V 4 Amps @ 115 V	2 Amps @ 230 V 4 Amps @ 115 V	4 Amps @ 230 V 8 Amps @ 115 V	4 Amps @ 230 V 8 Amps @ 115 V	5 Amps @ 230 V	5 Amps @ 230 V	5 Amps @ 230 V
Yes	Yes	Yes	Yes	On Request	On Request	On Request
IP20	IP20	IP20	IP20	IP20	IP20	IP20
23.5 Kg/51.7 Lbs	17.9 Kg/39.4 Lbs	38.2 Kg/84.2 Lbs	35.8 Kg / 78.92 Lbs	29 Kg/63.93 Lbs	29.3 Kg/64.6 Lbs	32 Kg/70.54 Lbs
27 Kg/59.4 Lbs	23.5 Kg/51.7 Lbs	44 Kg/96.8 Lbs	41.6 Kg / 91.71 Lbs	36 Kg/79.2 Lbs	36 Kg/79.2 Lbs	41 Kg/90.2 Lbs
57x43x63	47x47x60	60x80x60	60x80x50	65x80x50	65x90x50	65x50x97
			extremely luminous in its range, optical zoom without additional filters		Advanced Optical System; Extremely Flat Field; Large Area of Zoom	Advanced Optical System, Hard Edge and Wash in the same fixture; Large Area of Zoom

CF1200	CF1200HE	SuperCyc 2.4	Panorama Cyc 250	Panorama Cyc 250C	Panorama Cyc Power
9070	9075	9825	9835	9835C	9820
1200W MSR/sa Philips	1200W MSR/sa Philips	2 X1200W MSR Philips	250W MSD/2 Philips	250W MSD/2 Philips	2 X575W MSR/2 Philips
GY 22	GY 22	G 22	GY 9,5	GY 9,5	GX 9,5
105090/1	105090/1	MSR 105090 MSD 105811	MSD/2 105214/1 MSD 105214	MSD/2 105214/1 MSD 105214	MSR/2 105245/2 MSD 105215
750 hours	750 hours	MSR 800 hours MSD 2000 hours	2000 hours	2000 hours	MSD 3000 hours MSR 1000 hours
5600K	5600K	MSR 5900K MSD 6000K	MSD/2 6500K MSD 6700K	MSD/2 8500K MSD 6700K	MSR/2 7200K MSD 6000K
					



Coemar S.p.A. reserve the right to apply modifications to the products, which may vary from those described in this publication, without prior notice.



UNI EN
ISO
9001

