

CORE



What really matters for any Light Show



REAL HYBRID FIXTURE
FAST LINEAR ZOOM 2° -
39°
AUTOFOCUS
WIDE CHOICE OF
ROTATING
AND FIXED GOBOS
COLOR WHEEL (16
FILTERS)
SILENT OPERATION
1,530,000 LUX @ 5 M
LIGHTWEIGHT: ONLY 22
KG

CORE is a powerful and compact discharge moving head. SPOT and BEAM all in one with the fastest effects ever seen. CORE is versatile: thanks to its 440 W HRI LAMP (24,000 Lumens), CORE is perfect in a range of applications, from TV studios to live concerts. All this in only 22 kg.

CORE



LAMP

Lamp: Osram Sirius HRI
440 W (24,000 Lumens)
Color temperature: 7,500°K typ.
Type of connection: PINS
2.8x 0.8 mm or screw terminals
Remote lamp On/Off
Average lamp life: 1,500 hrs

OPTICAL GROUP

Improved optical group:
Spot and Beam all in one
1,530,000 Lux at 5 m
16-bit motorized wide-excursion linear zoom
Beam opening:
2° - 39°

16-bit motorized linear focus
Linear dimmer / shutter / strobe (0.85 flash/sec to 10 flash/sec) Frost Filter

COLOR GENERATION

16-color wheel
Two-tone generation

DYNAMIC EFFECTS

Overlapping wheels for multiple effects:
Customizable rotating gobo wheel (9 gobos)
Fixed gobo wheel (17 gobos + glass gobo + animation sector)
Circular 8-facet rotating prism

INTERFACE / CONTROL / PROGRAMMING

LCD graphic display + 4 soft-keys (control / management of the main parameters)
Auto flip, RDM
Updatable internal operating system

DMX

24 DMX channels

PAN & TILT

Pan: 540° rotation in 1.56 sec.
Tilt: 270° in 1.5 sec.
Tri-phase stepper motor
Technology for ultra-fast silent movements
16-bit resolution
Selectable speed ranges
Pan / Tilt lock

POWER SUPPLY

Electronic ballast: 90-260 V
50 / 60 Hz
Power consumption: 600 W with PFC
Power saving mode (the lamp dims to 80% after shutter closure)

CONNECTORS

DMX: 4 XLR connectors (3-pole In and Out; 5-pole In and Out)
by Neutrik;
Power supply: PowerCon In/Out (re-launch) connectors by Neutrik

PHYSICAL

Weight: 22 Kg
Dimensions: base 355x398 mm
Overall 400x400x550/610 h mm

INTERNAL SAFETY DEVICES

Overvoltage circuit protection and overtemperature circuit protection

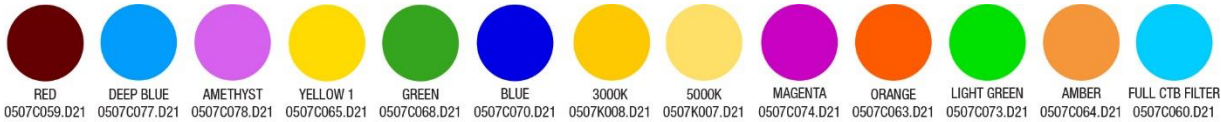
INTERNATIONAL CERTIFICATIONS

Safety: EN 60598-1: 1993
EN 60598-2-17: 1989
A1-A3: 1993 EMC: EN 55015

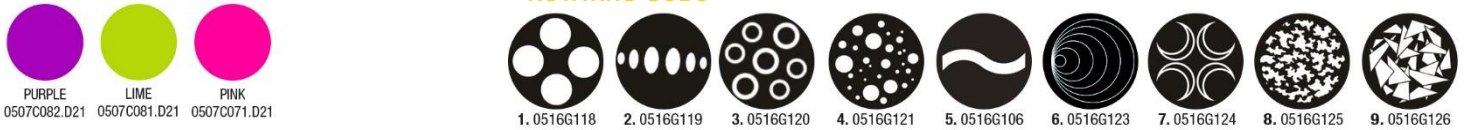
INCLUDED ITEMS

1 x PowerCon male cable connector (cod. 0520P014)
1 x XLR 5 Pins male cable connector (cod. 0508B028)
1 x XLR 5 Pins female cable connector (cod. 0508B027)
2 x Omega bracket (cod. 02K00549)

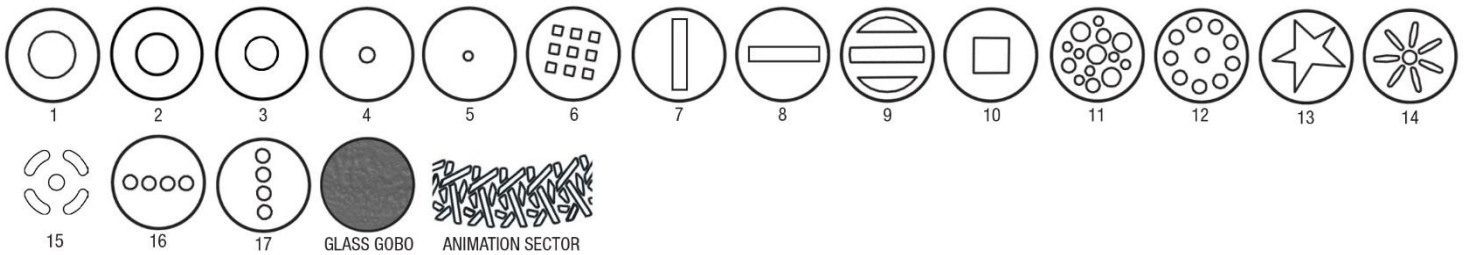
COLOR WHEEL



ROTATING GOBO



FIXED GOBO WHEEL



DMX CHANNELS

- | | |
|--------------------------|---------------------|
| 1 PAN msb | 14 GOBO INDEX FINE |
| 2 PAN lsb | 15 GOBO SHAKE |
| 3 TILT msb | 16 FIXED GOBO |
| 4 TILT lsb | 17 FIXED GOBO SHAKE |
| 5 SPEED MOVEMENT | 18 SMOOTH |
| 6 RESERVED | 19 FROST |
| 7 DIMMER | 20 PRISM |
| 8 SHUTTER | 21 FOCUS |
| 9 COLOR | 22 FOCUS FINE |
| 10 COLOR MODE | 23 ZOOM |
| 11 GOBO | 24 RESET+LAMP |
| 12 GOBO / PRISM MODE | |
| 13 GOBO ROTATION / INDEX | |
| PRISM ROTATION / INDEX | |

PHOTOMETRIC DATA

	mt 5 ft 16.40	mt 25 ft 82.02	mt 50 ft 164.04	mt 100 ft 328.08	
Lux center	153000	61200	15300	3825	Beam angle 2°
Foot candles	142193	5688	1422	355	
Diameter cm.	17	87	175	349	
Diameter ft.	0.57	2.86	5.73	11.45	
Lux center	5300	212	53	13	Beam angle 39°
Foot candles	493	20	5	1	
Diameter cm.	354	1771	3541	7082	
Diameter ft.	11.62	58.09	116.18	232.36	

