

ARTICULIGHT

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INTELLIGENT LIGHTING

XL 1200 SPOT 1200W POWERFUL MOVING SPOT



The new XL 1200 SPOT is a highly versatile powerful 1200w short arc, a power enhanced by its high quality and super efficient optical system. Energy saving design reduces lamp power consumption to half power at shutter closing status or via control channel. Among its many unique and innovative ideas, the XL 1200 SPOT features an ultra quiet and smooth operation with advanced control technology.

Technical Data

VOLTAGES:

PR-2910 100/120/200/220/230/240V AC, 50Hz or 60Hz Electronic ballast

PR-2910M 200/220/230/240V AC, 50Hz or 60Hz Magnetic ballast

POWER CONSUMPTION:

PR-2910: 1500W @ 220V

PR-2910M: 1600W @ 220V

LAMP:

PHILIPS MSR GOLD 1200W SA/2DE

Color Temperature: 7500°K

Socket: SFC10-4

Manufacturers Rated Lamp Life: 750 Hours

Lumen Output: 100,300 lumens

COLORS:

Linear CYM color mixing system with Macro function

1 wheel with 6 fixed dichroic colors plus white

With variable speed bi-directional rainbow effect

Stepper/linear color changing is available

COLOR TEMPERATURE CORRECTION:

2 color temperature correction filters.
Linear color temperature correction (8 and 16 bit)

GOBOS:

2 Rotating gobo wheels:
5 interchangeable gobos (glass) + white in each wheel, indexable, bi-directionally rotating at variable speeds.
1 Fixed gobo wheel
7 interchangeable gobos + white, indexable, the fixed gobo wheel can scroll in either direction at variable speeds.
Gobo Shake function
Both glass gobos and metal gobos may be fitted to either wheel.
Gobo outer diameter: 36.3mm
Gobo image diameter: 31mm

PRISM:

1x2 facet, 1 x 3 facet, 1 x linear prisms, indexable, bi-directional rotation at variable speeds

FOCUS:

DMX controlled focus, 2m to infinity, linearly adjustable (8 and 16 bit)

ANIMATION EFFECT WHEEL:

1 replaceable animation wheel, indexable and bi-directional, rotating at variable speeds

FROST:

Variable frost effect, 0-100% linearly adjustable

DIMMER/SHUTTER:

Double shutter blades, 0-100% linearly adjustable (8 and 16 bit)

IRIS:

10-100% linearly adjustable (8 and 16 bit)

STROBE:

0.3 – 12 F.P.S.

HEAD MOVEMENT:

Pan 540°, Tilt 270° (8 and 16 bit)

ZOOM:

12°--34° linear zoom and 40° (8 and 16 bit)

CONTROL:

DMX512, Short mode: 24 channels. Standard mode: 29 channels, Extended Mode: 37 self testing mode

OTHER FUNCTIONS:

Sensor system for fault diagnosis
Isolation protection for DMX signal
Network interface (reversed)
In conformity with CE standard and ROHS directive.

DISPLAY:

LCD, brightness and contrast adjustable, display setting without main power, Projector usage time display, lamp time display.

HOUSING:

Composite plastic (IP20)

NET WEIGHT:

PR-2910 35 Kg.
PR-2910M 47 Kg.

DIMENSIONS:

See drawings

PACKED DIMENSIONS:

670mm X 690mm X 770mm

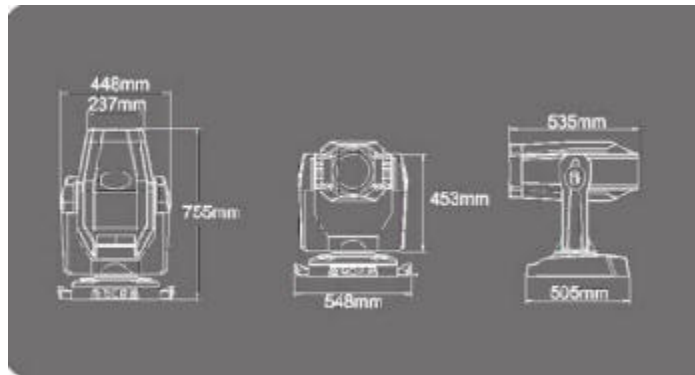
GROSS WEIGHT:

PR-2910 48 Kg.

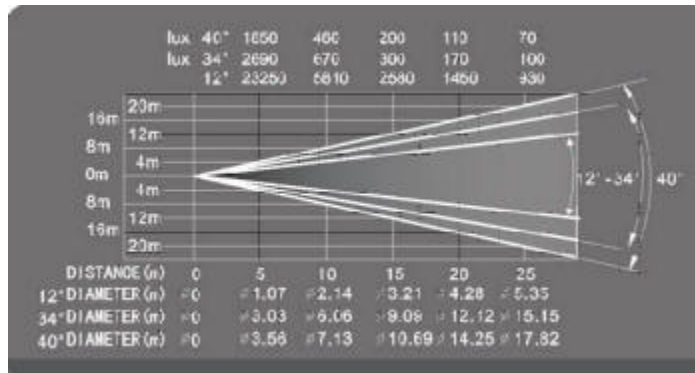
PR-2910M 60 Kg.



DIMENSIONS



LIGHT OUTPUT CHART



DMX Channels

Short mode	Standard mode	Extended mode	Function	Description
CH 1	CH1	CH 1	Strobe	000-010 011-025 026 027-040 041-055 056 057-070 071-085 086-100 101-115 116-130 131-145 146-160 161-175 176-190 191-205 206-220 221-235 236-250
CH 2	CH2	CH 2	Dimmer	000-007 dimmer 0-100% 008-255
		CH 3	Dimmer Fine	000 050 100 150 200 255
CH 3	CH3	CH 4	CYM-Macro	000 050 100 150 200 255
CH 4	CH4	CH 5	CYM-Cyan	000 050 100 150 200 255
		CH 6	CYM-Cyan Fine	000 050 100 150 200 255
CH 5	CH5	CH 7	CYM-Yellow	000 050 100 150 200 255
		CH 8	CYM-Yellow Fine	000 050 100 150 200 255
CH 6	CH6	CH 9	CYM-Magenta	000 050 100 150 200 255
		CH 10	CYM-Magenta Fine	000 050 100 150 200 255
CH 7	CH7	CH 11	CTO	000 050 100 150 200 255
		CH 12	CTO Fine	000 050 100 150 200 255
CH 8	CH8	CH 13	Colour Wheel	000-004 005-009 010-014 015-019 020-024 025-029 030-034 035-039 040-044 045-049 050-054 055-059 060-064 065-069 070-074 075-079 080-084 085-089 090-094 095-099 100-104 105-109 110-114 115-119 120-124 125-129 130-134 135-139 140-144 145-149 150-154 155-159 160-164 165-169 170-174 175-179 180-184 185-189 190-194 195-199 200-204 205-209 210-214 215-219 220-224 225-229 230-234 235-239 240-244 245-249 250-254 255-259
CH 9	CH9	CH 14	Iris	000-007 008-015 016-023 024-031 032-039 040-047 048-055 056-063 064-071 072-079 080-087 088-095 096-103 104-111 112-119 120-127 128-135 136-143 144-151 152-159 160-167 168-175 176-183 184-191 192-199 200-207 208-215 216-223 224-231 232-239 240-247 248-255
		CH 15	Iris Fine	000 050 100 150 200 255
CH 10	CH 10	CH 16	Fixed Gobo Wheel	000-006 007-012 013-018 019-024 025-030 031-036 037-042 043-048 049-054 055-060 061-066 067-072 073-078 079-084 085-090 091-096 097-102 103-108 109-114 115-120 121-126 127-132 133-138 139-144 145-150 151-156 157-162 163-168 169-174 175-180 181-186 187-192 193-198 199-204 205-210 211-216 217-222 223-228 229-234 235-240 241-246 247-252 253-258 259-264 265-270 271-276 277-282 283-288 289-294 295-300 301-306 307-312 313-318 319-324 325-330 331-336 337-342 343-348 349-354 355-360 361-366 367-372 373-378 379-384 385-390 391-396 397-402 403-408 409-414 415-420 421-426 427-432 433-438 439-444 445-450 451-456 457-462 463-468 469-474 475-480 481-486 487-492 493-498 499-504 505-510 511-516 517-522 523-528 529-534 535-540 541-546 547-552 553-558 559-564 565-570 571-576 577-582 583-588 589-594 595-600 601-606 607-612 613-618 619-624 625-630 631-636 637-642 643-648 649-654 655-660 661-666 667-672 673-678 679-684 685-690 691-696 697-702 703-708 709-714 715-720 721-726 727-732 733-738 739-744 745-750 751-756 757-762 763-768 769-774 775-780 781-786 787-792 793-798 799-804 805-810 811-816 817-822 823-828 829-834 835-840 841-846 847-852 853-858 859-864 865-870 871-876 877-882 883-888 889-894 895-900 901-906 907-912 913-918 919-924 925-930 931-936 937-942 943-948 949-954 955-960 961-966 967-972 973-978 979-984 985-990 991-996 997-1000
CH 11	CH 11	CH 17	Rotating Gobo Wheel 1	000-020 021-040 041-060 061-080 081-100 101-120 121-140 141-160 161-180 181-200 201-220 221-240 241-260 261-280 281-300 301-320 321-340 341-360 361-380 381-400 401-420 421-440 441-460 461-480 481-500 501-520 521-540 541-560 561-580 581-600 601-620 621-640 641-660 661-680 681-700 701-720 721-740 741-760 761-780 781-800 801-820 821-840 841-860 861-880 881-900 901-920 921-940 941-960 961-980 981-1000
CH 12	CH 12	CH 18	Gobo Rotation 1	000-120 121-180 181-240 241-300 301-360 361-420 421-480 481-540 541-600 601-660 661-720 721-780 781-840 841-900 901-960 961-1000
		CH 13	Rotating Gobo 1 Fine	000 050 100 150 200 255
CH 13	CH 14	CH 20	Rotating Gobo Wheel 2	000-020 021-040 041-060 061-080 081-100 101-120 121-140 141-160 161-180 181-200 201-220 221-240 241-260 261-280 281-300 301-320 321-340 341-360 361-380 381-400 401-420 421-440 441-460 461-480 481-500 501-520 521-540 541-560 561-580 581-600 601-620 621-640 641-660 661-680 681-700 701-720 721-740 741-760 761-780 781-800 801-820 821-840 841-860 861-880 881-900 901-920 921-940 941-960 961-980 981-1000
CH 14	CH 15	CH 21	Gobo Rotation 2	000-120 121-180 181-240 241-300 301-360 361-420 421-480 481-540 541-600 601-660 661-720 721-780 781-840 841-900 901-960 961-1000
		CH 16	Rotating Gobo 2 Fine	000 050 100 150 200 255
CH 15	CH 17	CH 23	PrismFrost	000 050 100 150 200 255
CH 16	CH 18	CH 24	Prism Rotation	000-120 121-180 181-240 241-300 301-360 361-420 421-480 481-540 541-600 601-660 661-720 721-780 781-840 841-900 901-960 961-1000
CH 17	CH 19	CH 25	Effect Wheel	000-020 021-040 041-060 061-080 081-100 101-120 121-140 141-160 161-180 181-200 201-220 221-240 241-260 261-280 281-300 301-320 321-340 341-360 361-380 381-400 401-420 421-440 441-460 461-480 481-500 501-520 521-540 541-560 561-580 581-600 601-620 621-640 641-660 661-680 681-700 701-720 721-740 741-760 761-780 781-800 801-820 821-840 841-860 861-880 881-900 901-920 921-940 941-960 961-980 981-1000
CH 18	CH 20	CH 26	Effect Wheel Rotation	000 050 100 150 200 255
CH 19	CH 21	CH 27	Focus	000 050 100 150 200 255
		CH 28	Focus Fine	000 050 100 150 200 255
CH 20	CH 22	CH 29	Zoom	000 050 100 150 200 255
		CH 30	Zoom Fine	000 050 100 150 200 255
CH 21	CH 23	CH 31	Beam Angle Lens	000 050 100 150 200 255
CH 22	CH 24	CH 32	Pan	000 050 100 150 200 255
		CH 25	Pan Fine	000 050 100 150 200 255
CH 23	CH 26	CH 34	Tilt	000 050 100 150 200 255
		CH 27	Tilt Fine	000 050 100 150 200 255
	CH 28	CH 36	Pan&Tilt speed	000 050 100 150 200 255
CH 24	CH 29	CH 37	Control	000-040 041-080 081-120 121-160 161-200 201-240 241-280 281-320 321-360 361-400 401-440 441-480 481-520 521-560 561-600 601-640 641-680 681-720 721-760 761-800 801-840 841-880 881-920 921-960 961-1000

DUE TO CONTINUOUS IMPROVEMENTS, SPECIFICATIONS MAY CHANGE WITHOUT PRIOR NOTICE.

