



THE DREAM TEAM

MAX | JACK | RAPTOR | NRG 1201 | NRG 501



The Lighting Company



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NRG 1201
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WHEN THE WORLD'S AN ARENA AND LIGHTING IS A GLOBAL GAME, YOU NEED TO PLAY WITH THE BEST. SO, ENTER THE FRAY WITH **THE DREAM TEAM**, THE UNMATCHED NEW GENERATION OF ULTRA-BRIGHT / SUPER-LIGHT / VERSATILE / COST-EFFECTIVE MOVING HEADS, DESIGNED BY D.T.S. FOR THE MOST DEMANDING TASKS.

MAX, JACK, RAPTOR, NRG 1201 AND NRG 501 FORM A RANGE OF PRODUCTS THAT'S TRULY UNIQUE ON THE MARKET: SAVAGELY LUMINOUS, SMALL, AGILE, FAST, VERSATILE, FULL-FEATURED, LIGHTWEIGHT AND UNBEATABLY EFFICIENT, THEY ENSURE YOU MORE WITH LESS.

NEW-GENERATION PATENTED OPTICAL GROUPS LET THE PROJECTORS DO THE JOB OF DIFFERENT TYPES OF MOVING HEAD FIXTURES, EVEN THE BRIGHTEST ONES.

THEIR EXCEPTIONAL BRIGHTNESS:CONSUMPTION RATIO MAKES THEM TRULY 'GREEN' PROJECTORS. EXCLUSIVE FEATURES SUCH THE (PATENTED) FPR SYSTEM – THAT ALLOWS LIMITLESS PAN ROTATION IN EITHER DIRECTION – PROVIDE LIGHTING DESIGNERS UNMATCHED CREATIVE CONTROL.

TOURS, FESTIVALS, BIG EVENTS, EXHIBITIONS, TELEVISION STUDIOS, CLUBS, THEATRES, SPORT VENUES ... THE DREAM TEAM HAS BEEN AND WILL CONTINUE TO BE THE STAR IN AN ENDLESS VARIETY OF PROFESSIONAL APPLICATIONS.

MAX

Lamp

MSD PLATINUM 16R 330W (16.000 Lumens)

Optical group

Improved optical group made with 11 coated lenses

100.000 Lux at 5 m

Motorized wide-excursion linear zoom

Beam opening:

1,5° - 2° (Beam projection)

2° - 37° (Spot projection)

10° - 60° (Wash projection)

4° - 40° (Studio projection)

16-bit motorized linear focus

Motorized Iris

Linear dimmer

Frost filter

Colour generation

Linear CMY

Linear CTO

Colour wheel (17 colours + white) with linear selection for perfect 2-colour beams

Dynamic effects

Overlapping wheels for multiple effects:

Customizable rotating gobo wheel (9 gobos)

Customizable fixed gobo wheel (10 gobos)

Animation Wheel

4-facet rotating prism

Interface / Control / Programming

Li-Fe backup battery for controlling the main parameters even when MAX is not powered

RDM

ARTNET available on request

Wireless ready

Updatable internal operating system

DMX

33 DMX channels

Pan & Tilt

'FPR' system (D.T.S. patent)

Pan (limitless, in both directions); Tilt (270°)

Tri-phase stepper motor technology

for ultra-fast silent Pan / Tilt movements

Pan 540°: 2,5 sec.; Tilt 270°: 1,5 sec.

16-bit resolution

Pan / Tilt lock

Power supply

Electronic ballast: 90-260 V 50 / 60 Hz

Power Consumption: 450 W with PFC

Weight

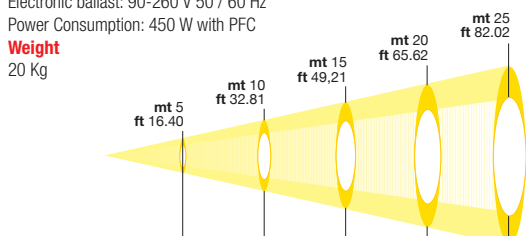
20 Kg



*** THE MOST COMPLETE MOVING HEAD ON THE MARKET**

*** 4 UNITS IN A SINGLE MOVING HEAD**

*** BEAM / SPOT / WASH / STUDIO**



Beam

	100000	25000	11111	6250	4000	
Lux center	100000	25000	11111	6250	4000	Beam angle 1,5°
Foot candles	9294	2323	1033	581	372	
Diameter cm.	19	26	39	52	65	
Diameter ft.	0,43	0,86	1,29	1,72	2,15	

Spot

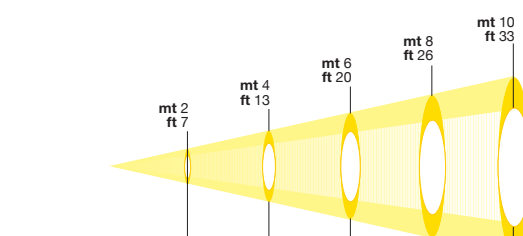
	100000	25000	11111	6250	4000	
Lux center	100000	25000	11111	6250	4000	Beam angle 2°
Foot candles	9294	2323	1033	581	372	
Diameter cm.	18	37	55	73	92	
Diameter ft.	0,60	1,20	1,80	2,41	3,01	

	1030	258	114	64	41	
Lux center	1030	258	114	64	41	Beam angle 37°
Foot candles	96	24	11	6	4	
Diameter cm.	335	669	1004	1338	1673	
Diameter ft.	10,98	21,95	32,93	43,91	54,89	

Studio

	59300	14825	6589	3706	2372	
Lux center	59300	14825	6589	3706	2372	Beam angle 4°
Foot candles	5511	1378	612	344	220	
Diameter cm.	35	70	105	140	175	
Diameter ft.	1,15	2,29	3,44	4,58	5,73	

	850	213	94	53	34	
Lux center	850	213	94	53	34	Beam angle 40°
Foot candles	79	20	9	5	3	
Diameter cm.	364	728	1092	1456	1820	
Diameter ft.	11,94	23,88	35,82	47,76	59,71	



Wash

	63250	15813	7028	3953	2530	
Lux center	63250	15813	7028	3953	2530	Beam angle 10°
Foot candles	5878	1470	653	367	235	
Diameter cm.	35	70	105	140	175	
Diameter ft.	1,15	2	3	4,59	6	

	1490	372	166	93	60	
Lux center	1490	372	166	93	60	Beam angle 60°
Foot candles	138	35	15	9	6	
Diameter cm.	231	462	693	924	1155	
Diameter ft.	7,58	15	23	30,31	38	



JACK

Lamp

MSD Platinum 5R (7.950 Lumens)

Optical group

Improved optical group made with 11 coated lenses

Motorized wide-excursion linear zoom

Beam opening:

1° - 2,5° (Beam projection)

2,5° - 37° (Spot projection)

38° - 46° (Wash projection)

16-bit motorized linear focus

Motorized iris

Linear dimmer

Colour generation

Colour wheel (17 colours + white) with linear selection for perfect 2-colour beams

Dynamic effects

Overlapping wheels for multiple effects:

Customizable rotating gobo wheel (9 gobos)

Customizable fixed gobo wheel (10 gobos)

4-facet rotating prism

Interface / Control / Programming

RDM

ARTNET available on request

Wireless ready

Updatable internal operating system

DMX

25 DMX channels

Pan & Tilt

'FPR' system (D.T.S. patent): limitless Pan rotation in both directions

Tri-phase stepper motor technology

for ultra-fast silent Pan / Tilt movements

Pan 540°: 2,5 sec.; Tilt 270°: 1,5 sec.

16-bit resolution

Power supply

Electronic ballast: 90-260 V 50 / 60 Hz

Power Consumption: 230 W with PFC

Weight

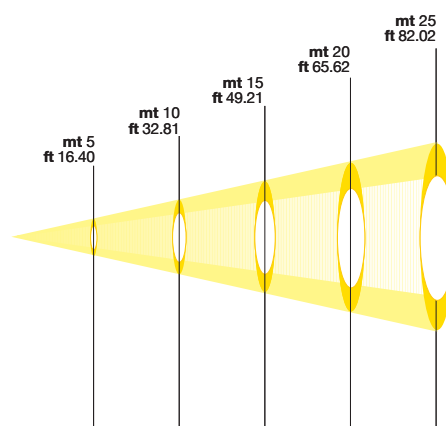
11,9 Kg



*** 3 FIXTURES IN 1**

*** BEAM / SPOT / WASH**

*** THE PERFECT TOOL OF THE TRADE FOR ANY KIND OF EVENT**



	mt 5 ft 16.40	mt 10 ft 32.81	mt 15 ft 49.21	mt 20 ft 65.62	mt 25 ft 82.02	
Lux center	50000	12500	5556	3125	2000	Beam angle 2,5°
Foot candles	4647	1162	516	290	186	
Diameter cm.	22	44	52	65	87	
Diameter ft.	0,72	1,43	1,72	2,15	2,86	
Lux center	600	150	67	38	24	Beam angle 37°
Foot candles	56	14	6	3	2	
Diameter cm.	335	669	1004	1338	1673	
Diameter ft.	10,98	21,95	32,93	43,91	54,89	

RAPTOR

Lamp

Osram Sirius HRI 330W (16.500 Lumens;
7.500°K)

Optical group

Beam opening: 0,6° - 3,4°

150.000 Lux / 15 m

16-bit motorized linear focus

Linear dimmer / ultra-fast strobe

Colour generation

Colour wheel (17 colours + white) with linear
selection for perfect 2-colour beams

Dynamic effects

17-gobo wheel

8-facet rotating prism

Filters

Smooth filter (eliminates the hot spot, evenly
diffusing luminosity)

Frost filter

Interface / Control / Programming

RDM

Wireless ready

Updatable internal operating system

DMX

18 DMX channels

Pan & Tilt

'FPR' system (D.T.S. patent): limitless Pan
rotation in both directions

Tri-phase stepper motor technology

for ultra-fast silent Pan / Tilt movements

Pan 540°: 2,5 sec.; Tilt 270°: 1,5 sec.

16-bit resolution

Power supply

Electronic ballast: 90-260 V 50 / 60 Hz

Power Consumption: 450 W with PFC

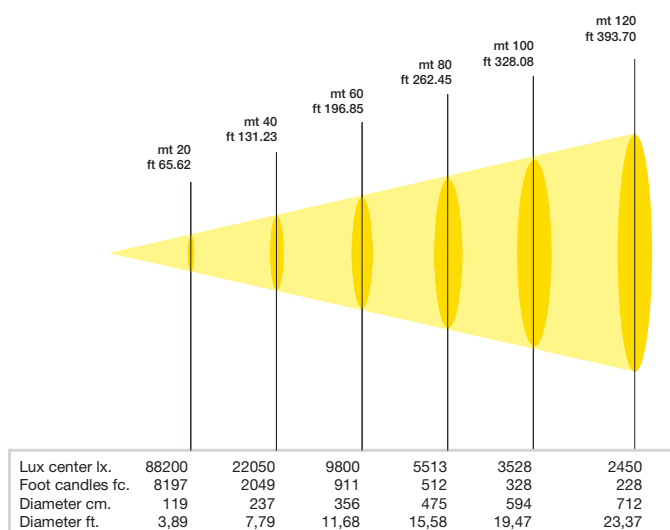
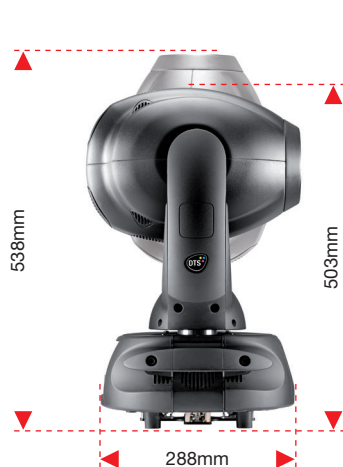
Weight

15,4 Kg



*** THE MOST COMPACT BEAM MOVING HEAD**

*** THE MOST POWERFUL AND EVENLY DIFFUSED
BEAM OF LIGHT**



NRG 1201

LED Technology

30 FULL COLOUR LEDs (RGBW)

Optical group

8° - 50° linear motorized zoom with high-efficiency optical system

Uniform projection on surfaces, from very wide Wash to PC Beam

Colour generation

16 million colours

Wide palette of pure uniform whites with variable linear colour temperature (2700°K - 8000°K)

Interface / Control / Programming

Wireless ready

Ethernet ready

Updatable internal operating system

DMX

20 DMX channels

Pan & Tilt

'FPR' system (D.T.S. patent): limitless Pan rotation in both directions

Tri-phase stepper motor technology

for ultra-fast silent Pan / Tilt movements

Pan 540°: 2,5 sec.; Tilt 270°: 1,5 sec.

16-bit resolution

Power supply

Electronic full-range AC 90-260 V 50/60 Hz

Power consumption: 340 W

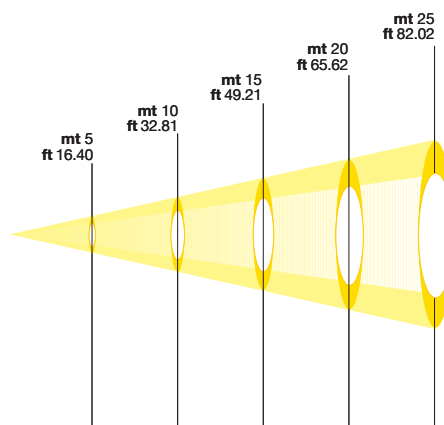
Weight

10,5 Kg



*** THE MOST EFFICIENT MOVING HEAD LED WASH LIGHT**

*** 8° - 50° MOTORIZED ZOOM: USE IT AS A PC BEAM OR A VERY WIDE WASH**



	mt 5 ft 16.40	mt 10 ft 32.81	mt 15 ft 49.21	mt 20 ft 65.62	mt 25 ft 82.02	
Lux center	10500	2625	1167	656	420	Beam angle 8°
Foot candles	976	244	108	61	39	
Diameter cm.	70	140	210	280	350	
Diameter ft.	2,29	4,59	6,88	9,18	11,47	
Lux center	700	175	78	44	28	Beam angle 50°
Foot candles	65	15	7	4	3	
Diameter cm.	364	728	1092	1456	1820	
Diameter ft.	11,94	23,88	35,82	47,76	59,71	

NRG 501

LED Technology

7 FULL COLOUR LEDs (RGBW)

Optical group

3,5°- 52° linear motorized zoom with high-efficiency optical system

Uniform projection on surfaces, from very wide Wash to PC Beam

Colour generation

16 million colours

Wide palette of pure uniform whites with variable

linear colour temperature (2700°K - 8000°K)

Interface / Control / Programming

Wireless ready

Updatable internal operating system

DMX

20 DMX channels

Pan & Tilt

Tri-phase stepper motor technology

for ultra-fast silent Pan / Tilt movements

Pan 540°: 2,5 sec.; Tilt 270°: 1,5 sec.

16-bit resolution

Also available with 'FPR' system (D.T.S. patent):

limitless Pan rotation in both directions

Power supply

Electronic full-range AC 90-260 V 50/60 Hz

Power consumption: 125 W

Weight

8,9 Kg

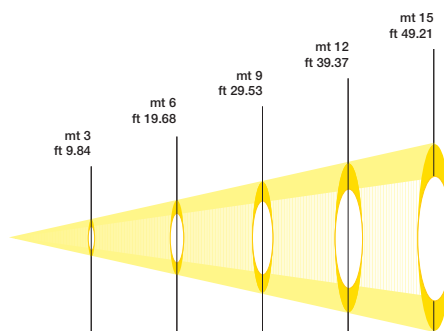


* **SUPER-LIGHT**

* **ULTRA-FAST**

* **EXTRA-LUMINOUS**

* **3,5°- 52° MOTORIZED ZOOM: FROM VERY CONCENTRATED BEAM TO WALL WASH**



	mt 3 ft 9.84	mt 6 ft 19.68	mt 9 ft 29.53	mt 12 ft 39.37	mt 15 ft 49.21	
Lux center	13056	3264	1451	816	522	Beam angle 3,5°
Foot candles	1213	303	135	76	49	
Diameter cm.	18	36	53	71	89	
Diameter ft.	0,58	1,17	1,75	2,34	2,92	
Lux center	425	106	47	27	17	Beam angle 52°
Foot candles	39	10	4	2	2	
Diameter cm.	293	585	878	1171	1463	
Diameter ft.	9,60	19,20	28,80	38,40	48,00	

ISO 9001:2008

D.T.S. quality system
is certified to the
ISO 9001:2008 standard



D.T.S. products are designed
and manufactured at the D.T.S.
plants in Italy



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DAMETRO

D.T.S. reserves the right to make any functional or design modification to any of its products without any prior notice.



The Lighting Company

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**WATCH THE VIDEO
'THE DREAM TEAM'.**