



The Lighting Company



### 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



#### WONDER.D introduces a revolutionary fixture architecture:

an exclusive double concentric optical system featuring different lenses and linear zoom ranges (central: 3.5° - 52° zoom; ring: 8° - 52° zoom). WONDER.D projects two concentric beams with independently controllable luminosity, size and color.

This new configuration results in an unprecedented evenly diffused luminosity, or a perfectly adjustable hotspot.

You can also obtain stunning multicolor projections: WONDER.D LED board consists of four independent zones: a central one, and a ring divided into three distinct sections. Each of these four areas has individual control of luminosity, colors and effects: it's like having four LED fixtures in one.

WONDER.D can create amazing concentric multi-color beams and effects in the air, guaranteed to astonish any audience. Also, WONDER.D comes equipped with the 'FPR' system (D.T.S. patent), which allows limitless pan rotation, in either direction, never having to reverse motion.

WONDER.D means unlimited creativity for Lighting Designers.

Express yourself and impress your audience with WONDER D.

#### LED Technology

49 FULL COLOR LEDs (RGBW)

#### Optical group

2 concentric independent high efficiency optical groups

Optical group 1 (7 lenses): 3.5° - 52° long excursion linear motorized zoom

Optical group 2 (42 lenses): 8° - 52° long excursion linear motorized zoom

22,000 Lux / 5 m

#### Color generation

4 discrete LED areas; each area is independently controllable (luminosity, colors, effects)

16 million colors each

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

#### Interface / Control / Programming

LCD graphic display + 4 soft-keys (control / management of the main parameters)

RDM

ARTNET ready

Wireless ready

Updatable internal operating system

Li-Fe display backup battery

#### DMX

34 DMX channels

#### Pan & Tilt

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

Pan: limitless rotation, in both directions;

360° rotation in 1.56 sec.; Tilt 270°: 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 full-range AC 90-260 V 50/60 Hz

Power consumption: 850 W

#### Connectors

DMX: 4 XLR connectors

(3-pole In and Out; 5-pole In and Out) by Neutrik  
Power supply: POWERCON in and Out (re-launch) connectors by Neutrik

#### Operating ambient temperature

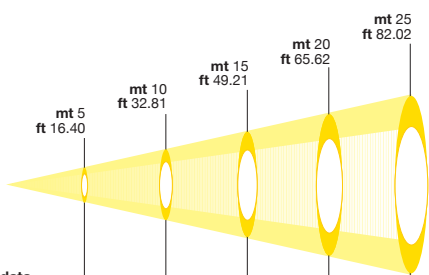
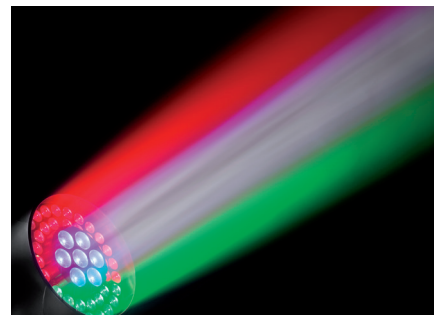
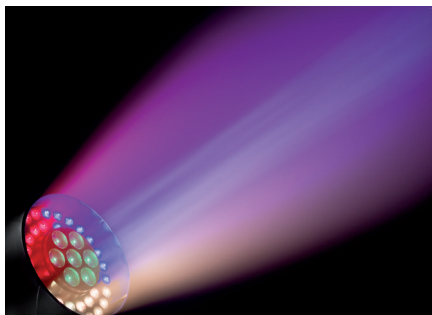
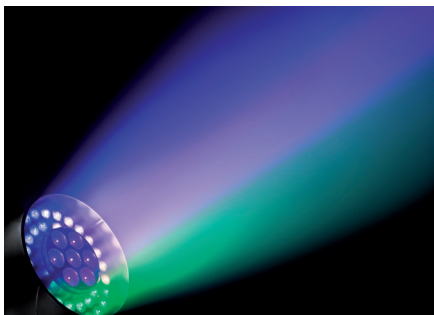
-10° / 40°

#### Weight

22 Kg

#### International certifications

Certification CE; LED Class: Class 2 LED product



Photometric data (even beam coverage)

<b>Lux center</b>	22000	5500	2444	1375	880	<b>Beam angle 8°</b>
<b>Foot candles</b>	2045	511	227	128	82	
<b>Diameter cm.</b>	70	140	210	280	350	
<b>Diameter ft.</b>	2.29	4.59	6.88	9.18	11.47	
<b>Lux center</b>	1537	384	171	96	61	<b>Beam angle 52°</b>
<b>Foot candles</b>	143	36	16	9	6	
<b>Diameter cm.</b>	488	975	1463	1951	2439	
<b>Diameter ft.</b>	16	32	48	64	80	

**DMX channels**

- |                   |                              |
|-------------------|------------------------------|
| 1 PAN msb         | 18 GREEN SECTOR 2            |
| 2 PAN lsb         | 19 BLUE SECTOR 2             |
| 3 TILT msb        | 20 WHITE SECTOR 2            |
| 4 TILT lsb        | 21 RED SECTOR 3              |
| 5 SPEED MOVEMENT  | 22 GREEN SECTOR 3            |
| 6 PAN FPR         | 23 BLUE SECTOR 3             |
| 7 SHUTTER         | 24 WHITE SECTOR 3            |
| 8 DIMMER          | 25 WHITE PREPROGRAMMED       |
| 9 RED CENTER      | 26 CTC                       |
| 10 GREEN CENTER   | 27 MACROS                    |
| 11 BLUE CENTER    | 28 MACROS SPEED CONTROL      |
| 12 WHITE CENTER   | 29 FUNCTIONS                 |
| 13 RED SECTOR 1   | 30 ZOOM CENTRE / GLOBAL ZOOM |
| 14 GREEN SECTOR 1 | 31 ZOOM SECTORS              |
| 15 BLUE SECTOR 1  | 32 ZOOM MODE                 |
| 16 WHITE SECTOR 1 | 33 SERVICE                   |
| 17 RED SECTOR 2   | 34 RESET                     |