

# NICK NRG 1401



DESIGNED TO SHINE



## The creative Beam/Wash Light with Single Pixel Control



23 OSTAR N RGBW LEDs

REAL BEAM AND WASH  
PROJECTIONS

SINGLE PIXEL CONTROL

PERFECT RGBW COLOR MIXING

HIGH QUALITY OPTICAL SYSTEM

LINEAR ZOOM 4° - 52°

ADJUSTABLE COLOR

TEMPERATURE 2700 - 8000 K

SILENT OPERATION

'FPR' - FREE PAN ROTATION  
SYSTEM (DTS PATENT)

27,000 LUX @ 5 M

LIGHTWEIGHT: ONLY 13 KG

NICK NRG 1401 is a high performance LED wash moving head. Extreme brightness, single pixel control, and 4° to 52° zoom range make this fixture perfect in a range of applications, either as a beam light with multi-color rays, or as a wash light with a very wide projection.

NICK NRG 1401 is suitable for medium/ big venues, and it's the perfect solution for TV studios, delivering top-of-the-line visual effects or perfectly uniform wash lighting.

NICK NRG 1401 is equipped with 23 OSTAR N RGBW LEDs.



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## LED TECHNOLOGY

23 Full Color (RGBW) LEDs  
Pixel to pixel control  
(11,500 Lumens)

## OPTICAL GROUP

4°- 52° linear motorized zoom  
with high efficiency  
optical system; 27,000 Lux at 5 m  
PC Beam to very wide Wash  
projections

## COLOR GENERATION

16 million colors; Wide palette of  
pure uniform whites;  
Variable linear color temperature  
(2700 K – 8000 K)

## INTERFACE / CONTROL / PROGRAMMING

Multi-function OLED graphic  
color display + 4 soft keys: control  
/ management / monitoring  
of the main parameters  
Controlled via DMX 512 and RDM  
standard digital communication  
protocols  
RDM, Internal operating system  
updatable via DTS RED BOX  
interface via "DTS firmware  
upgrade utility" program on  
windows based PC

## DMX

111 DMX channels

## PAN & TILT

'FPR' system (DTS patent)  
Pan: limitless rotation, in both  
directions; 360° rotation in 0.89 sec.;  
Tilt 270°: 1.2 sec.  
16-bit movement resolution

## POWER SUPPLY

Electronic full-range AC 90-260 V  
50/60 Hz  
Power consumption: 390 W max

## CONNECTORS

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

## OPERATING AMBIENT TEMPERATURE

-10° / 40°

## PHYSICAL

Weight: 13 Kg  
Dimensions: base 326x218 mm  
Overall 372x218x503 h mm

## INTERNATIONAL CERTIFICATIONS

Certification CE; LED Class:  
Class 2 LED product

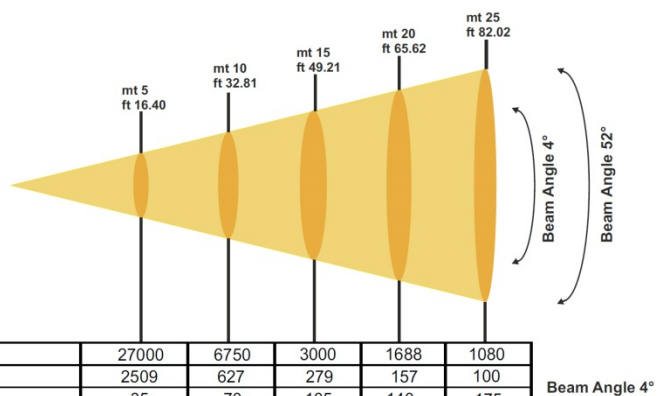
## INCLUDED ITEMS

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)  
1 x "C" Clamp G QUICK  
(cod. 0521A014)

## PHOTOMETRIC DATA

Lux center [lx]	27000	6750	3000	1688	1080
Foot candles [fc]	2509	627	279	157	100
Diameter [cm]	35	70	105	140	175
Diameter [ft]	1,15	2,29	3,44	4,58	5,73

Lux center [lx]	804	201	89	50	32
Foot candles [fc]	75	19	8	5	3
Diameter [cm]	488	975	1463	1951	2439
Diameter [ft]	16,00	32,00	48,00	64,01	80,01



## DMX CHANNELS

- |                     |              |
|---------------------|--------------|
| 1 RED DIMMER        | 16 SERVICE   |
| 2 GREEN DIMMER      | 17 FUNCTIONS |
| 3 BLUE DIMMER       | 18 ZOOM      |
| 4 WHITE DIMMER      | 19 RESET     |
| 5 SHUTTER           | 20 RED 1     |
| 6 DIMMER            | 21 GREEN 1   |
| 7 DIMMER FINE       | 22 BLUE 1    |
| 8 LINEAR CTO        | 23 WHITE 1   |
| 9 MACRO FIXED COLOR | ...          |
| 10 PAN              |              |
| 11 PAN FINE         | 108 RED 23   |
| 12 TILT             | 109 GREEN 23 |
| 13 TILT FINE        | 110 BLUE 23  |
| 14 PAN TILT SPEED   | 111 WHITE 23 |
| 15 FPR              |              |