

6. STARLED5 NX TECHNICAL DATA

Technical Features	STARLED5 NX
Power supply unit input voltage	100-240 Vac – 50/60 Hz
Power Consumption	75 W @ 130.000 lux (90 W @ 160.000 lux)
Product Class (EN 60601-2-41)	I
Light head power supply	24 Vdc
LED Average life	60.000 hours about
Max illuminance at center, Ec	130.000 lux (160.000 lux optional)
Color temperature, CCT	STANDARD Version 4.500 K TW Version From 3.700 K to 4.700 K stepless ETW Version (optional) From 3.000 K to 5.700 K stepless
Color rendering index (Ra/R9/R13)	98/96/100
Focusable working distance	70 - 150 cm
Light Intensity Adjustment	From 5% to 100% stepless
Light field diameter(d10/d50)	
Small spot	24/13 cm
Large spot	33/17 cm
Lighting depth L1 + L2	117 cm (@ 20 %), 64 cm (@ 60 %)
Remaining illuminance as regards as Ec (Small spot / Large spot)	
With one mask	86 % / 63 %
With two masks	56 % / 56 %
With standardized cylinder	88 % / 77 %
With standardized cylinder and a mask	53 % / 46 %
With standardized cylinder and two masks	39 % / 50 %
Irradiance @ max illuminance	
Visible	377 W/m ² (130.000 lux) 465 W/m ² (160.000 lux)
IR	0,02 W/m ²
UV	0,02 W/m ²
Irradiance / Illuminance	2,90 mW/m ² /lux
Luminous efficacy	344 lm/W
IP	43
Light Head max. external temperature	45 °C
Light Head Diameter / Weight	67 cm / 12 kg
Color	RAL 9002

Note 1: all photometric data are subject to a 10% tolerance.

Note 2: All data are according to reference Standard: EN 60601-2-41, at a distance of 100 cm.

6.1 Other Technical Data

Technical Data relating to MIDLINE, MODULAR LINE SUPPORTS and to OPTIONS can be consulted in the technical data sheets of the relevant installation manuals.