

GTD™ 230I-N Beam Specifications

Features are subject to change without any prior written notice.

Optical

Light source	OSRAM 230W HRI lamp
Expected average lifetime	2000 hours
Beam angle	4°
Motorized Focus	Variable range, from 15m to infinity
Prism	8-facet prism, CW/CCW rotation, variable speed
Frost	On/Off
Ballast	Electronic

Gobo

Static gobo wheel	17 gobos + open, CW/CCW rotation, variable speed
Max. Image diameter	6mm
Max. Thickness	0.5mm (Metal)
Glass/Metal gobo	Metal

Color

Color wheel	14 colors + open, split color, CW/CCW rotation, variable speed
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Electrical

Power input, nominal	AC 100-240V - 50/60Hz
Max. Power consumption	355W
Power supply unit	Auto-ranging electronic SMPS
Main fuse	250V/5A

Control and programming

Control channels (DMX)	15/12/16
Protocol	DMX-512, RDM
Display	Graphic LCD backlit
16-bit control	Dimmer, focus, pan/tilt

Physical / Installation

Weight	17 kg (37.5 lbs.)
IP rating	IP20
Material	Aluminium, steel, plastic
Mounting points	Four quarter-turn locking points + attachment points for safety wire
Minimum distance to combustible materials	0.5 mtr (1.64ft.)
Minimum distance to illuminated surfaces	12 mtr (39.4ft.)

Dynamic effects

Pan/Tilt movement	540° / 270°
Strobe	1-20Hz, synchronized, pulse effects
Dimmer	0-100%, 16-bit, mechanical dimming

Thermal

Operating range	14°F - 113°F (-10°C - +45°C)
Startup range	5°F - 113°F (-15°C - +45°C)
Storage range	-40°F - 140°F (-40°C - +60°C)
Cooling	Active fan
Humidity	≤ 85%

Connections

AC power	Neutrik powerCon
DMX data input/output	Chassis 5-pin Neutrik XLR (in/out)

Certification and Safety

EMC	EN 55103-1:2009, EN 55103-2:2009, EN 61000-3-2:2006+A2:2009, EN 61000-3-3:2013
Safety	EN 60598-2-17:1989/A2:1991

Included items
User manual
4.92 ft. (1.5m) cable with Neutrik PowerCon
2 x G-clamp, for Ø42-52mm, Max. 200 kg
Order information
8202033001 - 2 x 230I-N Beam, in double flightcase
8202033002 - 1 x 230I-N Beam, in single cardboard box
8202033003 - 1 x 230I-N Beam, customized
8202033004 - 2 x 230I-N Beam-R, in double flightcase, incl. wireless
8202033005 - 1 x 230I-N Beam-R, in single cardboard box, incl. wireless
Accessories
1306030004 - Bulb, OSRAM HRI lamp
1503030201 - Flight case, 2 units for 230/LMZ1519 series
5198020104 - G-clamp with 1/4-turn fasteners, for Ø42-52mm, Max. 200 kg
Notes
Sleep mode