

GTD™ 461 II BSW Specifications

Features are subject to change without any prior written notice.

Optical

Light source	OSRAM SIRIUS HRI 461W VS60
Expected average lifetime	1500 hours
Beam angle	Beam: 2°/ Spot: 4° - 26°
Focus	Variable range, from 10m to infinity
Prism	8 + 16-facet prism, CW/CCW rotation, variable speed
Frost	On/Off
Ballast	Electronic

Photometric

Total Output (Lumen)	Beam: 15900 lumens narrow / 15300 lumens wide, Spot: 19000 lumens narrow / 21300 lumens wide
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Gobo

Rotating gobo	8 interchangeable gobos + open, indexing, CW/CCW rotation, variable speed
Static gobo wheel	14 gobos + open, CW/CCW rotation, variable speed
Gobo outside diameter	14.4mm
Max. Image diameter	7mm
Max. Thickness	1.1mm (Glass)
Glass/Metal gobo	Glass

Color

Color wheel	2 color wheels, each with 7 colors + open, split color, CW/CCW rotation, variable speed
CMY / CTO	CMY + CTO for linear infinity color mixing

Electrical

Power input, nominal	AC 100-240V - 50/60Hz
Max. Power consumption	757W
Power supply unit	Auto-ranging electronic SMPS
Main fuse	250V/10A

Control and programming

Control channels (DMX)	26/23/33
Protocol	DMX-512
Display	Graphic LCD backlit
16-bit control	Dimmer, C,M,Y colors, CTO, focus, zoom, pan/tilt, gobo indexing & rotation, rotating gobo wheel positioning

Physical / Installation

Weight	29 kg (63.9 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	10mtr (32.81ft.)

Dynamic effects

Pan/Tilt movement	540° / 270°
Strobe	1-20Hz, synchronized, pulse effects
Dimmer	0-100%, 16-bit, mechanical dimming
Zoom	Motorized
Built-in macros	Color
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	
Notes	
Sleep mode	
Automatic energy saving mode	