



Luxo Medical Products

# GENESIS<sup>®</sup> PLUS

*Health care professionals agree on the superiority  
and extraordinary value of the Genesis<sup>®</sup> Plus*

PERFORMANCE RELIABILITY VALUE



Genesis<sup>®</sup> Plus combines the most required O.R. features with increased intensity, shadow-free field and a design for easy maintenance, operation and bulb replacement.

*The Right Light*

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MAJOR O.R.

# GENESIS<sup>®</sup> PLUS

*Design extras on Genesis<sup>®</sup> Plus mean no more compromising on O.R. light features!*

Burton's Genesis<sup>®</sup> Plus combines all the features you require plus increased intensity of 150,000 Lux, 4200° K color temperature, and a design for easy maintenance, operation and bulb replacement. You won't need to compromise on the features you demand from an O.R. light – Genesis<sup>®</sup> Plus includes limitless rotation around vertical axes, drift-free, lightweight arm system and shadow reduction. This light also incorporates unique "design extras": continuous dimming, convenient tool-free bulb changing mechanism, options for bulb storage and an hours-in-use meter, as well as completely smooth front surface for easy cleaning.

## GENESIS<sup>®</sup> PLUS FEATURES:

- > 30" (76cm) diameter lighthead
- > 13,800 footcandles (150,000 lux) at 1 meter
- > 4200° K color temperature
- > 8"-10" (20-25cm) spot size
- > Six 50-watt halogen bulbs wired in parallel to assure continuous illumination; each bulb rated for 1000-hour life
- > Focus adjustment on center handle
- > Continuous dimming
- > Large side positioning handles for extra convenience
- > Completely smooth front surface for easy cleaning
- > Easy bulb change (no tools required)
- > Mounting system for 10' (3.03m) standard ceiling height; special ceiling plates available for lower and higher ceilings
- > 5-year warranty
- > UL 544 Certified
- > Made in the USA



"The Genesis<sup>®</sup> Plus is simply the best light I've seen or used... ever. Our entire staff agrees that the Genesis' performance is absolutely flawless."

– Harold W. Garvin, M.D.





Convenient control and operation: Focus adjustment and positioning can be done with the center handle. In addition, there are conveniently located positioning handles on the sides. An hours-in-use meter is included as a standard feature to monitor maintenance and bulb change schedules.



Easy Maintenance: Suspension system includes five external access points to allow operator to adjust both horizontal and vertical friction.

Maximum shadow reduction and continuous illumination: Six 50-watt halogen bulbs are wired to assure continuous illumination even if one bulb burns out; 30-inch (76 cm) diameter lighthead and optics design guarantee optimum shadow reduction.



Unique, easy bulb replacement and storage system: Bulbs are replaced from the back of the light without a tool; spare bulbs can be stored in the wall control panel included with each light.



**MODELS**

115V	230V	
#GS30SC	#GS32SC	Genesis® Plus Single Ceiling
#GS30DC	#GS32DC	Genesis® Plus Double Ceiling

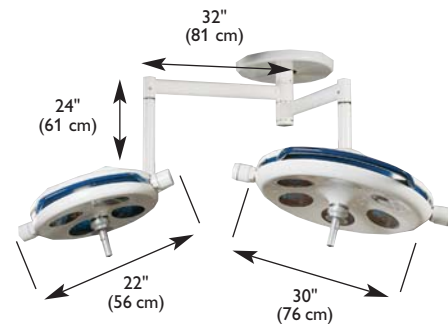
**GENESIS® PLUS/GENIE™ II COMBO MODELS**

115V	230V	
#GS30CC	#GS32CC	Genesis® Plus/Genie™ II Ceiling Combination

**ACCESSORIES**

#2100288	Genesis® Plus/Genie™ II Replacement focus handle
#2100374	Steel plate assembly for special height ceilings
#0002004PK	Set of 6 Genesis® Plus 50-Watt Halogen Bulbs
#0002008PK	Set of 4 Genie™ II 50-Watt Halogen Bulbs
#0008100PK	Set of 25 Burton Sterile Disposable Light Handle Covers

Note: Drop tube (for both Genesis® Plus and Genie™ II) is available in variable lengths. Please contact Burton for more information.



Genesis® Plus/Genie™ II Combo

Compare technical data and you  
will choose Burton's GENESIS® PLUS



## SUMMARY OF TECHNICAL DATA

<b>Illuminance measured at a distance of 1m (39.4 inches):</b>	13,800 footcandles (150,000 Lux)
<b>Color temperature:</b>	4200° K
<b>Diameter of lighthead:</b>	30 inches (76 cm)
<b>Light field:</b>	8 inches - 10 inches (20 cm - 25 cm)
<b>Depth of illumination without refocusing:</b>	17 inches (43 cm)
<b>Focusing:</b>	Adjustable using center handle
<b>Dimming:</b>	Continuous dimming (not discrete) on control panel using linear slider
<b>Rotation:</b>	Unlimited (continuous) without stops
<b>Sterilizable handle:</b>	Sterilizable handle locks into position with one hand
<b>Number of bulbs:</b>	6
<b>Light sources (halogen):</b>	50 watts, 24 volts (each); wired in parallel for continuous light output
<b>Rated life of halogen lamp:</b>	1000 hours
<b>Heat emission:</b>	Significantly below IEC recommended limit of 10 W/m <sup>2</sup> at highest intensity
<b>Heat on lighthead cover:</b>	Unique internal heat shields ensure that it is "cool" to the touch
<b>Swivel radius of lamp housing-ceiling mounted:</b>	54 inches (137 cm) to center of lamp head
<b>Height adjustment of lamp housing-ceiling mounted:</b>	20" (51 cm)
<b>Ceiling height accommodation/voltage option:</b>	9 feet - 13 feet (2.74 m - 3.46m); 115V, 230V, 240V, 100V models available
<b>Control Box Model Option:</b>	Wall-mounted control box measures 12" x 16" x 6" (30 cm x 41 cm x 15 cm) and includes on/off switch, continuous intensity adjustment and storage area for bulbs and fuses
<b>Power:</b>	300 watts
<b>Electrical system standards:</b>	UL 544
<b>Mounting options:</b>	Single ceiling, dual ceiling, combo (with Genie® II)
<b>Total weight:</b>	Single: 130 lbs. (59 kg); double: 210 lbs. (95 kg); Combo: 329 lbs. (150 kg)
<b>Seismic calculations available:</b>	Yes
<b>Battery option/emergency electrical power:</b>	Yes
<b>Bulb change mechanism/sealed lighthead:</b>	Changes from back without tools; front of lighthead is sealed
<b>Product warranty:</b>	5 years parts and labor
<b>Applications:</b>	Operating Room, Emergency Room, Trauma Center, Surgery Center, LDR, Cath Lab, Outpatient Surgery, Plastic Surgery, Ophthalmology & Surgery Suites
<b>Accessories:</b>	Genesis Plus bulbs, sterilizable handles and handle covers
<b>Origin:</b>	Manufactured by Burton's facility in Chatsworth, CA USA

Note: The optical data are nominal values based on measurements calculated according to UL/IEC performance standards at 120V.



**burton**

Luxo Medical Products

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