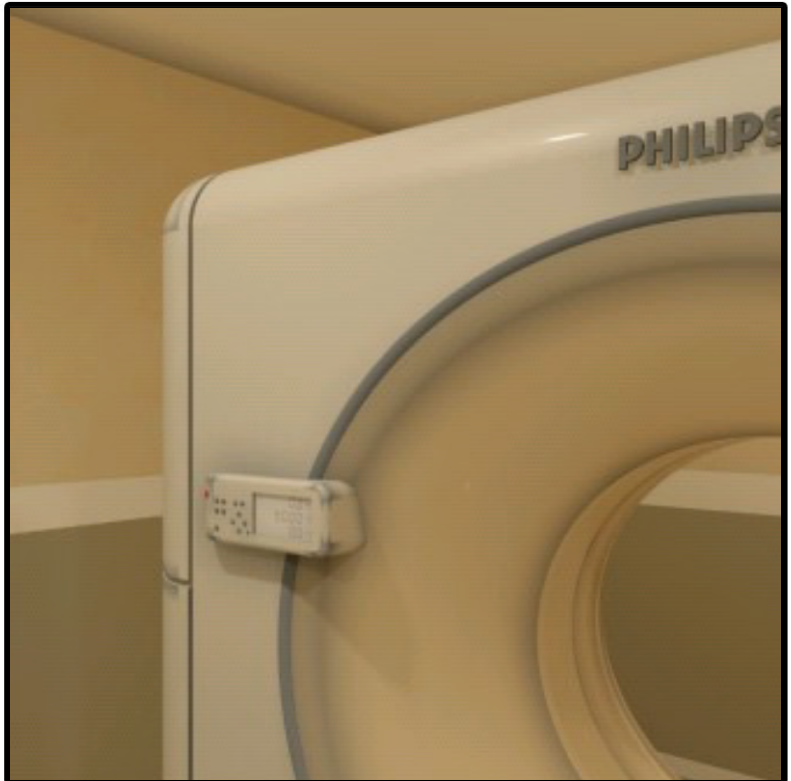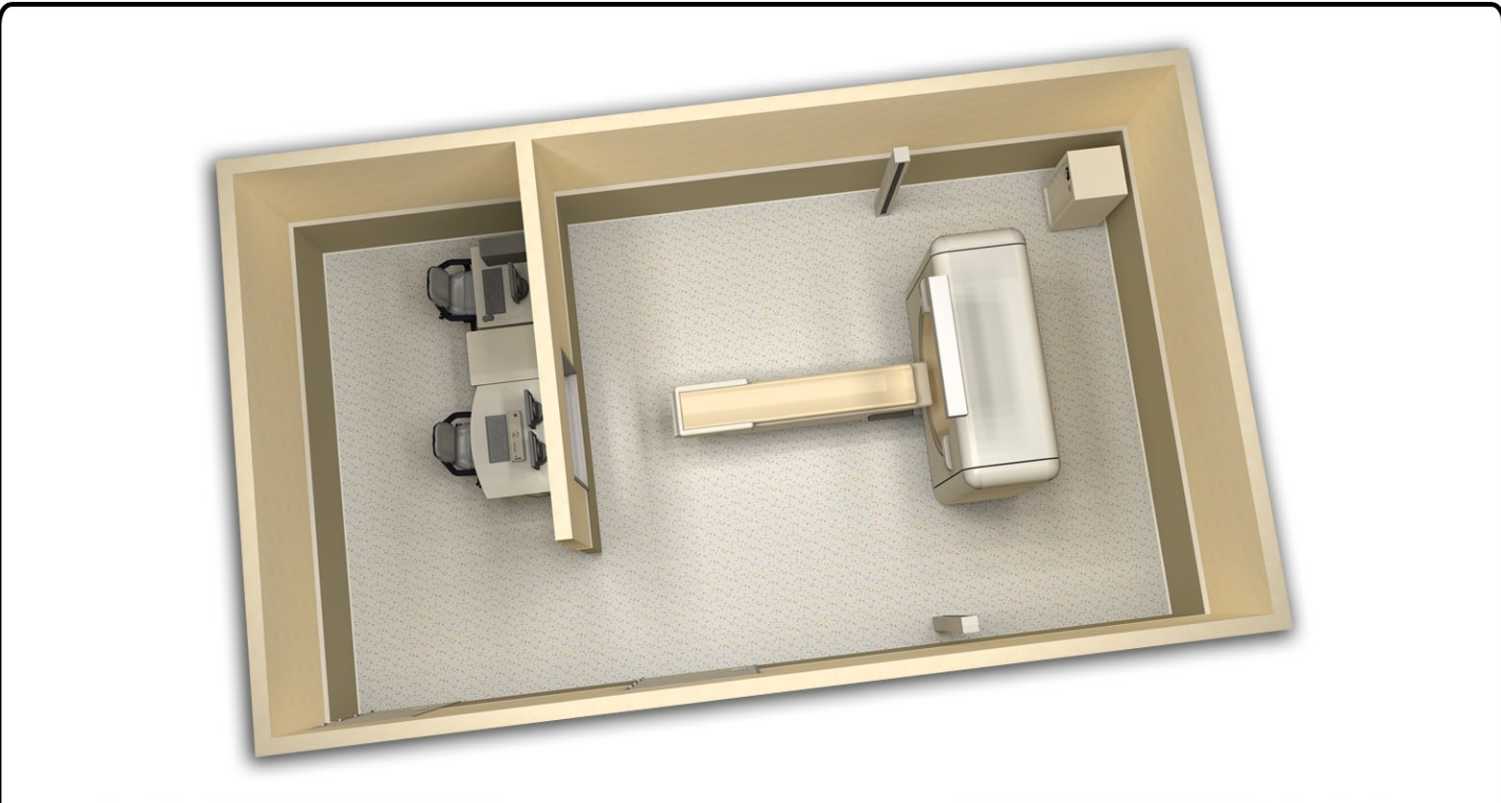Exam
Room View

Click and drag mouse over image to pan around the room

Control
Room View

Computed Tomography Video
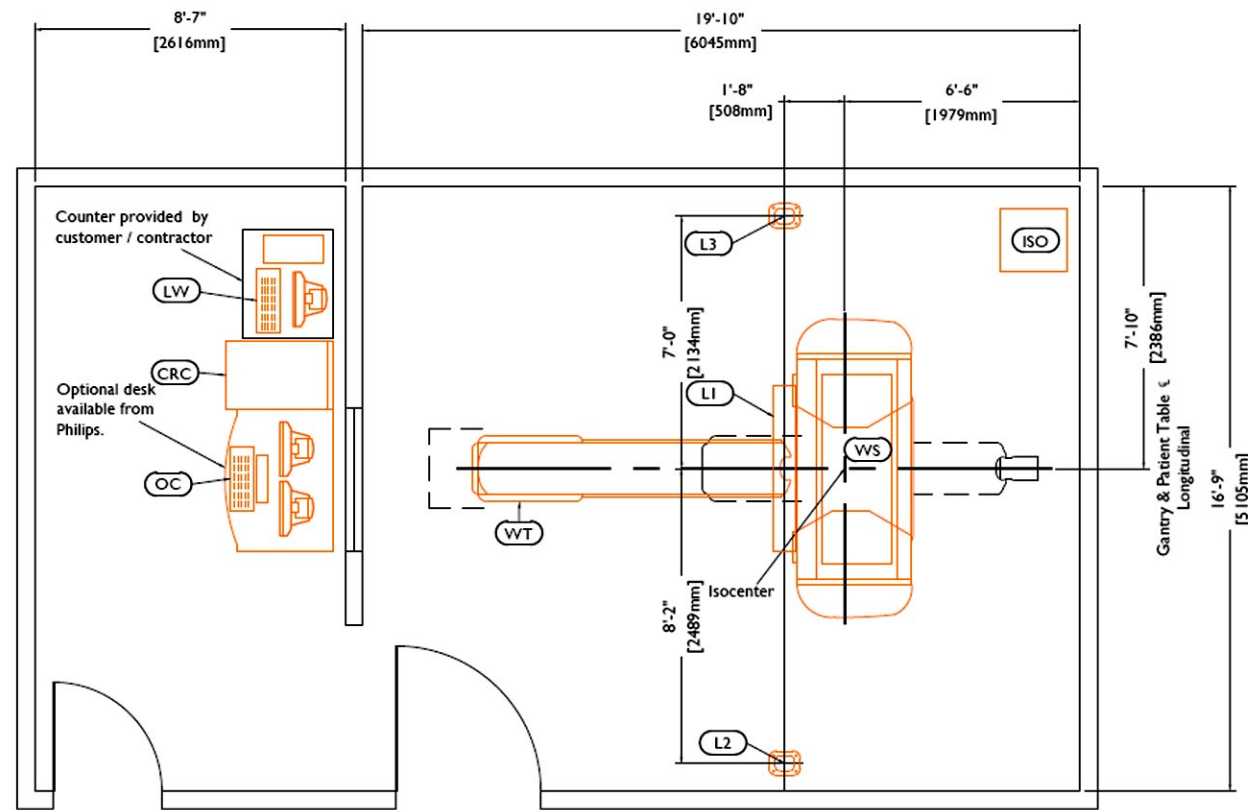
▶ Play   ■ Stop

Brilliance CT Big Bore

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Equipment Legend

A Furnished and installed by Philips
B Furnished by customer/contractor and installed by customer/contractor
C Installed by customer/contractor
D Furnished by Philips and installed by contractor
E Existing
F Future
G Optional item furnished by Philips

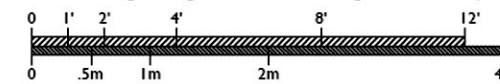|	Equipment Designation	Description	Weight lbs [kg]	Heat Load Btu/hr [W]
A	WS	Brilliance CT Scanner Gantry	4464 [2025]	18000 [5275]
A	WT	Patient Table	890 [404]	
A	OC	Operators Console (dual monitor)	45 [20]	3617 [1060]
A	CRC	CIRS Recon / COM Cabinet	331 [150]	
G	ISO	Teal MCT 100 / 480 Isotran Plus Power Unit	697 [316]	1950 [572]
G	L1	Sagittal Laser Positioning Light	57 [26]	82 [24]
G	L2	CT-4-3 Side Laser Positioning Light (column mtd.)	66 [30]	82 [24]
G	L3	CT-4-3 Side Laser Positioning Light (column mtd.)	66 [30]	82 [24]
G	LW	LAP Laser Computer	- [-]	- [-]

Equipment Layout

Recommended Ceiling Height: 9'-0" (2743mm)

Minimum Ceiling Height: 8'-0" (2440mm)

Minimum Ceiling Height w/ Laser Lights: 8'-6" (2591mm)

General System Requirements

Environmental

Operating temperature range within the CT Exam Room is 64°-75° F (18°-24° C) [ideal stable room temperature setting: 72° F(22° C)] at 35% to 70% relative humidity (non-condensing). Operating temperature change per hour throughout the CT Exam Room must not exceed 5° F (3° C).

Operating temperature range throughout the CT Suite is 59°-75° F (15°-24° C) [ideal stable room temperature setting: 72° F (22° C)] at 35% to 70% relative humidity (non-condensing). Operating temperature change per hour throughout the CT suite must not exceed 9° F (5° C).

The above conditions must be maintained at all times including overnight, weekends, and holidays. Heat output in one area of the CT Suite must not affect temperature and humidity in other areas. It is strongly recommended that any definable areas within the suite, i.e., equipment closets, control areas, etc. (if applicable), be individually environmentally controlled as required to meet the ambient ranges specified.

Power

Supply Configuration:
3 phase Delta, 4 wire power, (L1, L2, L3, PE) to Philips LM Isolation Transformer Power Unit

Supply Configuration:
3 phase, 3 wire power, Earth (with all other Philips approved power devices)

Nominal Line Voltage:
480 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz)

Branch Power Capacity:
112.5 kVA

Remote Service Diagnostics

Medical Imaging equipment to be installed by Philips is equipped with a service diagnostic feature which allows for remote and on-site service diagnostics. To establish this feature, a RJ45 type Ethernet 10/100/1000 Mbit network connector must be installed. Access to customer's network via their remote access server is needed for Remote Service Network (RSN) connectivity. All costs with this feature are the responsibility of the customer.

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