

**SKYTRON®** **INTERMOUNTAIN MEDICAL CENTER**

Specification for the SKYTRON products found within this information package are specifically designated for your facility. Please ensure that all of your custom specifications have been included. Deviating from the depicted specific equipment placement could cause equipment conflicts in the room and must be approved by a Skytron Representative.

Equipment References	Drawing Index #	Note that not all drawings will be required for each mount / drawings package	Drawing Package Revision Summary		
A (C-54993-2) B (C-54994-4)	00a	Room Layout - Contains overhead view of Skytron equipment	Rev #	Date/Quote	Description
	1	Elevation Details - Contains elevation view drawings on equipment	0	3-23-2020 Q-43634-1	New Submittal Package
	1.1	Mounting Structure Details - Contains mounting structure details of equipment	1	4-6-2020 Q-43634-3	Updated Layout
	2	Carrier Details - Contains front, left and right side views of equipment carriers detailing accessories and outlet placement	2	4-16-2020 Q-43634-5	New Fabrication Package
	3	Medical Gas Details - Contains medical gas details required for the riser plate installation	3	5-8-2020 Q-43634-6	Updated Layout Mount A Ceiling Clearance Updated
	4	Electrical Wiring Detail - Contains detailed wiring diagram and circuit requirements for equipment booms and lights	4		
	5	Communication Details - Contains a breakdown of required communications cabling and connections	5		
	6	Light Fixture Details - Contains details of light wiring for fixture mounts and back box details	6		
	S1a	Integration Elevation Details - Contains elevation drawings of the Integration system	7		
	S1b	Integration Mounting Details - Contains mounting details of the Integration system			

**PLEASE READ THE FOLLOWING CAREFULLY**

I have read the appropriate requirements from the Skytron Pre-Installation Guide for Ergon booms and consulted with the individual trades. I understand there are specific ceiling height, medical gas, electrical, video/communications and structural requirements that must be supplied by the appropriate trade representatives to support this project. Please be aware that modification to the site specific document could result in additional Change Order/Drawing Change fees. These fees take place after the second Submittal Revision or the first Fabrication Revision. Please speak with your Skytron Representative if you have any questions with regards to these fees. All final tie-ins of electrical connections, plumbing and media must be made by a qualified and licensed individual. Skytron does not provide final tie-in services due to local licensing regulations. Finish work (e.g., caulking and trim) is the responsibility of others. Installation of standard product moldings or trim is included in the pricing provided.

**EACH DRAWING MUST BE INITIALED AND DATED**

Accepted - as is       Accepted - with changes       Rejected

Accepted by: \_\_\_\_\_ (print)  
Accepted by: \_\_\_\_\_ (signature)      Date: \_\_\_\_\_  
Requested Delivery Date \_\_\_\_\_      P.O. #: \_\_\_\_\_

CB08-05-2020 RR11-05-2020

**SKYTRON®** **INTERMOUNTAIN MEDICAL CENTER**

**\*SITE SPECIFIC LAYOUT\***

IN THE EVENT THAT FIXTURE LOCATIONS NEED TO CHANGE PLEASE CHECK WITH SKYTRON ON THE REVISED LAYOUT LOCATION. FINAL CONSTRUCTION DOCUMENTS SHOULD BE PROVIDED BY THE ARCHITECT. DIMENSION PROVIDED FROM WALLS ARE BASED ON CURRENT INFORMATION PROVIDED TO SKYTRON AT TIME OF DOCUMENT CREATION.

**EQUIPMENT SCHEDULE**

ID	DESCRIPTION
A	LIGHT
B	LARGE DISPLAY

\* IF SKYVISION IS APPLICABLE REFER TO THE LAST PORTION OF BOOM PACKAGE \*

INITIAL: \_\_\_\_\_  
DATE: \_\_\_\_\_

PROJECT # 20-101  
FABRICATION PLOT DATE: 5/12/2020  
ROOM TYPE: CATH LAB  
REV. # 1  
DESCRIPTION: ROOM LAYOUT  
SHEET 00a  
RR11-05-2020

**SKYTRON®** **INTERMOUNTAIN MEDICAL CENTER**

**\*SITE SPECIFIC ELEVATION DETAILS\***

PLEASE REFER TO MOUNTING STRUCTURE DETAIL PAGE FOR MOUNTING STRUCTURE EXAMPLE

107" CEILING HEIGHT

0" FLOOR

REFER TO AUA5 DATA SHEET FOR SURGICAL LIGHT SPECIFICATIONS

CAUTION LOW HEAD CLEARANCE INITIAL BELOW REQUIRED

INITIAL: \_\_\_\_\_

MAX. FIXTURE WEIGHT BASED ON COMPARABLE MODEL: 251 LBS.  
MAX. MOMENT LOAD BASED ON COMPARABLE MODEL: 612 FT. LBS.  
EQUIPMENT CAPACITY: N/A      SCALE: 3/4" = 1'

PROJECT # 20-101  
FABRICATION PLOT DATE: 5/8/2020  
INTERMOUNTAIN MEDICAL CENTER  
REV. # 1  
DESCRIPTION: ELEVATION DETAILS  
SHEET A1.1  
RR11-05-2020

**SKYTRON®** **INTERMOUNTAIN MEDICAL CENTER**

**\*TYPICAL EXTENDED HUB MOUNTING STRUCTURE DETAILS\***

\*ALWAYS CONSULT SPECIFIC STRUCTURAL CRITERIA DEFINED BY A STRUCTURAL ENGINEER\*

**STRUCTURAL REQUIREMENTS - Architect and Structural Engineer**

**Notes**

- 7/8" support rods located for total support of light, all labor and materials for fabrication supplied by General Contractor. 7/8" nuts and washers for support of SKYTRON fixture supplied by contractor (8 ea. required).
- The mounting structure must be attached to the structural ceiling and BRACED TO ALLOW NO TWISTING OR LATERAL MOTION and shall be designed not to provide a degree of deflection greater than two-lengths of a degree at the mounting plate or the fixture mounting hub.
- All arm fixture installations require the mounting structure to be tested and comply with SKYTRON test jig requirements.
- 3/4" metal conduit and minimum 12AWG wire size (3 wires per lighthead plus fixture ground wire) required between fixture and SKYTRON supplied wall control. All metal conduit, wiring and other electrical materials as well as installation labor for the SKYTRON surgical light to be provided by Electrical Contractor. All installations of SKYTRON surgical lights should be under the direct supervision of a SKYTRON representative. All wiring to be in accordance with local codes and by a certified electrician. Installation requiring power modules for flat screen application require a NEMA 4 enclosure provided by others.
- Video cable for monitor routed through arm at installation to be provided by customer. Approximately 15 feet of cable is required from mounting hub to monitor.
- Optional camera ready systems require a 1 1/4" diameter conduit from the fixture junction box to the camera control connector junction box. 65 camera control cable with faceplate and connector supplied by SKYTRON. Conduit and 2" x 4" junction box supplied by General or Electrical Contractor.
- CONTRACTOR HAS FINAL RESPONSIBILITY for the strength and stability of the mounting structure.

This is a GENERAL GUIDELINE ONLY.

**TOP VIEW MOUNTING HUB DETAIL**

**STRUCTURAL CEILING STRUCTURAL CEILING**

**NOTES:**

- This illustration depicts a generic mounting structure design and its components. Always consult specific structural criteria defined by a structural engineer.
- Do not cover or block any holes with sway bracing, gussets, weld, weld slag or etc.
- Typical dimensions shown. Refer to specific structural drawings and/or Seismic drawings for each application.

INITIAL: \_\_\_\_\_  
DATE: \_\_\_\_\_

PROJECT # 20-101  
FABRICATION PLOT DATE: 5/8/2020  
INTERMOUNTAIN MEDICAL CENTER  
REV. # 1  
DESCRIPTION: ELEVATION DETAILS  
SHEET A1.1  
RR11-05-2020

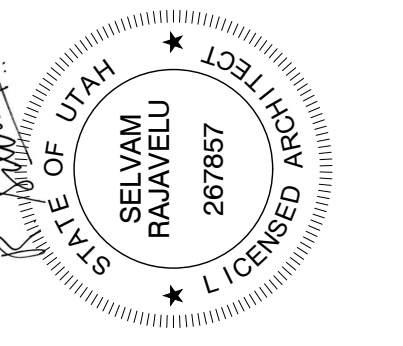
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Intermountain Healthcare  
IMC- Cath Lab 2 Remodel Project

NJRA Project # 19205.00  
Construction Documents July 15, 2020

5121 South Cottonwood Street  
Murray, UT 84107

Skytron Equipment



**SKYTRON** THIS DIAGRAM IS FOR INFORMATIONAL PURPOSES ONLY. THIS WILL NOT MATCH YOUR EXACT MODEL.

**WALL CONTROL REQUIREMENTS**

3/4" metal conduit and minimum 12AWG wire (3 wires per lighthouse plus fixture ground) is required between wall control and fixture. Flexible conduit should extend 18" below finished ceiling.

Separate dedicated conduit required for 100-240VAC supply lines to wall control. All wiring to be in accordance with local, state and national electrical codes.

Room placement of the wall control will vary by application. Always follow current standards from the NFPA (National Fire Protection Agency), NEC (National Electrical Code) and IEC (International Electrotechnical Commission) for proper compliance.

The selection of anchorage fasteners shall be determined by the engineer of record and will vary by application. The selected fasteners must not interfere with wall control components. Seismic applications require the use of approved fasteners.

**WALL CONTROL WEIGHT**  
SINGLE - 25lbs  
DUAL/TRIPLE - 30lbs

**SPECIAL GROUNDING REQUIREMENTS - Electrical Engineer**

- Use of approved metal conduit shall be employed throughout the fixture's wiring circuit where applicable. - Flexible conduit to extend 18" (457mm) below finished ceiling. Facility supplied, circuit breaker protected, 100-240VAC 50/60 Hz power source wiring.
- Grounding - Proper performance and safety of this fixture can only be achieved by an adequate grounding system. Fixture ground must be a dedicated ground point ultimately bonded to the facilities grounding system to prevent the migration of electrical interference generated by other devices.

**Protective Means - To avoid the risk of electric shock, this equipment must only be connected to a supply mains with protective earth ground.** This fixture requires a properly circuit protected, appropriately sized, dedicated circuit. An isolated power supply circuit must be protected by an appropriately sized double pole, single throw circuit breaker

- Fail Safe Compliance - In order for dual or triple lighthouse systems to maintain fail safe compliance, a battery back up (UPS) or generator back up power system must be provided in the mains wiring prior to the wall control which will restore power in five (5) seconds or less.
- Mounting and anchorage; please refer to the Aurora 4r Installation Manual for mounting requirements. Seismic applications will differ in construction requirements. Please request seismic calculations and mounting requirements from your SKYTRON representative.

INITIAL: \_\_\_\_\_ DATE: \_\_\_\_\_

PROJECT # 20-101 FABRICATION PLOT DATE: 8/8/2020  
INTERMOUNTAIN MEDICAL CENTER  
REV # 0  
DESCRIPTION: LIGHT FIXTURE DETAILS  
SHEET A6

MDL: ALIASH-1500 QTY: 1  
REV # 0  
DESCRIPTION: WALL CONTROL DETAILS  
SHEET A6.1

CB08-05-2020 RR11-05-2020

**SKYTRON** GENERIC WALL CONTROL MOUNTING DETAILS

**RECESSED MOUNT**

**SURFACE MOUNT**

**OPTIONAL BACK-BOX INSTALLATION**

100-240 VAC INPUT  
30 VDC OUTPUT  
3/4" (19mm) CONDUIT  
SINGLE/DUAL/ TRIPLE BACK BOX  
8.75" W x 12.75" H x 4.75" (219mm W x 324mm H x 119mm D)  
TRIPLE BACK BOX  
10.75" W x 14.75" H x 4.75" (273mm W x 375mm H x 119mm D)

RECESSED MOUNT FLANGE COVERAGE  
SINGLE/DUAL: 11.75" W x 4" H (298mm W x 102mm H)  
TRIPLE: 13.75" W x 17.75" H (349mm W x 450mm H)

CONTROL BOX WITH RECESSED MOUNT FLANGE INSTALLED

\*CONDUIT AND MOUNTING HARDWARE PROVIDED BY OTHER BASED ON APPLICATION

NOTE: FRONT EDGE OF BACK-BOX MUST BE FLUSH WITH FINISHED WALL SURFACE

**DIMENSIONS**

	SINGLE/DUAL	TRIPLE
A	8-5/8" (220mm)	10-5/8" (270mm)
B	4" (100mm)	4" (100mm)
C	10-5/8" (270mm)	14" (355mm)
D	9-7/8" (250mm)	8-5/8" (220mm)
E	7-5/8" (195mm)	11" (280mm)
F	6" (153mm)	8-3/8" (162mm)
G	10" (255mm)	13-1/2" (343mm)
H	7-7/8" (200mm)	10" (253mm)
I	11-3/4" (298mm)	13-3/4" (348mm)
J	13-7/8" (353mm)	17-1/4" (438mm)
K	12-3/8" (315mm)	15-3/4" (400mm)
L	10-1/4" (260mm)	12-1/4" (310mm)

INITIAL: \_\_\_\_\_ DATE: \_\_\_\_\_

PROJECT # 20-101 FABRICATION PLOT DATE: 8/8/2020  
INTERMOUNTAIN MEDICAL CENTER  
REV # 0  
DESCRIPTION: WALL CONTROL DETAILS  
SHEET A6.1

MDL: ALIASH-1500 QTY: 1  
REV # 0  
DESCRIPTION: WALL CONTROL DETAILS  
SHEET A6.1

CB08-05-2020 RR11-05-2020

**SKYTRON** \*SITE SPECIFIC ELEVATION DETAILS\*

PLEASE REFER TO MOUNTING STRUCTURE DETAIL PAGE FOR MOUNTING STRUCTURE EXAMPLE

107" CEILING HEIGHT

61" 36" H

11"

10"

31 1/2" 326 H

72"

51 1/2"

SUPPORTS UP TO (4) 26" DISPLAYS OR (1) 60" DISPLAY

REQUIRED

Weight of Monitors & Accessories: 119 lbs.

0" FLOOR

MAX. FIXTURE WEIGHT: 657 LBS. MAX. MOMENT LOAD: 3968 FT. LBS. EQUIPMENT CAPACITY: 3FLX60 - 196 LBS. SCALE: 3/4" = 1"

INITIAL: \_\_\_\_\_ DATE: \_\_\_\_\_

PROJECT # 20-101 FABRICATION PLOT DATE: 4/16/2020  
INTERMOUNTAIN MEDICAL CENTER  
REV # 0  
DESCRIPTION: ELEVATION DETAILS  
SHEET B1

MDL: 300 SERIES QTY: 1  
REV # 0  
DESCRIPTION: ELEVATION DETAILS  
SHEET B1.1

CB16-04-2020 RR17-04-2020

**SKYTRON** \*TYPICAL ROOM MOUNTING STRUCTURE DETAILS\*

\*ALWAYS CONSULT SPECIFIC STRUCTURAL CRITERIA DEFINED BY A STRUCTURAL ENGINEER\*

STRUCTURAL CONCRETE SLAB  
NORMAL WEIGHT  
f<sub>c</sub> = 3,000 PSI (20,684 KPa)

STRUCTURAL CEILING

SWAY BRACING  
2" x 2" x 1/4" (4)

TYP. 1/4" TOP & BOTTOM

STRUCTURAL CEILING PLATE  
17" DIA x 1"

EXPANSION ANCHORS  
HLT1 KB-H (CB0 4627)  
CARBON STEEL

12" MIN. / 60" MAX.

REFER TO JOB SPECIFIC ELEVATION PAGE (0411)

ACCESS DOOR  
24" x 24" (REQUIRED)

DIAMETER OPENING  
20" (REQUIRED)  
(CENTERED UNDER MOUNT)

FINISHED CEILING

**NOTES:**

- This illustration depicts recommended mounting structure design and its components. Always consult specific structural criteria defined by a structural engineer.
- Do not cover or block any holes with sway bracing, gussets, weld or weld slag.
- Typical dimensions shown. Refer to specific structural drawings and/or Seismic drawings for each application.
- \*Critical Dimension

**STRUCTURAL REQUIREMENTS - Architect and Structural Engineer**

**Mounting Structure Components**

The fabrication of each mounting structure may be slightly different but they each require the same basic components to ensure stability.

**Sway Bracing (by others)**

Sway bracing is designed to rigidly affix the mounting plate to the structural ceiling. The primary purpose of sway bracing is to eliminate sway, or lateral twisting and flexing of the mounting structure as it "reaches" to dynamic load changes caused by moving the fixture radial arms. The sway bracing should be welded to the mounting plate and extend away from the center of the mount. A minimum of four sway braces placed 90° apart and positioned at a 45° and 60° angle is recommended.

Minimum recommended material for sway bracing is 3" x 3" x 1/4" angle iron. It is recommended that in all applications the sway bracing be fastened to the structural ceiling.

**Structural Ceiling Plate (by others)**

The structural ceiling plate rigidly attaches the mount to the structural ceiling using structural anchors appropriate for the ceiling construction. The structural ceiling plate should be a minimum of, 1" ASTM A36 steel plate, 17" diameter with (6) 5/8" diameter holes for structural anchors and is fabricated by others.

**Expansion Anchors (by others)**

Test 50% of the anchors at 2,000 pounds (907 kg) tension, or 50 ft. lb. (68 N•m) torque per CBC 1525A.3.5. Installed anchors must meet the following criteria:

- Hydraulic Ram Method: The anchor should have no observable movement at the applicable test load. For wedge and sleeve type anchors, a practical way to determine observable movement is that the washer under the nut becomes loose.
- Torque Wrench Method (Wedge or Sleeve Type): The applicable test torque must be reached within one-half (1/2) turn of the nut. Testing should occur no sooner than 24 hours after installation of anchors. If any anchor fails testing, test all anchors until 20 consecutive anchors pass, then resume the initial testing frequency. Test equipment is to be calibrated by an approved testing laboratory in accordance with standard recognized procedures.

**Support Tube (by others)**

The support tube required to attach the mounting plate to the structural ceiling plate should be ASTM 500 Grade B, 6" diameter tube. Support tube is to be welded to structural ceiling plate and mounting plate. A minimum of 6 gussets placed 60° apart should be welded to support tube at the structural ceiling plate and the mounting plate.

**Mounting Plate (SKYTRON supplied)**

The 17.5" x 17.5" x 1" ASTM A36 steel mounting plate is a SKYTRON supplied item. The support tube and sway bracing are welded to the mounting plate. The mounting plate contains the corresponding bolt pattern for attaching the fixture and provides the mounting areas for the junction box and gas riser plates.

**Mounting Structure Design**

Seismic structural applications differ. Please contact your local SKYTRON representative for specific calculations. The mounting structure must be designed and fabricated to position the bottom of the SKYTRON mounting plate as shown on site specific elevation page. This is a critical dimension in order to accommodate proper clearance required for ceiling cover function. The mounting plate must be perfectly level (+/- 0.1") and allow no more than two-tenths of a degree (0.2°) of rotation at the mounting plate when the specified load is applied. The mounting structure must be tested for strength and stiffness prior to installation of the fixture. Please contact your SKYTRON representative to schedule testing.

Please consult your SKYTRON representative during early stages of construction to facilitate this process. The testing process is a required, documented function prior to closing of the finished ceiling.

**Ceiling Requirements**

A 24" x 24" access door must be mounted adjacent to the mounting structure for entry by service personnel for service access.

SKYTRON provides a 24" ceiling cover designed to cover 20" diameter ceiling hole cutout.

**Additional Items (SKYTRON supplied)**

In addition to the pre-installation kit, SKYTRON provides the following items:

- (6) 1-1/4" x 10" threaded rods, (24) 1-1/4" hex nuts, pump enclosure (if applicable)

INITIAL: \_\_\_\_\_ DATE: \_\_\_\_\_

PROJECT # 20-101 FABRICATION PLOT DATE: 4/16/2020  
INTERMOUNTAIN MEDICAL CENTER  
REV # 0  
DESCRIPTION: ELEVATION DETAILS  
SHEET B1.1

MDL: 300 SERIES QTY: 1  
REV # 0  
DESCRIPTION: ELEVATION DETAILS  
SHEET B1.1

CB16-04-2020 RR17-04-2020

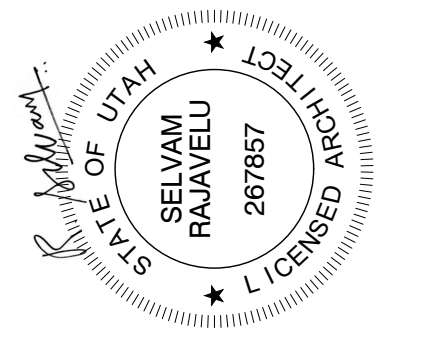
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Intermountain Healthcare  
IMC- Cath Lab 2 Remodel Project

5121 South Cottonwood Street  
Murray, UT 84107

NJRA Project # 19205.00  
Construction Documents July 15, 2020

Skytron Equipment



**\*SITE SPECIFIC CARRIER DETAILS\***

**ACCESSORY LIST**

(1) PF60-BUD - NOT SHOWN

PROJECT #: 20-101  
FABRICATION PLOT DATE: 4/16/2020

INTERMOUNTAIN MEDICAL CENTER

\*COMMUNICATIONS CAN ONLY BE ADDED ABOVE THE SEPARATOR PLATE

INITIAL: \_\_\_\_\_  
DATE: \_\_\_\_\_

CARRIER DIMENSIONS: 46"H x 61"W x 16"D

GAS OUTLETS: N/A

ELECTRICAL: (4) 125V, 20A DUPLEX - RED

MDL: 300 SERIES  
QTY: 1

REV #: 0  
DESCRIPTION: CARRIER DETAILS

SHEET **B2**

CB16-04-2020 RR17-04-2020

**\*SITE SPECIFIC WIRING DETAILS\***

INTERNAL FIXTURE WIRING TYPICAL EXTRA FLEX STEEL CONDUIT  
TYPE: 12AWG, 600V, XHHW-2, 90°C - UNLESS NOTED

PROJECT #: 20-101  
FABRICATION PLOT DATE: 4/16/2020

INTERMOUNTAIN MEDICAL CENTER

**ELECTRICAL REQUIREMENTS - Electrical Engineer**

Each boom fixture is fabricated in accordance to the specifications required by the customer. The Configuration drawings supplied by SKYTRON will indicate the type and quantity of circuits required. SKYTRON provides all wiring and electrical materials for connection from fixture to junction box or pump enclosure (if applicable). SKYTRON supplies an electrical junction box (8-5/8" x 4-5/8" x 1-3/4") to facilitate field wiring for up to six circuits that is mounted on the mounting plate in the correct position and if applicable, a hydraulic pump enclosure/junction box (15" x 8" W x 12"H) that is to be remote mounted within 24" of the mounting structure (by contractor). The pump enclosure can be shipped with the installation kit upon request. Typical wire type is 12AWG, 600V, XHHW-2. Each circuit requires a separate, properly circuit protected, 120VAC, 60Hz power supply line enclosed in rigid metal conduit. All electrical materials for connection to SKYTRON supplied junction box or pump enclosure and installation labor for such materials to be provided by customer. All wiring and materials to be in accordance with federal, state and local codes. It is the customer's responsibility to meet conformity to NFPA and NEC standards with respect to the color, type and number of receptacles provided in a patient care area. (e.g. Color - red/white, Amperage - 15 or 20, dedicated circuits, tamper resistant, LED, GFCI)

Specific conductor colors and/or wiring for isolated applications are available upon request.

**GENERIC BOOM ELECTRICAL WIRING DIAGRAM FOR FIXED ARMS**

INITIAL: \_\_\_\_\_  
DATE: \_\_\_\_\_

REQUIRED FOR FABRICATION  
VERIFY AND INITIAL  
POWER TYPE

ISOLATED POWER  
BROWN W/YELLOW STRIPE, ORANGE W/BLUE STRIPE  
GREEN W/YELLOW STRIPE  
INITIAL: **X**

NON-ISOLATED POWER  
BLACK, WHITE, GREEN  
INITIAL: \_\_\_\_\_

MDL: 300 SERIES  
QTY: 1

REV #: 0  
DESCRIPTION: ELECTRICAL WIRING DETAILS

SHEET **B4**

CB16-04-2020 RR17-04-2020

**MOUNTING STRUCTURE TEST JIG**

PROJECT #: 20-101  
FABRICATION PLOT DATE: 4/16/2020

INTERMOUNTAIN MEDICAL CENTER

SERIES NUMBER	fixture weight	moment load	* test weight
100	216 lbs	1011 ft lbs	100 lbs
110	499 lbs	2207 ft lbs	200 lbs
120	657 lbs	3213 ft lbs	300 lbs
200	597 lbs	2310 ft lbs	200 lbs
300	657 lbs	3966 ft lbs	400 lbs
310	877 lbs	4758 ft lbs	500 lbs
320	1029 lbs	5754 ft lbs	600 lbs
330	1257 lbs	6934 ft lbs	600 lbs
COLUMN (ALL)	145 lbs	650 ft lbs	N/A
(ALL) LFSLFS	N/A	N/A	200 lbs
(ALL) EXTENDED LIGHT ARMS	N/A	N/A	300 lbs

Refer to project specific drawings for exact weight capacity

The Skytron weight and moment load simulator is a device which simulates the weight and moment load on an actual ceiling mounted articulating fixture in order to test the weight bearing capacity and performance of the Ergon 3 mounting structure.

Skytron recommends using a 600 lb (272 kg) maximum load simulator to test all mounting structure systems for maximum load and weight capacity.

Load simulation is an essential part of readiness assessment and provides reassurance the mounting structure can accept larger more complex articulating systems if the need arises for equipment changes or future expansion.

In the event that the mounting structure system cannot deliver performance for the maximum load(600lbs), the weight matrix provided above provides lesser fixture weight and moment load as a means to ensure that the minimum criteria is met.

WARNING  
Testing the weight and moment load on Ergon 3 can only be performed by a authorized Skytron distributor ONLY.

WARNING  
Because testing the weight and moment load of Ergon 3 is hazardous work it is important to use proper Personal Protection Equipment (PPE) and adhere to OSHA (Occupational Safety and Health Administration) for materials handling and storage for the safe equipment used in hoists and with slings.

INITIAL: \_\_\_\_\_  
DATE: \_\_\_\_\_

TESTING - MOUNTING STRUCTURE

Each mounting structure must be tested by a Skytron representative to verify that there is no more than two-tenths of a degree of rotational movement at the mounting plate prior to installing a fixture. A mounting structure test jig is available from a Skytron representative to facilitate this process. The mounting structure test jig is a fixture which simulates the weights and moment loads created by a Skytron fixture. It consists of a hub assembly, an upper and lower radial arm, a chain fall, weight support tube and six 100 lb. weights (refer to illustration).

The drawing package and the test jig instructions are required to perform an accurate test.

The test jig instructions include the load simulator weight chart, the test jig report form and complete instructions for performing the test.

SHEET **B2**

7/2/2020 1:43:54 PM - Z:\300\HCO\2020\00\_HCO - IMC CATH LAB #2\2\02\_BIM - REVIT & AUTOCAD\02\_AUTOCAD\DWGS\EQ 111\_SKYTRON EQUIPMENT.DWG

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