Technical Data

Fixture Weight: 64 kg
Moment Load: 885 N·m
Minimum Ceiling Height: 2531mm
Maximum Ceiling Height: 3151mm
Electrical: 100-240VAC, 95-175VA, 50/60 Hz, 1 phase
Max Intensity at 1 meter (lux):   @4100K = 160,000
                                                  @4500K = 146,000
CRI: @4100K = 95 @4500K = 95
Color Temperature: @4100K @4500K
Total Irradiance (watts/m^2):   @4100K = 523.6
                                                  @4500K = 483.7
R9: @4100K = 89 @4500K = 97

Model AUA7

Architectural Specification

The Aurora Four surgical lighting system consists of a ceiling mounted single radial arm system with a 30″ (762mm) diameter lighthead. Continuous 360° rotation is provided at all fixture rotation points.

Standard lighthead is equipped with a sterilizable center handle that allows surgeon control of lighthead positioning, focus and intensity. A focus knob and positioning handles are provided on the side of the lighthead for non-sterile control.
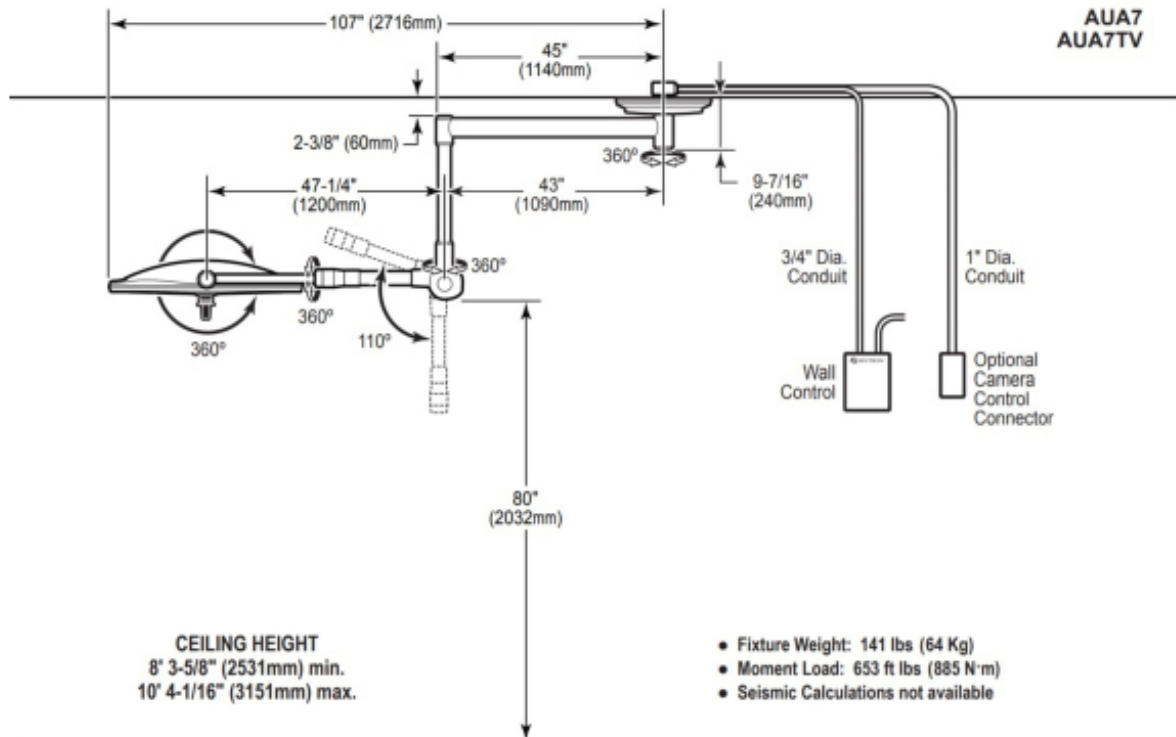
The 30″ (762mm) lighthead contains 7 focusable LED pods. Each focusable pod contains 7 individual LEDs with VSRD reflector technology. Lighthead also contains 12 fixed focus center mounted LEDs. Total system output is 160,000 lux at a color temperature of 4,100K. LED life expectancy is 40,000 hours.

SKYTRON Aurora Four series, model AUA7 or AUA7TV.

Product Elevation View

AUA7
AUA7TV

107" (2716mm)
45" (1140mm)
2-3/8" (60mm)
360°
47-1/4" (1200mm)
43" (1090mm)
9-7/16" (240mm)
360°
360°
110°
360°
80" (2032mm)

3/4" Dia. Conduit
1" Dia. Conduit

Wall Control
Optional Camera Control Connector

CEILING HEIGHT
8' 3-5/8" (2531mm) min.
10' 4-1/16" (3151mm) max.

- Fixture Weight: 141 lbs (64 Kg)
- Moment Load: 653 ft lbs (885 N·m)
- Seismic Calculations not available

Mounting

Wall Control
– Required, Priced Separately –

6"
4"
11-3/4"
7-7/8"
10"
13-7/8"

(Not to Scale)

SIDE VIEW   BACK VIEW
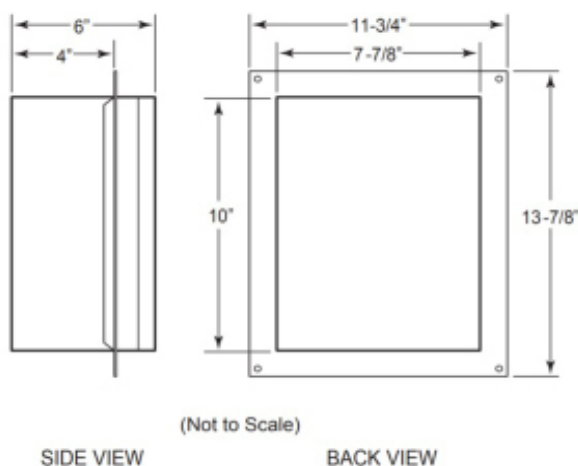
Typical Mounting Structure
– Provided by Others –

Structural Ceiling
45°   45°
(4) 2" x 2" Angle Sway Bracing
12" x 12" x 3/8" Stiffener Plate
3/4" All Thread Rod
3/4" Metal Flex Conduit
6" Max/4" Min
Finished Ceiling
Fixture Junction Box
2-1/8"
1-1/16"
15" dia. Mounting Plate (SKYTRON Supplied)
16-1/2" dia. Access Hole
20-1/2" dia. Ceiling Cover (SKYTRON Supplied)
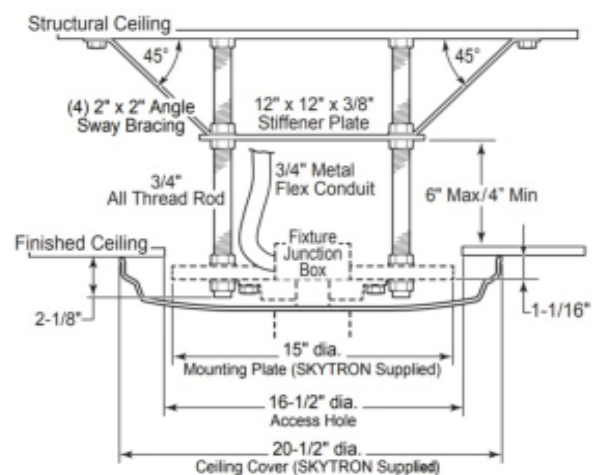
Refer to Installation Instructions for specific mounting structure guidelines, wiring and wall control installation details.