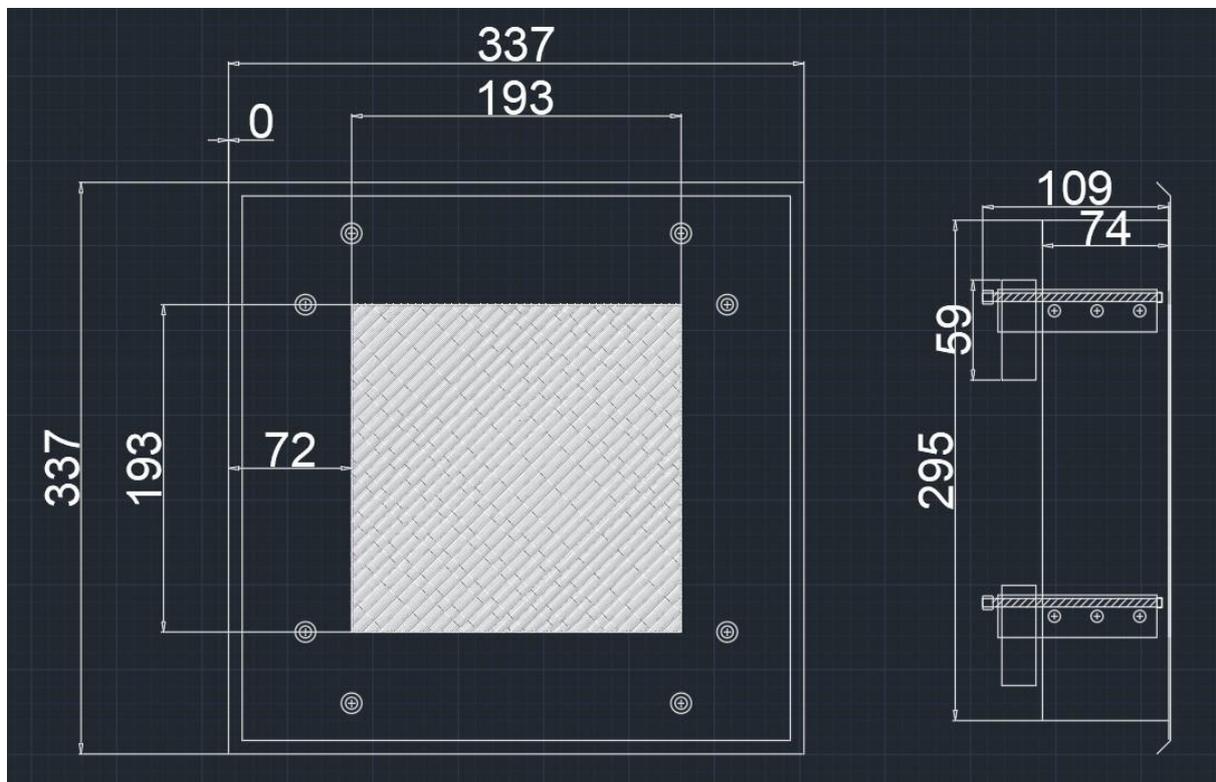




Technical Specifications of Anant Cleanroom Lights



Ceiling Cutout Size: 300x300 MM

Features :

Epoxy white powder coated finish for better aesthetics.

CRCA powder coated housing with inbuilt control gear.

Bottom Opening type provided for easy maintenance.

Opal diffuser fixed with CRCA powder coated pressure plates for better ingress protection and uniform glare free lights.

Applications :

Pharmaceutical Units, Food & Beverages & Healthcare sectors etc.

| MECHANICAL SPECIFICATIONS | | |
|----------------------------------|--------------------|--|
| 1 | Housing & Frame | CRCA Powder Coated / Bottom SS 304 |
| 2 | Opening | 8 Bottom SS Screws / Screwless Push Pull |
| 3 | Light Diffuser | Non-Yellowing Acrylic Opal Diffuser |
| 4 | Gasket | XLPE |
| 5 | Control Gear | Integral/ Constant Current Driver |
| 6 | Ingress Protection | IP 65 from Bottom |
| 7 | Impact Resistance | IK 03 |
| LED SPECIFICATIONS | | |
| 8 | LED Make | Bridgelux, USA |

| | | |
|----------------------------------|---------------------------------|---|
| 9 | CCT | 6500K / Monochromatic – 575nm / Dual |
| 10 | CRI | 80+ Ra |
| 11 | Luminaire Operation Temperature | -20 to +50 deg, TC 75%. |
| 12 | LED Efficacy | 160 lm/W |
| 13 | System Efficacy | 120 lm/W |
| ELECTRICAL SPECIFICATIONS | | |
| 14 | Rated Voltage and Frequency | 230 VAC / 50 Hz |
| 15 | Safe Operating Voltage Range | 130 VAC – 305 VAC |
| 16 | Input Wattage Options | 18W/24W/30W Watt |
| 17 | Maximum Input Current | 0.078 A / 0.104 A / 0.130 A |
| 18 | Power Factor | >= 0.95 |
| 19 | THD @ 230 VAC | <=15% |
| 20 | Protection | Reverse Polarity, Short circuit, Over load, over voltage and thermal Protection |
| 21 | Surge Protection | 4000 V Peak Surge Protected |
| 22 | Humidity Range | 10% to 90% RH |
| 23 | Short Time Voltage Protection | 440 VAC for 8 hours |