





Category: Lights

Product 1: Arc

Composition:

- Base : Plywood
- Core : Acoustic Foam (Polyurethane)
- Finish : Fabrics
- Applications : Ceiling Mounted
- Accessories : Clutch Wire Systems

Patterns & Dimensions:

- Standard: 2400 x 800 x 200 mm (L x W x H)

Note: Arc Light length is divided in 3 parts and can be increased in 800 mm increments (e.g., 3200, 4000, 4800 mm).

Light Technicals:

- Life Span : 50000 hours
- Diffuser : PMMA
- UGR : <19
- Voltage : 220-240 V
- CRI : 80/90
- CCT : 3000K, 4000K, 6000K
- Performance (LED) : Based on 4000K
- L-2365mm : 48W / 5760 lm, 60W / 7200 lm, 72W / 8640 lm

Performance:

1. Fire Resistance:

1. Plywood

- **IS 5509:2000 (with Amendments)** | Time for second ignition: >30 minutes | Conforms to Indian fire-resistance standards for interior plywood

2. Acoustic Foam (polyurethane)

- **CA TB 117-2013 Section III** | Flammability of resilient fire materials - Pass | Flame retardant in upholstered Furniture – Pass
- **BS 5852: Part 2. 1982** | Flammability Test: Pass



TECHNICAL DATA SHEET

3. Fabrics

- Category A+
- **BS 5852 Part 1: 1979 Ignition Source 0 & 1** | Details: Cigarette Test & Match Test | Result: PASS on both tests | Test Number: 423681

- Category A
- **BS 5852 Part1: 1979 Ignition Source 0 & 1** | Details: Cigarette Test & Match Test | Result: PASS on both tests | Test Number: 187662

- Category B
- **AS/NZS 1530.3:1999** | Details: Simultaneous test for Ignitability, Flame Propagation, Heat Release & Smoke Release | Result: Passed | Test Number: 19-001329

Sustainability:

- **Certifications & Compliance:**
 - LEED v4: Supports EQ Credit (Low-Emitting Materials)
 - Certified Low VOC materials
 - EPD & HPD certified
 - Declare Label compliant
 - USGBC LEED compliant