

1	Incandescence	1
1.1	Installations: Technical Apparatus and Aesthetic Continuities (Frankfurt 1891)	2
1.2	Legitimations: Interests of Directors, Industry and Monarchy (Munich 1883)	11
1.3	Sensualities: The Meaning of Light Colors and Chandeliers (Paris 1881)	19
1.4	Purifications: Oxygen Consumption and Nervous Disorders (London 1881)	25
1.5	Combustions: Catastrophe Simulations and Safety Measures (Vienna 1881)	34
2	Oxidation	41
2.1	Gas Burners: Lamps and Street Lighting (1817/1818)	42
2.2	Reflectors: Chemical Reactions and Enlightened Light (1781–1784) .	50
2.3	Foot Ramps: Natural Figures and Unnatural Light Sources (1757) .	55
2.4	Showcases: Optical Techniques and Artistic Light Changes (1760–1822)	61
2.5	Pyrotechnics: Color Plays and Fatigue Phenomena.	70
3	Regulators	77
3.1	Expectations of Salvation: Festivals of Incandescence (Wagner) . .	78
3.2	Power Transmission: Vertical Integration and Avant-Garde (Appia) ..	86
3.3	Parallel Circuits: Dividing the Light and Controlling the Current. .	97
3.4	Switching Operations: Button Pressing and Weather Lighting (Benjamin)	108
4	Fabrication	117
4.1	Engineering Knowledge: Stage Engineering and Industrial Operations	118
4.2	Transport Systems: Patent Stages and Image Changes	129
4.3	Projection Surfaces: Cloud Apparatuses and Broadening Horizons (Fortuny)	135
4.4	Soul Vibrations: Stage Walls and Cloud Apparatuses	142
4.5	Atmospheric Arts: Rotation and Elfin Forest (Reinhardt)	147

5	Attractions	155
5.1	Rollercoasters: Power Transmission and Amusement Parks (Frankfurt 1891).	156
5.2	Water Forces: Fountains and Rays of Light (Frankfurt 1891).	165
5.3	Arts and Crafts: Upholstery and Total Works of Art (Munich 1882 and Frankfurt 1891)	170
5.4	Festivals of Light: Enlightenment and Orientalism (London 1851–Paris 1900).	179
5.5	Dynamos: Epiphany and Energy (Paris 1900).	186
6	Industrial Ballets	193
6.1	Newspaper Reports: Poetry and Technology	194
6.2	Twilight of the Gods: Electrical Engineering and the Process of Civilization.	197
6.3	Dances of Progress: Culture Industry and Colonialism.	202
6.4	Luminous Jewels: Féerie and Industry.	210
6.5	Luminoclasts: Machismo and Avant-Garde.	218
7	Luminous Bodies	223
7.1	Allegories: Trademarks and Women's Bodies	224
7.2	Dispositives: Bodies on Display and Unidirectional Glances	237
7.3	Specialties: Attraction and Scandal	242
7.4	Salomania: Exoticism and Projection	249
7.5	Maenads: Classical Philology and Psychoanalysis	260
8	Projection Arts	267
8.1	Serpentines: Belly Dances and Light Shows	268
8.2	Textiles: Fabric Webs and Whitewashing	273
8.3	Motors: Patented Art and Extensions of the Body	277
8.4	Effects: Spotlights and Ghostly Apparitions	280
8.5	Cinema: Serpentine and Images of Movement	293
9	Conclusion: Aesthetics of Electricity	297
9.1	Industrial Culture	299
9.2	Alienation Effects (Brecht)	305