

**SPEIRS
MAJOR**

Geneva Airport, Aile Est,
Switzerland

**LIGHT
ARCHITECTURE**

8 Shepherdess Walk
London,
N1 7LB
United Kingdom

T +44 (0)20 7067 4700

Co-lab Shibuya Cast
23-21, Shibuya 1-Chome
Tokyo 150-0002
Japan

T +81 (0)3 3400 8855

info@smlightarchitecture.com
press@smlightarchitecture.com

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Our design maximises energy saving to support the client's stated sustainability goals, while assisting with wayfinding, orientation, and delivering a vibrant ambience for passengers as natural light fades.

CLIENT
Aéroport de Genève

DATE
2013-2022

ARCHITECT
RSHP

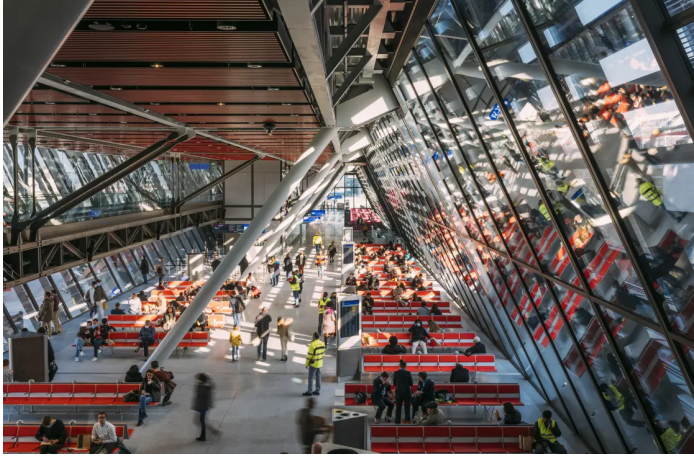
CO-ARCHITECT
Atelier Jacques
Bugna SA

STRUCTURAL ENGINEER
Ingérop & T-Ingénierie
SA

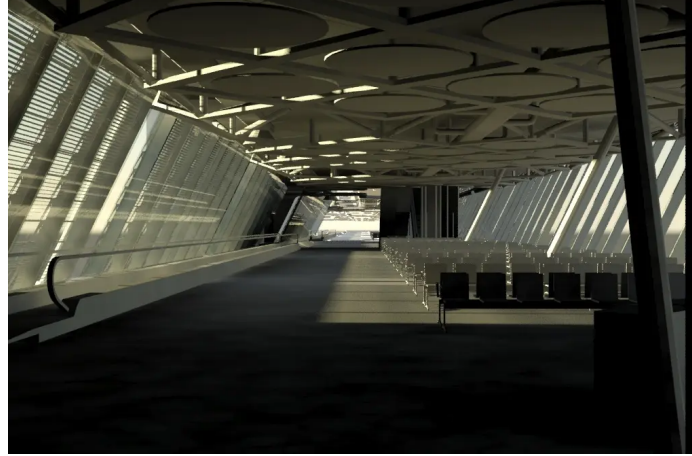
PROJECT TEAM
Mark Major, Iain
Ruxton, Dave Morris



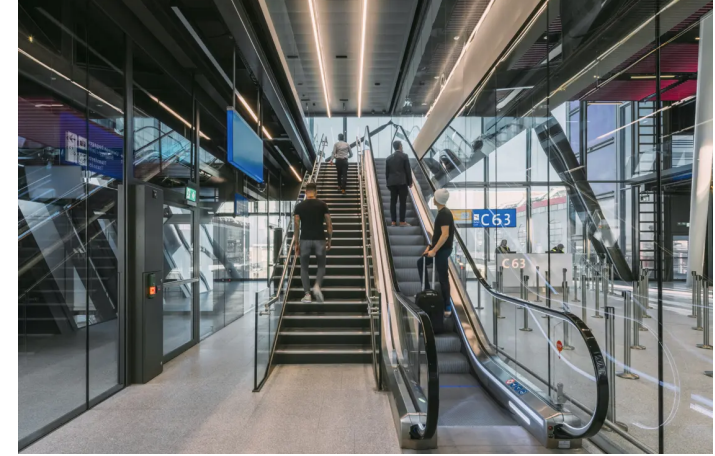
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With a target to be an energy positive building, maximising use of natural light and minimising energy consumption by artificial light was a primary driver in the lighting design.



We undertook extensive daylight analysis, verifying that the levels achieved throughout the spaces and across the year would allow for much of the artificial lighting to remain off during daylight hours. Meeting the stringent energy targets also necessitated using highly efficient direct light for the bulk of the artificial lighting, while the floor finishes are kept pale, generating interreflections onto the ceiling planes that keep the spaces feeling light and bright after dark.



Given the constraint of a largely direct lighting scheme, our designers focused their creativity on the application of fixtures across the varying volumes, ceiling heights and ceiling constructions.

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On the main concourses, colour is applied to chilled beam ceilings, upholstery, lift car glass interiors, and stair structures changes every 80m to assist with orientation and add character. This colour is also applied to selected façade glass panels, which have been lit externally to create a bold graphic effect.

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