



OFFICE MODULES & SUSPENDED
LUMINAIRES

advanced systems



AILERON
TECHNICAL SPECIFICATION DATA

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AILERON T5

fluorescent - dimmable

IP20



Product Purpose & Meaning

- The Aileron T5 suspended luminaire is characterised by its transparency and side wings.
- *Ailerons* [Aay-Lur-Ron] are the moving 'flaps' of wings which move to change the lift of an aircraft. In this case the Ailerons provide a lift in illumination at the prescribed angles ideal for office lighting.

Product Summary

- Combined direct & indirect office suspended luminaire with techno-prismatic or alternative satin frosted pmma diffuser.
- Slim low profile 63mm edge profile.
- Dimmable with all signal protocols.

Applications

- Main & ancillary offices, meeting rooms and cellular office.
- Schools, libraries, conference suites.
- Ideal for showrooms and retail.

Performance

Lamp Type	28W - 80W 1200mm/1500mm T5 G5
Lamp Qty	2
Lamp Source	Philips, Osram or GE.
Lumen Output	refer to manufacturers data
Lamp CRI	> 90
Life	typically 20,000hrs
Optic Beams	90° [half peak]

Electrical Data

Voltage	230Vac mains
Load Watts	Variable
Cable Terminal	Yes
Gear	Integrated
Configuration	Mains Power
Dimming	Yes
Data Protocol(s)	DALI, DSI digital or 0-10V analogue

Description

A slim low profile suspended architectural luminaire in 'glow' techno-prismatic or satin frosted acrylic. Edge profile statement luminaire with sandwiched lamps in side aileron wings for high output light. Ideal for performance combined indirect-direct lighting of working spaces, meeting rooms and office related spaces. Uses advanced techno-prismatic fluxidrive™ light controller diffuser at competitive market pricing. [Fluxidrive™ technology offers smooth light anti-glare control with volumised light appearance and high output ratios - c.30% more efficient than old type prismatic]. Made for modern fine-wire suspension.

Construction & Finishes

Pressed formed steel body and bezel
Standard finish in Aluminium RAL9006, custom options on request. Diffusers in Techno-prismatic [with PC Tpa>850°C option] or satin frosted acrylic [pmma].

Main Features

- Twin high output fitting for volumised light.
- Slim low profile to 63mm..
- Fluxidrive™ techno-prismatic made in PC to Tpa >850°C
- Aesthetic edge design.

Mounting

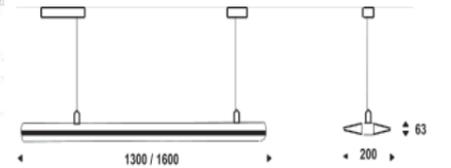
- Fine-wire suspension kit to 0.8 metres c/w tool-free easy adjustability tension system.
- Integral gear
- 3 Core Connectors Live & Neutral power feeds - with functional Earth.

Connection Diagram A

- Connection is for standard main voltage with terminals in the ceiling mount plate.
- See Connection Diagram A - Page 324.

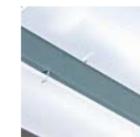
AILERON T5

fluorescent - dimmable



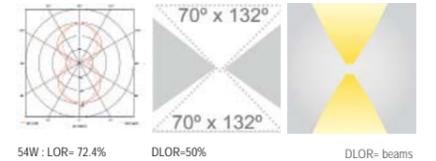
Product Codes :

Satin Frosted Diffuser



Direct / Indirect suspension of with diffuser wing "Ailerons" made of Satin Frosted PMMA. Acrylic. Satin-frosted version is normally preferred due to low lamp visibility and improved appearance.

AIL.228.SF	W 200 x L 1300mm	2x28W T5 G5 - 5200lms	Satin-Frosted Diffuser
AIL.254.SF	W 200 x L 1300mm	2x54W T5 G5 - 8900lms	Satin-Frosted Diffuser
AIL.235.SF	W 200 x L 1600mm	2x35W T5 G5 - 6600lms	Satin-Frosted Diffuser
AIL.249.SF	W 200 x L 1600mm	2x49W T5 G5 - 8600lms	Satin-Frosted Diffuser
AIL.280.SF	W 200 x L 1600mm	2x80W T5 G5 - 12300lms	Satin-Frosted Diffuser

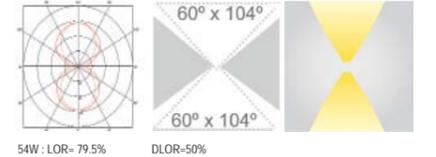


Techno-Prismatic Fluxidrive™ Diffuser



Direct / Indirect suspension of with diffuser wing "Ailerons" made of transparent Linear Techno-Prismatic

AIL.228.TP	W 200 x L 1300mm	2x28W T5 G5 - 5200lms	Techno-Prismatic
AIL.254.TP	W 200 x L 1300mm	2x54W T5 G5 - 8900lms	Techno-Prismatic
AIL.235.TP	W 200 x L 1600mm	2x35W T5 G5 - 6600lms	Techno-Prismatic
AIL.249.TP	W 200 x L 1600mm	2x49W T5 G5 - 8600lms	Techno-Prismatic
AIL.280.TP	W 200 x L 1600mm	2x80W T5 G5 - 12300lms	Techno-Prismatic



POST-FIX CODES

- For codes with DIMMING - HF gear defaults for HFR dimming by DALI ,DSI or 1-10V please add post-fix "-DALI", "-DSI" or "-1-10V" respectively.
- EMERGENCY - integrated emergency is not possible - please use remote dedicated units.
- TPA>850°C Prismatic - For use of high thermal prismatic please add post-fix "TPA".
- important note:** beam angles and lumen outputs are approximate and guide only please refer to full photometric data, lamp manufacturers data our consult or technical dept.



Energy Saving Technology



Green Energy Technology



Lamp Type Technology



Wattage - Unit
2 x 80W max [dimmable]



Voltage
ac - alternating current only



Integral HF Ballast



Lumens / Watt
value - based on 54W at 4450lms



CRI - Group Index
value - 80 - 90%



IP Rating
Standard Interior Only



Insulation Class
- Functional Earth Required



Product Weight
Kilograms/unit



ENEC compliance



CE mark



F - mark
fire safe rating



Environmental Technology

OFFICE MODULES SUSPENDED & SYSTEMS

product pages start page 27

office - retail - leisure

OFFICE MODULES SUSPENDED & SYSTEMS

office - retail - leisure

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RECESSED MODULES

T5 - 2x54W Page 28
1200x300



techno-micro-prismatics



OFFICIO series



OFFICIO series



OFFICIO series

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RETAIL STORE



PERSCARA RX



GIOTTO XS series



GIOTTO XS series



GIOTTO XS series

SUSPENDED SYSTEM

SYSTEM Page 57



XICATA 48 series - T5

SYSTEM Page 57/61



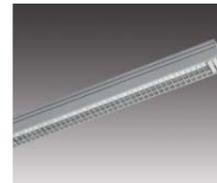
XICATA 48 - T5 & SPOTS

SYSTEM Page 61



XICATA 48 series - SPOTS

SYSTEM Page 65



XICATA 48 - SINGLE T5

SYSTEM Page 67



XICATA 48- ROTATOR 1

SYSTEM Page 71



XICATA 48 - WALL UNITS

SYSTEM Page 69



XICATA 48 - VIENNA

SYSTEM Page 69



XICATA 48 - TUBE

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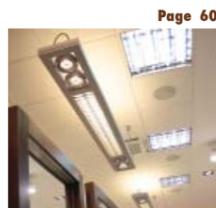


XICATA 48 - LED SPOTS

SYSTEM Page 67



XICATA 48 - ROTATOR 2



HAIR SALONS



LIBRARY'S



CAR DEALERSHIPS



RETAIL



SCHOOLS



RECEPTIONS

SUSPENDED LUMINAIRES

Page 36 30x3W - LED



MONZA

Page 38 3x54W - T5



VERONA

Page 40 3x80W - T5



AILERON

Page 42 LED - 32x3W



CHIARO

Page 44 LED - 32x3W



LATLUCE

Page 46 2x54W - T5



MILANO series

Page 46 2x54W - T5



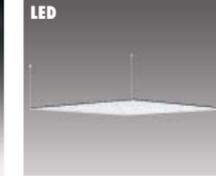
MILANO series

Page 48 2x24W - T5



VIENNA

Page 35 LED - 72W



PERSCARA XS

Page 103 LED - 20W/m



AMBIENTALE

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OFFICE'S

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OFFICE'S

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OFFICE'S

SURFACE

Page 48 2x80W - T5



VIENNA

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OFFICE'S

RECESSED SYSTEM

Page 50 SYSTEM



XICATA 77 RECESSED

Page 51 SYSTEM



XICATA 77 RECESSED

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OFFICE'S

OFFICE WALL LUMINAIRES

Page 228 2x55W TC-1

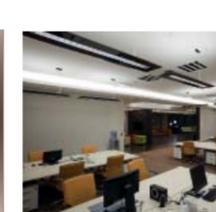


ASYAERO

Page 229 1x55W TC-1



KEELIO



DEALER ROOMS