

JEDI



TARGETTI



Electrical Engineer Schaller Tech

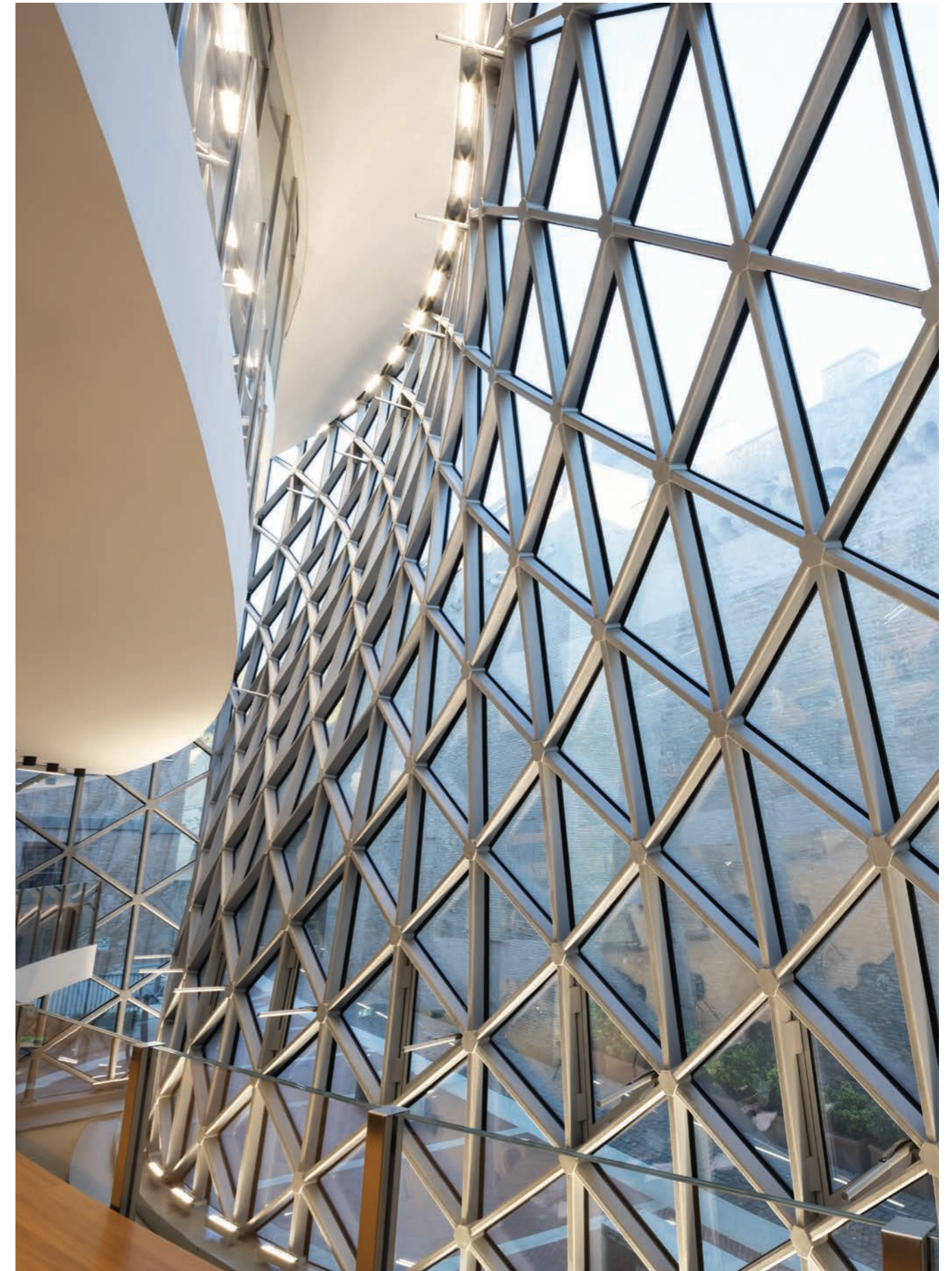
Architect Gustavo Vasquez
Photographer Sebastian Franco



A. Jedi
B. Jedi Compact IP67

Jedi is a complete range of linear fixtures ideal for lighting large architectural surfaces. Available in a wide range of sizes, performances, and optical effects. Available in both projector and recessed versions. So many combinations and functions for true champions of flexibility and performance!

JEDI



Jedi

Jedi is an essentially indestructible, high performance linear outdoor fixture. It is available with numerous optical effects, installation flexibility, three different lengths, and the ability to blend in easily within the architecture; an indispensable tool for lighting large surfaces.

Jedi is available with consistent lumen packages per length to allow each surface to be illuminated uniformly. Jedi is also available in a RGBW dynamic color changing version.



Jedi is available as:

- A** Integrated driver projector
- B** Integrated driver recessed fixture

Jedi Compact

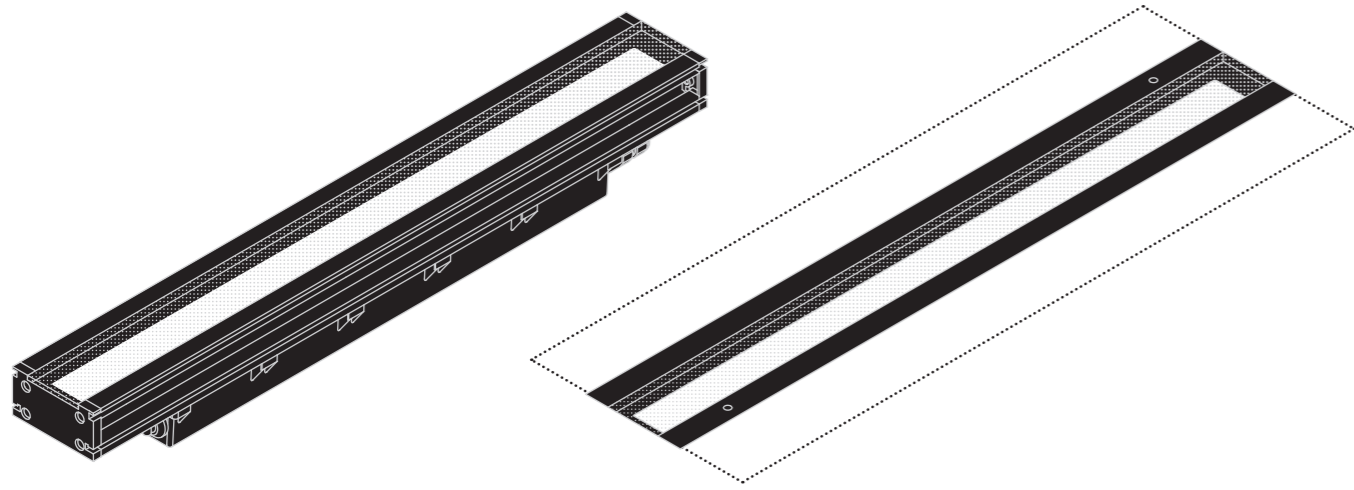
Jedi Compact is a high-performance fixture suitable for installation within small grooves or thin cornices for both outdoor and indoor applications. It is ideal for lighting vertical surfaces, vaulted ceilings, or general walkway areas. Jedi Compact is available for both recessed and surface mount installations.



Jedi Compact is available as

- C** IP67 projector with integrated driver
- D** IP67 projector with remote driver
- E** IP67 recessed version with integrated or remote driver

Jedi



3

Sizes
for the Jedi range

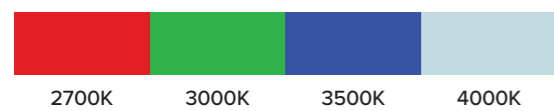
- L 24in
- L 36in
- L 48in



Color temperature



or



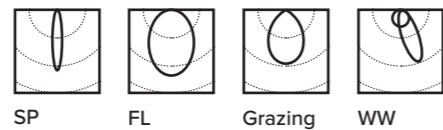
Power supply
Integral 0-10V Electronic



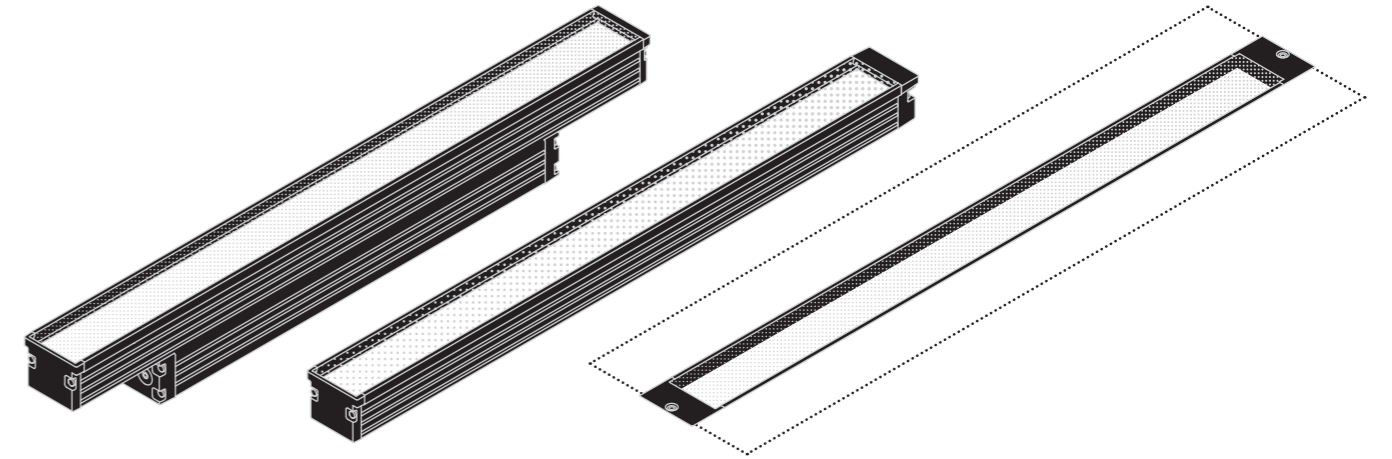
LED source
White LED
RGBW LED

4

Available optics



Jedi Compact



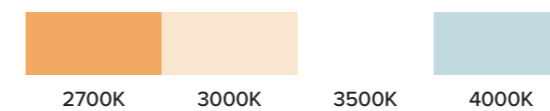
4

Sizes
for the Jedi Compact range

- L 13in
- L 24in Remote version only
- L 35in
- L 46in

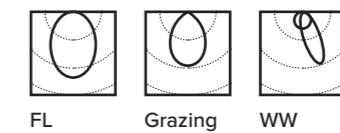


Color temperature



3

Available optics



Power supply
Integral or Remote
0-10V Electronic



LED source
White LED



Photographer Carlos Horcajada

Lighting Design Ing. Raquel Herrero,
Ayro Salamanca



Jedi and Jedi Compact are a comprehensive range of linear fixtures for outdoor and indoor lighting, with innovative proprietary optics. All versions in the product family are characterized by high performances and wide application flexibility. With a specifically designed sleeve for recessed installations and an extensive range of optics to meet any design requirement. This makes Jedi and Jedi Compact fundamental tools for illuminating linear installations.

Plus

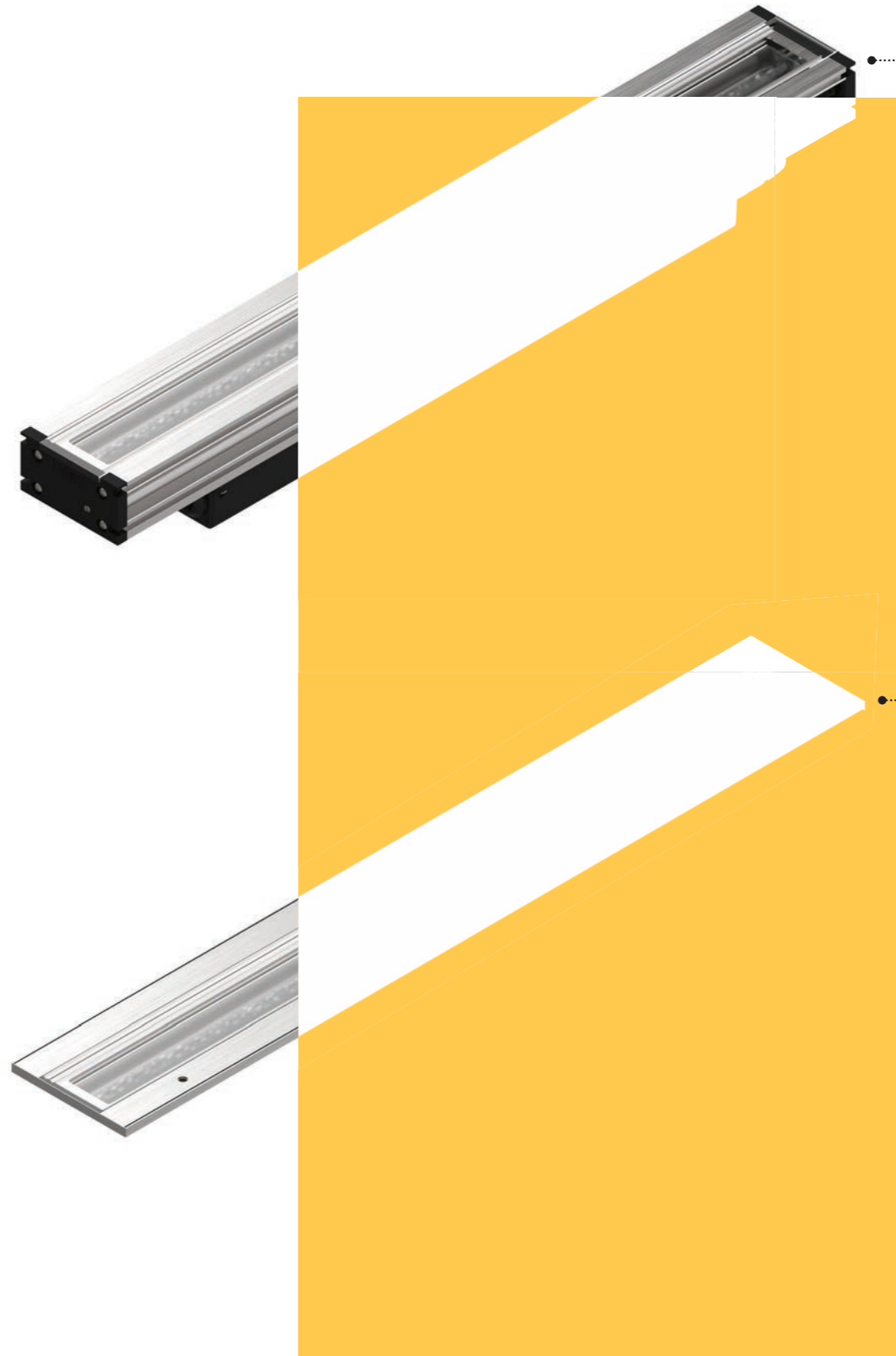
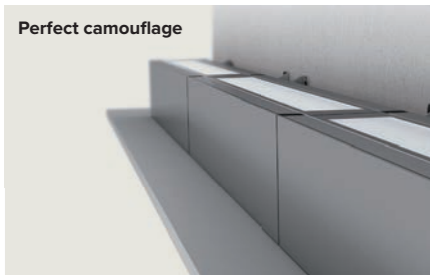
Proportioned lumen output.
Both Jedi and Jedi Compact deliver the same quality of light per linear foot allowing for a uniform distribution regardless of the fixture length used in a continuous run installation.

Aquastop.
The Jedi fixtures undergo a unique Aquastop process to be perfectly sealed, preventing the fixtures from water wicking due to accidental damage or exposed to water and humidity.

Resistant to corrosion.
The high quality manufacturing processes and materials usage make Jedi suitable to be installed in marine environments.

Fixture not to be installed in locations with direct contact with salt for extended periods of time or areas subjective to corrosive or oxidizing agents such as fertilizers or pesticides.

A



Jedi Projector

The Jedi projector is IK10 rated and has an assortment of accessory and mounting options available.

A

Perfect camouflage

The side cover accessory allows Jedi to camouflage itself into the façade. The cover is installed the entire length of the fixture and can be field painted according to the specific finishes of the architectural project to blend into the facade.

Installation flexibility

Jedi can be completed with different installation brackets for wall and surface applications. The accessory brackets allow the projector to be adjusted with aim locking.

Jedi Recessed

Essentially indestructible

Jedi Recessed is H-20 fire truck tested with a static load resistance equal to 28,229lbs and IK10 vandal-resistance rating. This makes it perfect for installation in urban areas.

Continuous illumination

The minimal and elegant design of Jedi Recessed allows for the creation of a continuous illumination optical effect when the fixtures are installed next each other.

Quick Connection

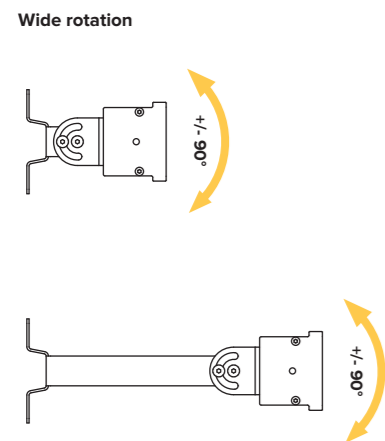
Jedi Recessed housing is completely sealed and features an external electrical connection through IP68 connectors. Continuous line installation is possible by using specific cable configurations.

Plus

A



B



Jedi Compact Recessed IP67

A perfect integration within the architecture.

The minimal design - characterized by a very thin trim - and compact dimensions make Jedi Compact Recessed IP67 an ideal solution for recessed applications where light fixtures must perfectly integrate into the architecture with reduced installation depth.

Extensive range of distributions.

Jedi Compact Recessed IP67 features three lighting emissions to obtain different optical effects, capable of meeting the project needs. By equipping the fixture with an optional anti-glare louver, it is possible to control the emission and avoid the risk of glare.

Professional performances.

Despite its compact size, Jedi Compact IP67 is a true professional tool due to its high performance and different lighting distributions.



Jedi Compact IP67

Installation flexibility.

B Thanks to the fixing brackets, available in two different lengths, it is possible to rotate the Jedi Compact IP67 180° and lock the aiming with an Allen key for maximum reliability during installation.

Compact fixture forms.

Depending on the installation, there are two forms to choose from. The remote driver version should be used when it is necessary to have a compact profile and a very limited installation depth, while the integrated driver version is higher in depth.

A Anti-glare effects.

When it is necessary to limit the risk of glare, the three optical solutions of Jedi Compact can be provided already equipped with the louver grid that limits lateral light emission.



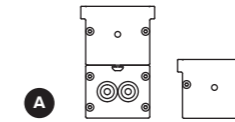
Photography: Matthew Borkoski Photography

Lighting Design: RS Lighting Design

Projectors

Jedi and Jedi Compact projectors feature different extrusions depending on the version. A more robust extruded aluminum housing with integrated driver was designed and

developed for all of the Jedi fixtures. More compact yet resistant extrusions characterize the Jedi Compact range.



The IP67 versions of Jedi Compact can be provided with two different extrusions: one with an integrated driver or one to be completed with a remote driver box.

Jedi

Integral driver on board

Lengths

- L 24in
- L 36in
- L 48in

Materials

Extruded anodized aluminum 15μ body. Extra clear 4mm thick glass flat screen. Black polycarbonate driver box. The body of the fixture is adjustable and can be installed away from the mounting surface by sliding the brackets along a special guide.

A Jedi Compact IP67

Integral driver on board

Remote driver

Lengths

- L 24in
- L 36in
- L 48in

Lengths

- L 12in
- L 24in
- L 36in
- L 48in

Materials

Extruded anodized aluminum 15μ body. Extra clear 5mm thick glass flat screen. The body of the fixture is adjustable and can be installed away from the mounting surface using accessory snap brackets.

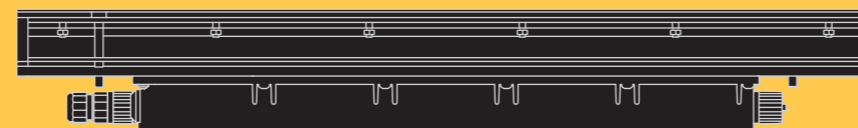
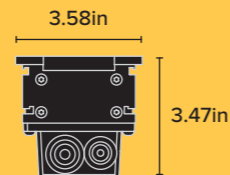
Recessed

Jedi and Jedi Compact Recessed are true professional tools for recessed outdoor applications. While Jedi presents a very robust body (IK10) that houses the integrated

driver, Jedi Compact Recessed features two different housings: one for the integrated driver version, the other for the remote driver version.

Jedi Recessed

Integral driver on board



Lengths

- L 24in
- L 36in
- L 48in

Materials

Extruded anodized aluminum 15 μ body. Extra clear 10mm thick glass flat screen. Brushed stainless steel (AISI 316) frame. Resistant to static loads up to 28,229lbs and vandalism (IK10). Optional anti-slip glass available on request.

To be completed with an aluminum installation sleeve suitable for in-line continuous row installation.



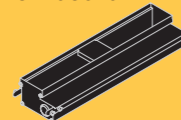
Walk Over



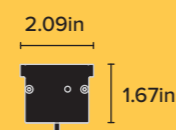
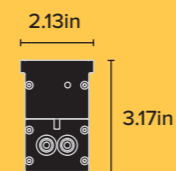
Drive Over

Jedi Compact Recessed IP67

Integral driver on board



Remote driver



- L 24in
- L 35in
- L 46in

- L 13in
- L 24in
- L 35in
- L 46in

Extruded anodized aluminum 15 μ body. Extra clear 5mm thick glass flat screen. Resistant to static loads up to 4,000lbs and vandalism (IK08).

To be completed with an anodized aluminum sleeve suitable for in-line installation and external looping.



Walk Over

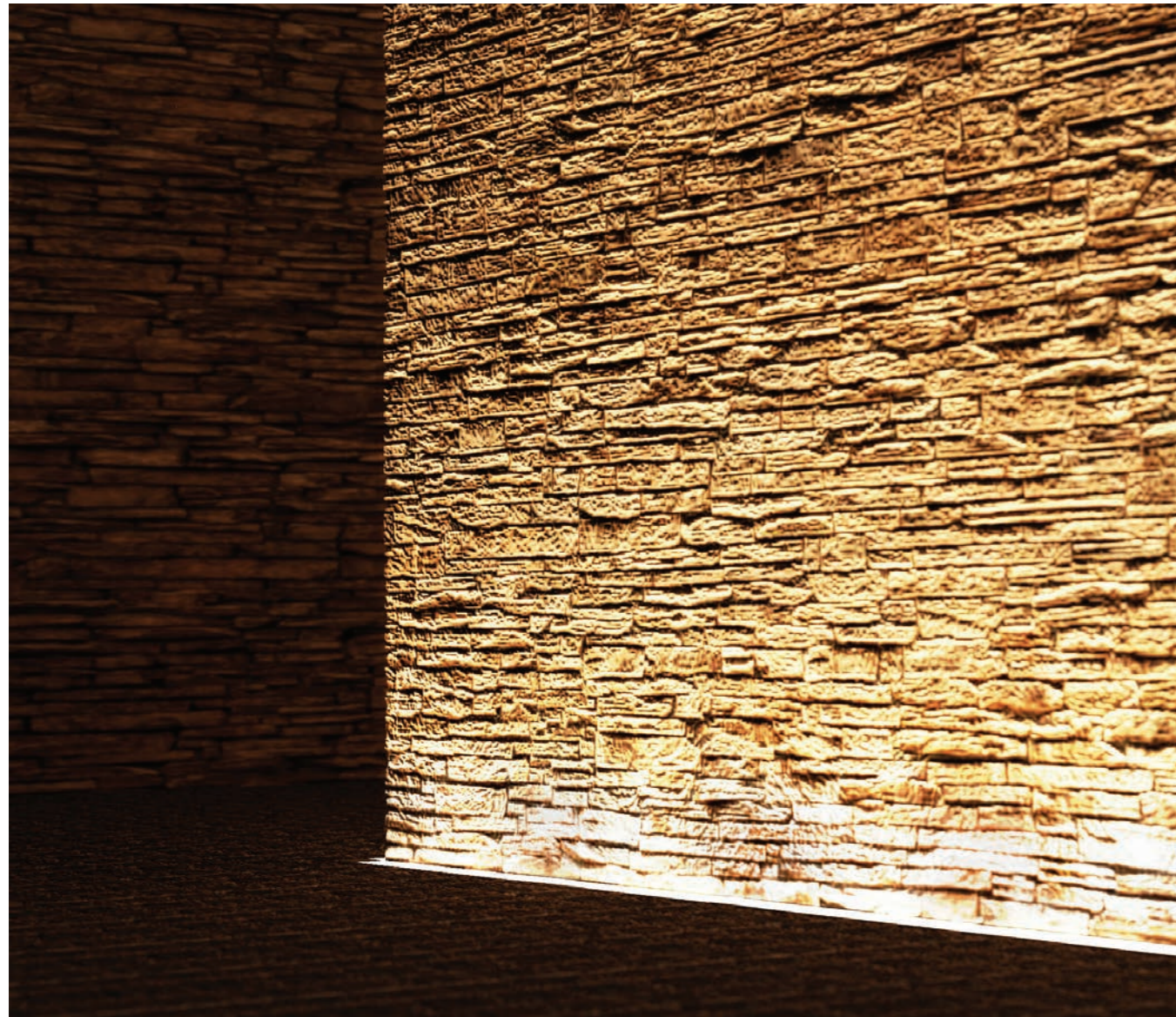


Drive Over

Glare free Illumination

Jedi and Jedi Compact are the ideal solutions for professional linear lighting. Available with the different optical effects including wall graze to accentuate textures and details, wall wash for uniform light over large and high surfaces, and more concentrated effects with flood and spot optics.

A special Louver grid has been developed to provide Jedi and Jedi Compact versions with an integral anti-glare system. This solution converges the lateral light emission to avoid the risk of glare.



Hybrid optic system

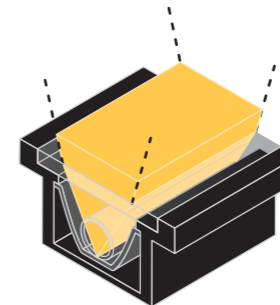
The patented hybrid optic system features a linear LED board with a primary cylindrical glass lens combined with a high-reflective anodized aluminum reflector and a holographic filter that softens the emission. This optical solution is available both on Jedi and Jedi Compact versions and it provides three different lighting effects – grazing, flood, wall washer.

Lenticular optic system

The JEDI Range can be equipped with the unique and proprietary spot optic system. This solution features a lenticular system with single acrylic lenses on each LED emitter for an extremely narrow and controlled beam. The lenticular system produces clean vertical emissions reducing lateral spillage along the length of the fixture.

1

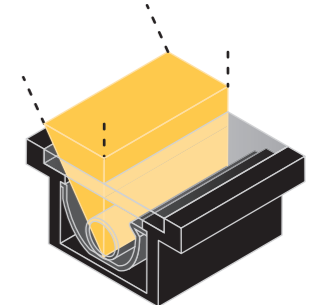
Hybrid optical system for Grazing effects



The Grazing optic is perfect for enhancing and highlighting a texture. To optimize the effect, the fixtures must be installed near the surface that is being lit (0.13in), close together or in a continuous line.

2

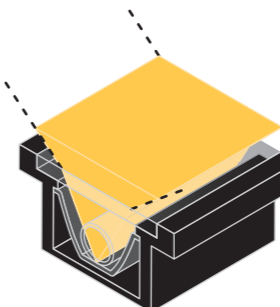
Hybrid optical system for Wall Washer effects



The Wall Washer optic allows uniform and consistent lighting of wide surfaces. The ideal distance (a) of Jedi wall washers from the wall should be around one fourth of the surface height (h) - Arrangement: $a = 1/4 \times h$. By installing the fixtures at a distance of about 79in (fixture center) and at 47in from the wall, it is possible to obtain a uniformly illuminated surface with an average of 14 foot candles.

3

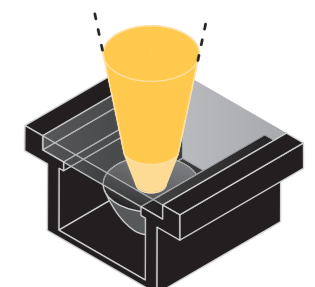
Hybrid optical system for Flood effects



The Flood optic is ideal for lighting moldings on a façade with a soft lighting effect. On the plane transversal to the fixture it features a relatively narrow emission that makes it possible to not waste light outside the surface to be lit. On the plane parallel to the fixture, the emission is wide yet controlled to focus on specific elements.

4

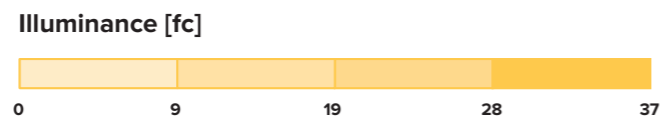
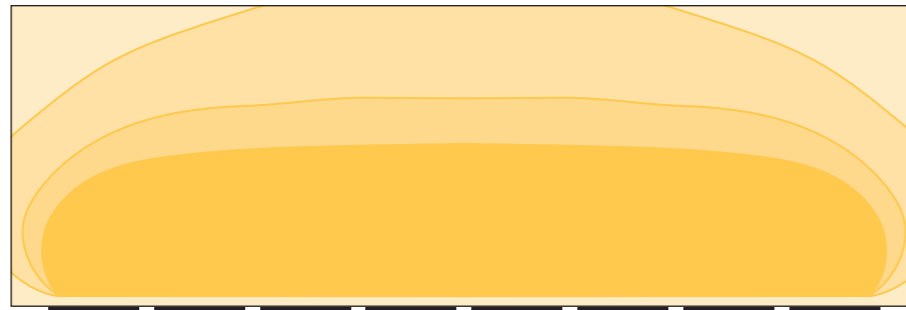
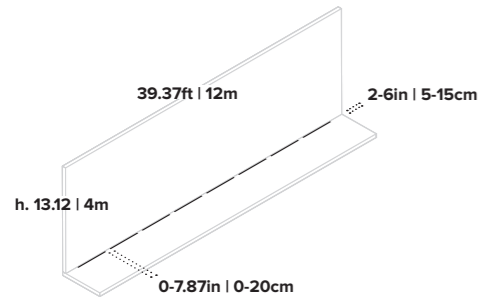
Optical system with lenses for Spot effects



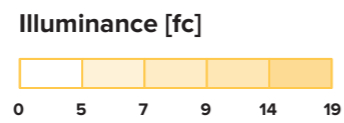
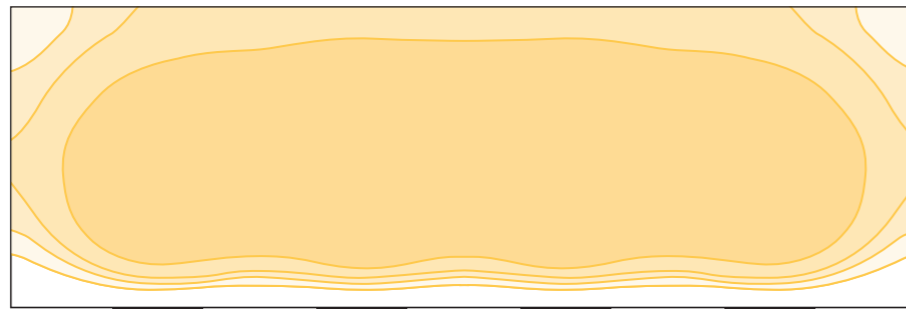
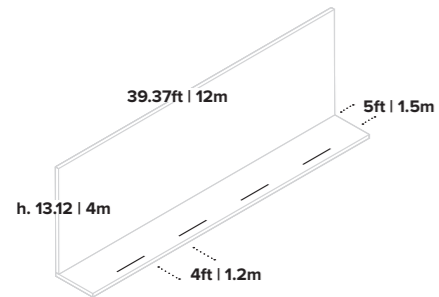
The Spot optic provides a more concentrated and vertical emission, perfect for highlighting architectural elements. The precise and narrow beam is controlled for reducing lateral spillage along the length of the fixture making Jedi the ideal professional solution for projected light.

Project Guide

1 Grazing



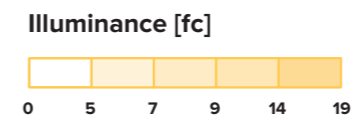
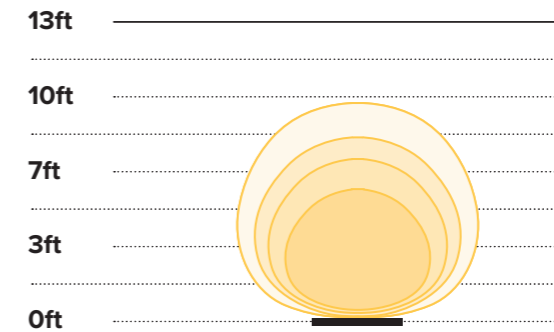
2 Wall Washer



3 Flood

FL
 Beam Angle 85°x32°
 Lumens 5111lm
 I_{max} 4784cd

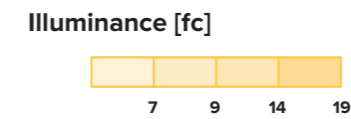
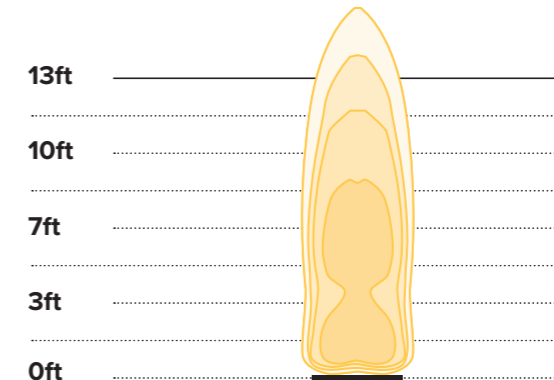
Data refer to Jedi
 Compact - 48in size
 - 3000K



4 Spot

SP
 Beam angle 10°
 Lumens 3181lm
 I_{max}: 64401cd

Data refer to Jedi
 Compact - 48in size
 - 3000K





Photos ©Henri Khodaverdi
Awards Lumen West Award of Merit – Exterior Lighting

Lighting Design Oculus Light Studio
Architect Shubin-Donaldson Architects

How to Complete Jedi and Jedi Compact



Jedi and Jedi Compact offer a wide variety of mounting solutions; the fixtures must be completed with installation accessories.

Jedi Compact Remote fixtures need to be completed with a remote driver.

All Jedi and Jedi Compact versions are available with an integrated or remote 120-277V electronic 0-10V dimmable driver.

Arma Business Quarter, Moscow, Russia
 Architect Skip Architectural Bureau
 Photographer Ilya Melikhov



Jedi

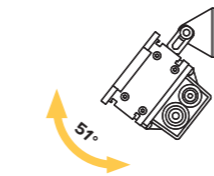
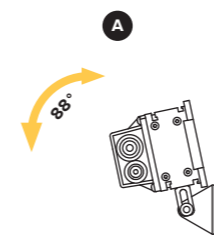


Mounting brackets

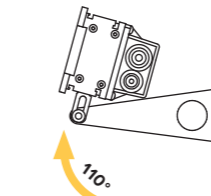
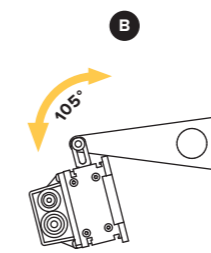
Jedi Recessed



Installation sleeve

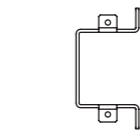


Option A
Short bracket
for wall installation



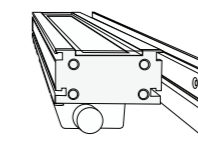
Option B
Long bracket
for wall installation

C



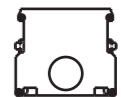
Option C
Bracket for ceiling
installation

D



Option D
Wall Flush Mount
Bracket

A



Jedi Recessed is available with stainless steel or extruded aluminum installation sleeve options.





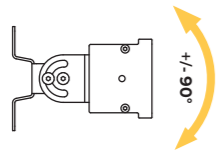
**Jedi Compact
IP67**



Mounting brackets

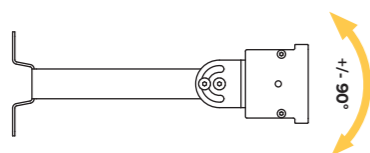
A

Option A
Short bracket kit for
surface installation



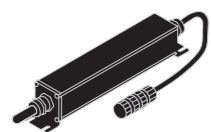
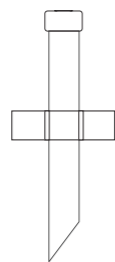
B

Option B
Long bracket kit for
surface installation



C

Option C
Powerpost with long
bracket for landscape
installation



Power supply
(for remote
driver version)

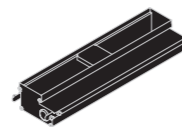


**Jedi Compact
IP 67 Recessed**



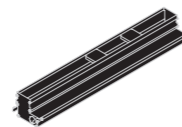
Installation sleeve

A

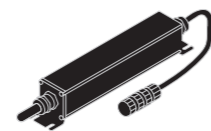


Option A
For Jedi Compact
with remote driver

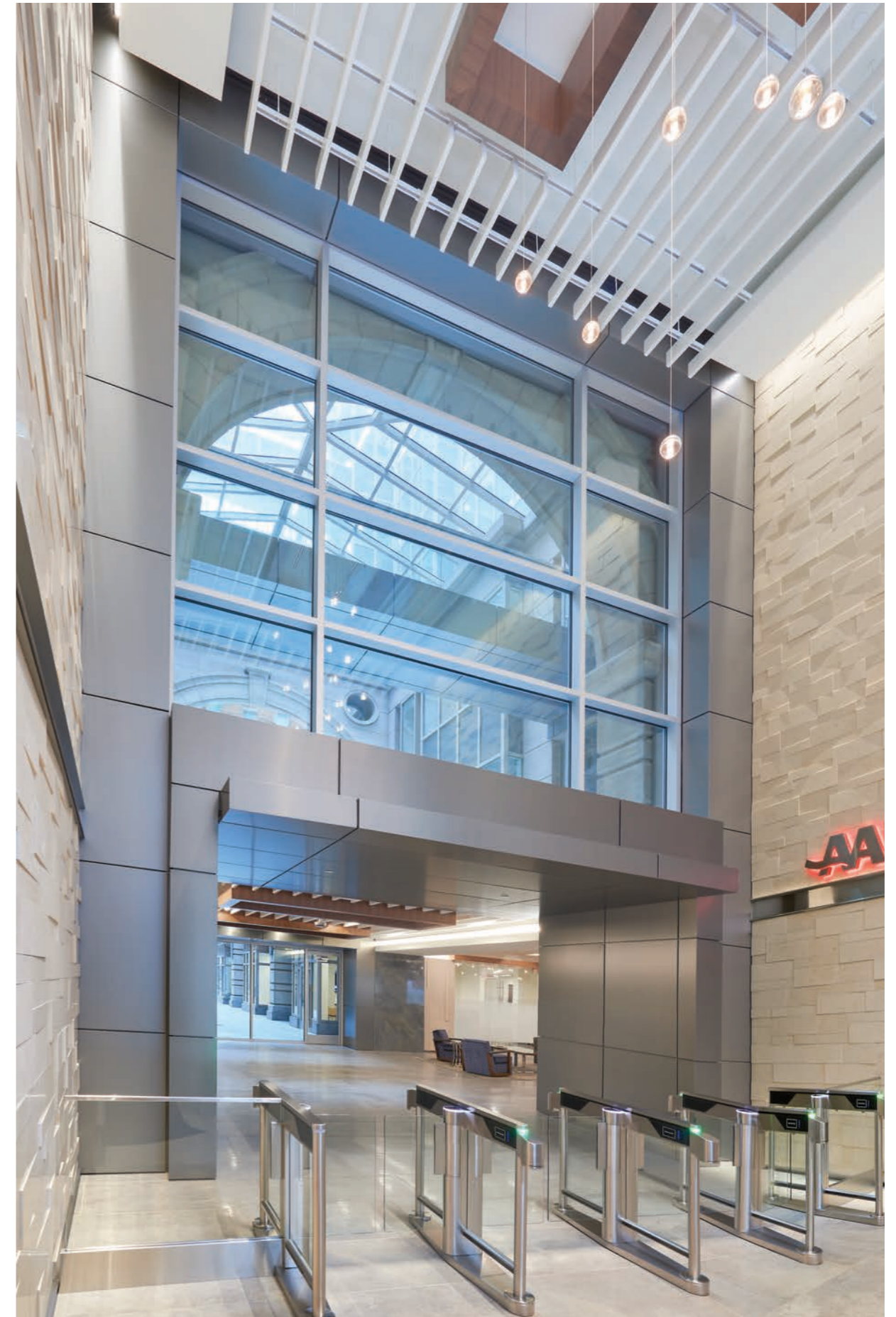
B



Option B
For Jedi Compact
with integrated driver

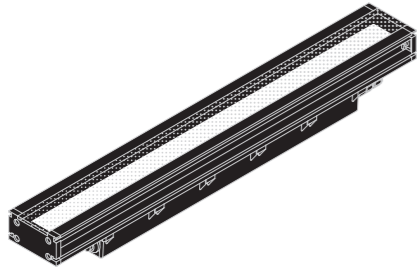


Power supply
(for remote
driver version)





Jedi Projector



Jedi is a complete range of linear projectors for lighting wide surfaces. It is available with numerous optical effects, installation flexibility, three different lengths, and the ability to blend in easily within the architecture.

The completely sealed housing and IP68 connectors make Jedi easy to install in any environment. Jedi is also available in a RGBW version.

GENERAL INFO

Adjustable linear projector.
Lengths 24in – 36in – 48in

LED

Optics FL, GR, WW - Linear boards
Optic SP - LED Emitter
Version RGBW - LED Emitter
From 632lm to 7180lm
3000K – 4000K – RGBW
Ra84

PRODUCT EFFICACY

Up to 113lm/W

OPTICS

SP – FL – GRAZING
WALL WASHER

POWER SUPPLY

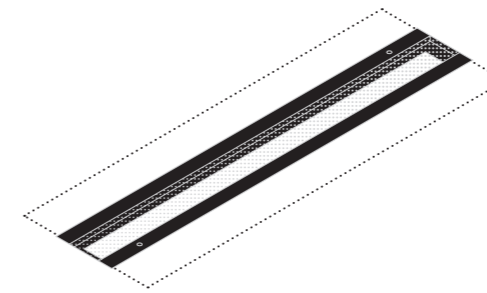
0-10V Electronic

MATERIALS

Extruded anodized aluminum body.
Extra clear glass flat screen.
Black polycarbonate driver box.



Jedi Recessed



The recessed version of Jedi is the ideal solution for lighting large surfaces. It is available with numerous optical effects, installation flexibility, three different lengths, and maximum load of 28,229lbs and vandal resistance (IK10) make it a flexible tool always capable of providing solutions to specific project needs in public or private areas.

The completely sealed housing and IP68 connectors, make Jedi recessed easy to install in any environment. To be completed with an aluminum installation sleeve suitable for in-line continuous row installation. Jedi Recessed is also available in a RGBW version.

GENERAL INFO

Recessed linear projector.
Lengths 24in – 36in – 48in

LED

Optics FL, GR, WW - Linear boards
Optic SP - Led Emitter
RGBW version - Led Emitter
From 632lm to 7180lm
3000K – 4000K – RGBW
Ra84

PRODUCT EFFICACY

Up to 113lm/W

OPTICS

SP – FL – GRAZING
WALL WASHER

POWER SUPPLY

0-10V Electronic

MATERIALS

Extruded anodized aluminum 15μ body. Extra clear 10mm thick glass flat screen. Brushed stainless steel (AISI 316) trim. The body of the fixture can resist a static load up to 28,229lbs and vandalism (IK10). Anti-slip glass available on request.



Jedi Compact IP67



Jedi Compact IP67 is the compact, high performance linear LED fixture suitable for outdoor installation in small grooves or on thin frames. It is ideal for general lighting in pedestrian areas, ceilings and vertical surfaces.

Jedi Compact IP67 is available in a double height version with an integrated or remote driver, both characterized by an extremely thin profile. The 12in length version is only available with remote driver. To avoid any risk of glare while preserving the IP rating, all versions can be provided already equipped with the special Louver grid.

GENERAL INFO

Adjustable linear projector.
Integrated driver version lengths:
24in – 36in – 48in
Remote driver version lengths:
12in - 24in – 36in – 48in

LED

Linear boards
From 1615lm to 7200lm
2700K – 3000K – 3500K –
4000K
Ra84

PRODUCT EFFICACY

Up to 113lm/W

OPTICS

SP – FL – GRAZING – WALL
WASHER

With Louver

FL - GRAZING - WALL WASHER

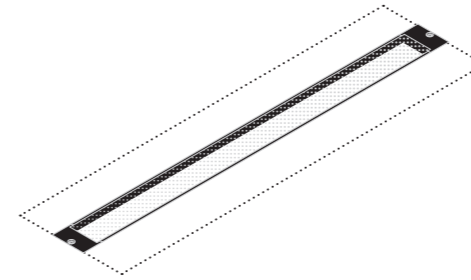
POWER SUPPLY

0-10V Electronic

MATERIALS

Extruded anodized aluminum
body. Extra clear glass flat
screen.

Jedi Compact Recessed IP67



Jedi Compact IP67 is also available for recessed application featuring the same high performance and compact dimensions of the projector versions. Offered both with remote or integrated drivers, Jedi Compact Recessed IP67 needs to be completed with the special anodized aluminum sleeve suitable for in-line installation and external looping.

Like the projector version, the three optics - Flood, Grazing, and Wall Washer – are also available with integrated Louver grid that converges the side light emissions, avoiding the risk of glare.

GENERAL INFO

Ground recessed linear projector
Integrated driver version lengths:
24in – 35in – 46in
Remote driver version lengths:
13in - 24in – 35in – 46in

LED

Linear boards
From 1615 to 7200lm
2700K – 3000K – 3500K –
4000K
Ra84

PRODUCT EFFICACY

Up to 113lm/W

OPTICS

SP – FL – GRAZING – WALL
WASHER

With Louver

FL - GRAZING - WALL WASHER

POWER SUPPLY

0-10V Electronic

MATERIALS

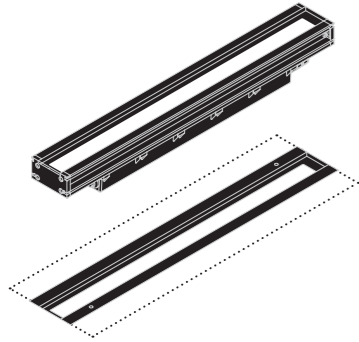
Anodized extruded aluminum
frame. Flat screen in extra-clear
glass.





Lighting Designer HLB
Photographer ©SAC Design

JEDI



24in Length

Spot	27W	1720lm	1591lm
Flood	27W	3420lm	2555lm
Grazing	27W	3420lm	2482lm
Wall Washer	27W	3420lm	2572lm

36in Length

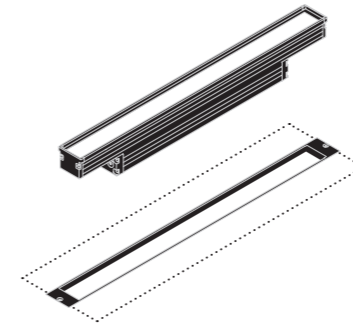
Spot	38W	2922lm	2387lm
Flood	38W	5130lm	3833lm
Grazing	39W	5130lm	4263lm
Wall Washer	39W	5130lm	3858lm

48in Length

Spot	49W	3894lm	3181lm
Flood	49W	6840lm	5111lm
Grazing	51W	6840lm	5684lm
Wall Washer	51W	6840lm	5144lm

The lumen output refers to LED 3000K.

JEDI COMPACT IP67



12in Length

Flood	12W	1720lm	1285lm
Flood + Louver	12W	1720lm	752lm
Grazing	12W	1720lm	1429lm
Grazing + Louver	12W	1720lm	912lm
Wall Washer	12W	1720lm	1293lm
Wall Washer + Louver	12W	1720lm	975lm

24in Length

Flood	24W	3440lm	2570lm
Flood + Louver	24W	3440lm	1503lm
Grazing	24W	3440lm	2858lm
Grazing + Louver	24W	3440lm	1824lm
Wall Washer	24W	3440lm	2586lm
Wall Washer + Louver	24W	3440lm	1950lm

36in Length

Flood	36W	5160lm	3856lm
Flood + Louver	36W	5160lm	2255lm
Grazing	36W	5160lm	4288lm
Grazing + Louver	36W	5160lm	2735lm
Wall Washer	36W	5160lm	3880lm
Wall Washer + Louver	36W	5160lm	2926lm

48in Length

Flood	48W	6880lm	5141lm
Flood + Louver	48W	6880lm	3007lm
Grazing	48W	6880lm	5717lm
Grazing + Louver	48W	6880lm	3646lm
Wall Washer	48W	6880lm	5173lm
Wall Washer + Louver	48W	6880lm	3901lm

The lumen output refers to LED 3000K.

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