Athena Collection

Beautifully Robust

unios.

Lighting Simplified.

Unios Toolbox

This digital tool provides you with a platform for configuring, bookmarking and collaborating on luminaires for any project.

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Create a tailor-made linear design in minutes with the pioneering digital tool. With 24/7 access to customised shapes, specifications, IES, BIM and Revit files, there is no limitation to creativity.

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Building digital tools.
Sharing new knowledge.

Crafted in Australia

1 **Luminaire Body**

Made from high grade aluminium with <0.1% copper content, making it highly resistant to corrosion.

2 **Lens technology***

Lens technology for better beam control, with 15°, 36° and 60° beam angle options.

3 **Honeycomb Louvre**

Additional optional honeycomb louvre accessory to maximise visual comfort.

4 **Linear Lens**

Additional optional linear lens accessory to achieve an elliptical beam output.

* Applies to Athena G2 Series

5 **Deep Baffle***

Deep recessed baffle option to achieve lower glare and complement the lens.

6 **Asymmetrical Baffle***

Asymmetrical baffle option used to create a forward throw or wallwashing effect

7 **Toughened Glass**

Toughened glass to achieve a high impact rating of IK 10 for public and open spaces.

8 **Textured Finish**

UV resistant coating which exceeds the industry standard for micron thickness.

Introducing the Athena Collection –
A versatile outdoor collection with 2 models,
4 mounting options and over 800 possibilities.

1 Mounting Options

Illuminate in any direction, with three types of Athena fixtures – surface mounted downlight and fixed one or fixed two wall light.

2 Catenary Mounting

The catenary accessory allows the Athena to be suspended from cables, perfect for public spaces and outdoor entertainment areas.

3 Simple installation

In addition to built-in DALI, the new system also allows separate installation of electric components and luminaires.

The Athena Collection comes with an extensive range of accessories and optics. See the images below to explore the Athena's beam output options.
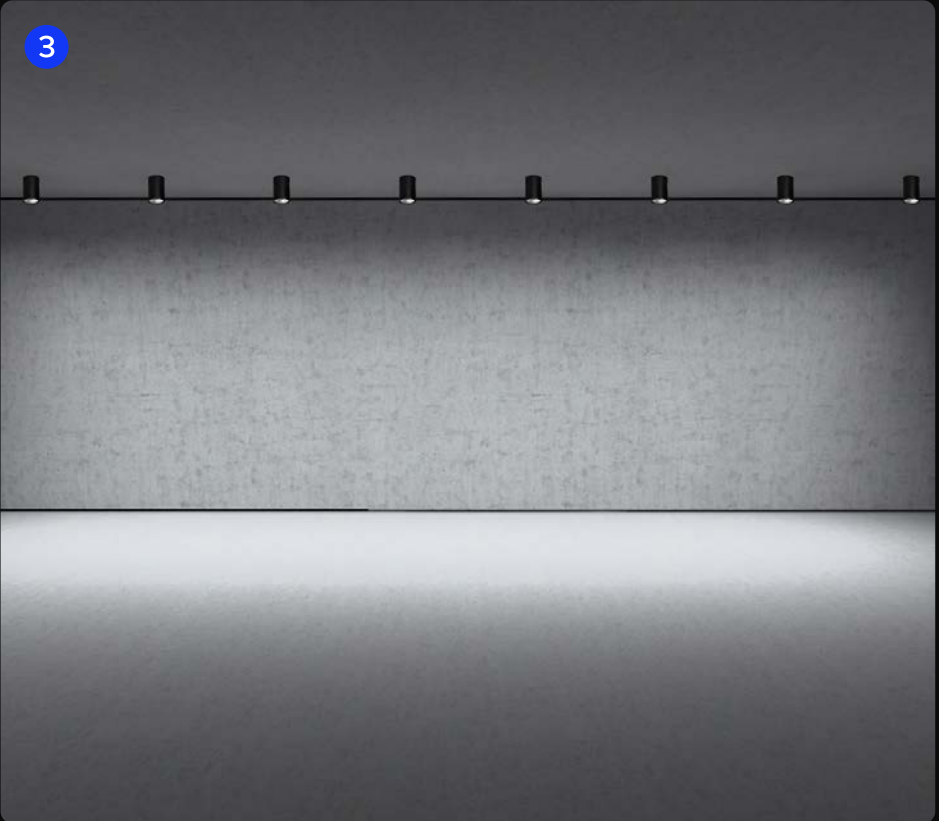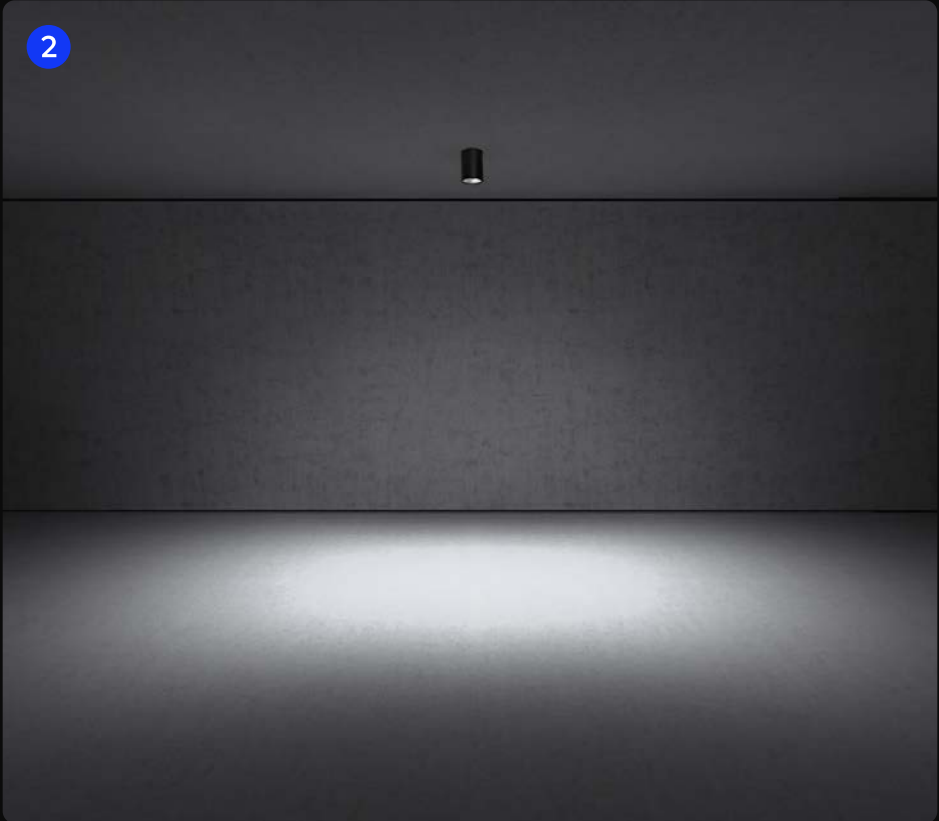
1 Standard

The Athena G2 Surface Mounted Downlight with a 36° beam output.

2 Elliptical

The Athena G2 Surface Mounted Downlight with the Linear Lens for a 30x70° elliptical beam output.

3 Wallwash

The Athena G2 Surface Mounted Downlight with the Asymmetrical Baffle for a 46° wall wash effect.

A meticulously engineered outdoor
luminaire range with industry leading
colour consistency and high resistance
to impact and corrosion.

SDCM≤2

Meets the industry's highest
standard for colour consistency
in LED lighting with SDCM≤2.

Built-in DALI

The integral DALI driver
simplifies cable installation
and individual luminaire control
making it highly convenient.

IK10

Built for resistance against high
impacts and vandalism, ideal for
public and open spaces.

IP66

Able to withstand water, dust and
high pressure jets which commonly
occurs in public facilities.

Up to UGR <10

A UGR range of <16 and <13
which can be further reduced
with additional accessories.

L90B10

Lasting quality assurance and
performance with lifetimes up
to >55,000h.

Starts with our product engineers and ends with the expert touch of our local fabricators, the Athena is crafted in Australia, for the Australian conditions and environments.

Crafted in Australia

A labour of love and light from Australia.

Australian customised and fabricated lighting in as little as 10 business days.

Find out more at:
unios.com/craftedinaus

800+ variations

With a wide range of accessories and beam options, the Athena Series allows up to 800+ customisable variations.

10 days assembly

With a fabrication facility and warehouse in Australia, the lead time for the Athena Series is reduced to as little as 10 days.

With two models, the Athena G2 and Athena Max, and up to four mounting options, this Collection is an outstanding contender for commercial lighting applications, thanks to its high performance and modern minimalistic design.

Athena G2

A versatile wall and ceiling light, equipped with the latest lens technology.

Lens technology   Forward throw   Wallwashing

Athena Max

A high output wall, ceiling and suspended light, designed for maximum output.

Catenary accessory   > 4100lm output

	Athena G2 Series	**Athena Max** Series
Types	Surface Mounted, Fixed One Wall, Fixed Two Wall	Surface Mounted, Fixed One Wall, Fixed Two Wall, Catenary
Power	18W, 28W	38W
Absolute Luminous Flux	1941–3346lm	3498–4148lm
Lumens per Watt	Up to 110	Up to 112
Beam Type	Standard, Linear, Asymmetrical	Standard, Linear
Beam Angle	15°, 36°, 60°	15°, 36°, 60°
UGR	Up to <10	Up to <13
Colour Temp	3000K, 4000K	3000K, 4000K
CRI (Ra/R9)	80+/>0	80+/>0
Colour Deviation	SDCM≤2	SDCM≤2
Lifetime	>55,000h L90B10	>55,000h L90B10
Accessories	Honeycomb Louvre, Linear Lens, Asymmetrical Baffle	Honeycomb Louvre, Linear Lens, Catenary Accessory
IK Rating	IK10	IK10
IP Rating	IP66	IP66
Driver	Built-in Flicker-Free Phase-cut, Built-in DALI, Bluetooth	Built-in Flicker-Free Phase-cut, Built-in DALI, Bluetooth
Warranty	5 years	5 years
Availability	Stocked, Crafted in Australia	Stocked, Crafted in Australia

There is more than one way to light up a pathway. With the addition of new optical accessories such as the Asymmetrical Baffle and Linear Lens, we have created a few recommended arrangements for your visual reference.

Legend

 Calculation Point

 Fixed One Wall

 Surface Mounted

Y Pathway Width

X Distance between luminaires

Z Wall offset

Illluminance (lux)

0 15 30 45 60 75 90 105 120
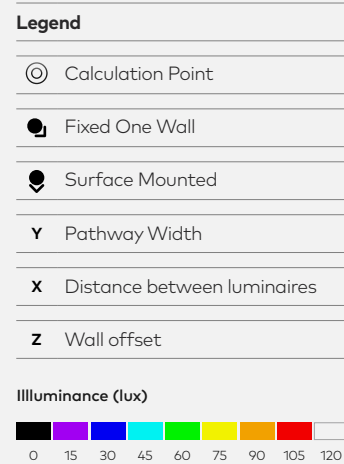
Wall Application
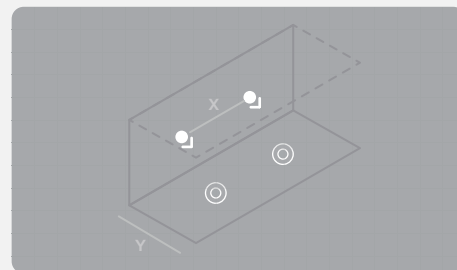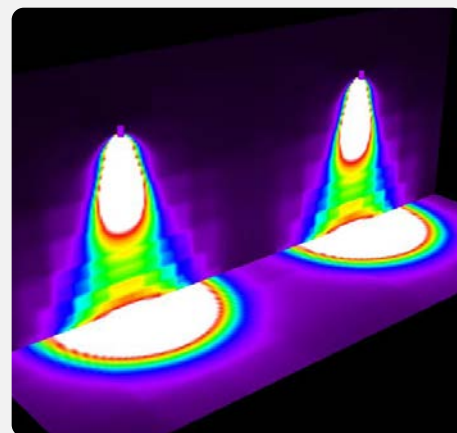
Optics	Standard
Type	Athena G2 Fixed One Wall Light
Beam Angle	36°
Pathway Width (Y)	3000mm
Mounting Height	3000mm
Luminaire Spacing (X)	5000mm
Average Illuminance	39lx
Minimum Illuminance	4.51lx
Uniformity	0.12
Calculation Grid	500x500mm

Asymmetrical Wall Application
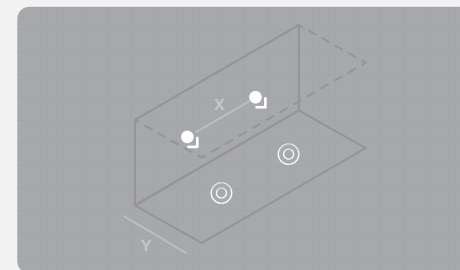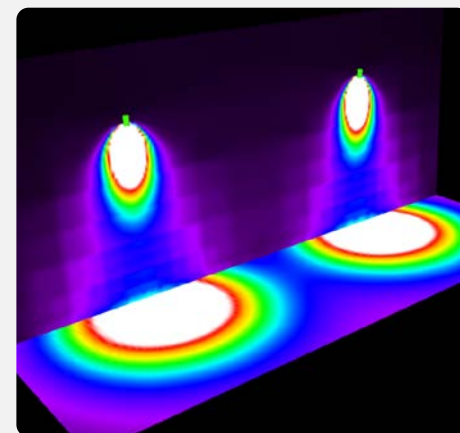
Optics	Asymmetrical Baffle
Type	Athena G2 Fixed One Wall Light
Beam Angle	36°
Pathway Width (Y)	3000mm
Mounting Height	3000mm
Luminaire Spacing (X)	5000mm
Average Illuminance	43lx
Minimum Illuminance	12lx
Uniformity	0.29
Calculation Grid	500x500mm

Ceiling Application
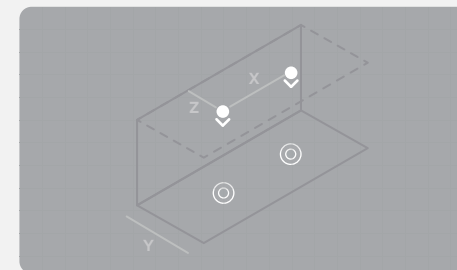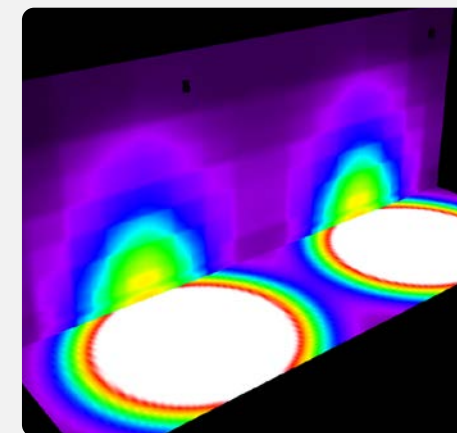
Optics	Standard
Type	Athena G2 Surface Mounted Wall Light
Beam Angle	36°
Pathway Width (Y)	3000mm
Mounting Height	4000mm
Wall Offset (Z)	1500mm
Luminaire Spacing (X)	5000mm
Average Illuminance	94lx
Minimum Illuminance	9.42lx
Uniformity	0.1
Calculation Grid	500x500mm

Ceiling Elliptical Application
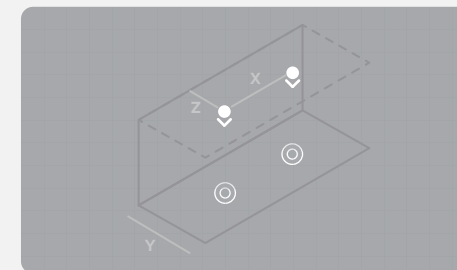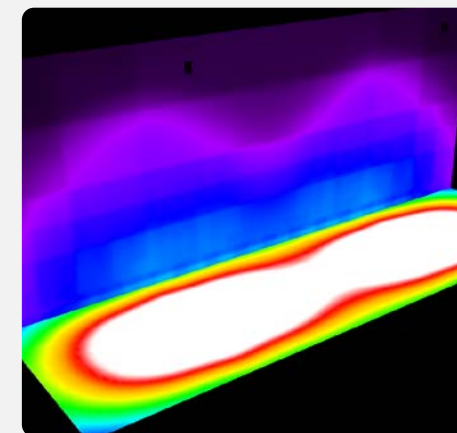
Optics	Linear Lens
Type	Athena G2 Surface Mounted Wall Light
Beam Angle	36°
Pathway Width (Y)	3000mm
Mounting Height	3000mm
Wall Offset (Z)	1500mm
Luminaire Spacing (X)	5000mm
Average Illuminance	89lx
Minimum Illuminance	58lx
Uniformity	0.65
Calculation Grid	500x500mm

Ceiling Wall Wash Application
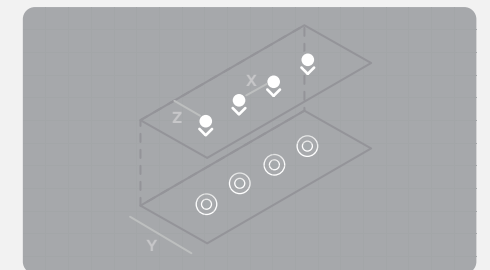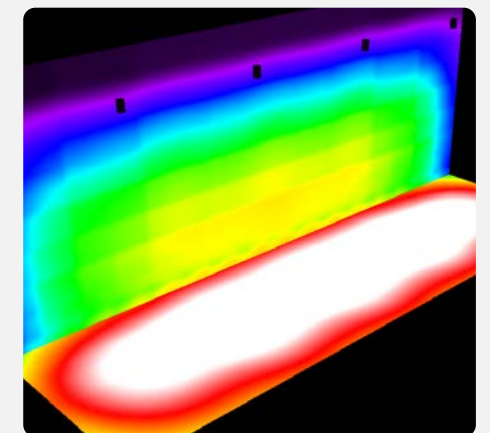
Optics	Asymmetrical Baffle
Type	Athena G2 Surface Mounted Wall Light
Beam Angle	36°
Pathway Width (Y)	3000mm
Mounting Height	3000mm
Wall Offset (Z)	2000mm
Luminaire Spacing (X)	2000mm
Average Illuminance	44lx
Minimum Illuminance	20lx
Uniformity	0.45
Calculation Grid	500x500mm

Surface Mounted	**Fixed One Wall**	**Fixed Two Wall**
Measurements (mm)	Measurements (mm)	Measurements (mm)

Ø 100	Ø 100	Ø 100
Absolute Luminous Flux	**Absolute Luminous Flux**	**Absolute Luminous Flux**
18W (500mA)	**18W (500mA)**	**28W (800mA)**
2077lm (at 3000K)	2077lm (at 3000K)	3309lm (at 3000K)
2101lm (at 4000K)	2101lm (at 4000K)	3346lm (at 4000K)
Beam	**Beam**	**Beam**
15° (P)	36° (M)	15° (P)	36° (M)	15° (P)	36° (M)
60° (W)	60° (W)	60° (W)
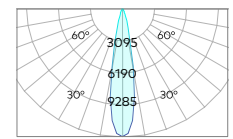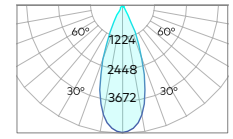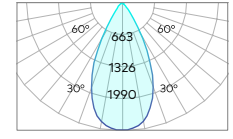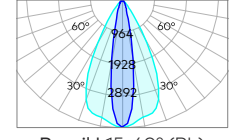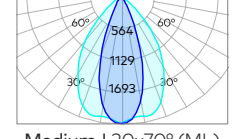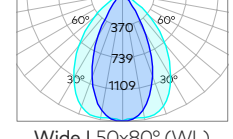
Finishes

Textured Black	▉
Textured White	▉

General Specifications

Material	Powder Coated Aluminium
UGR (Unified Glare Rating)	<13, <10
IP Rating	IP66
IK Rating	IK10
Warranty	5 Years

LED

Colour Temp	3000K, 4000K
CRI (Ra/R9)	80+/>0
Efficacy	Up to 110lm/W
Colour Deviation	SDCM≤2
Lifetime	>55,000h L90B10

Driver

240V Built-in Flicker-Free Phase-Cut Dimmable Driver (FP)
240V Built-in TCI DALI Driver (TCI)
240V Remote Tridonic basicDIM Bluetooth Driver (TB)

UGR <13 | UGR <10 | IP66 | IK10 | Bluetooth | ⏚ | ⚠

Accessories

Asymmetrical Baffle

Linear Lens

Honeycomb Louvre

Beam Options

Pencil | 15° (P)

Medium | 36° (M)

Wide | 60° (W)

Pencil | 15x60° (PL)

Medium | 30x70° (ML)

Wide | 50x80° (WL)

Athena Max

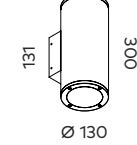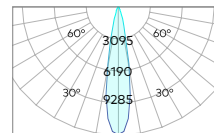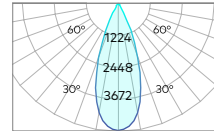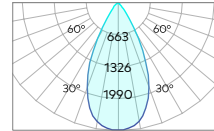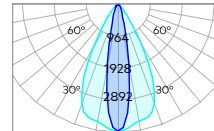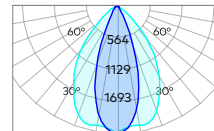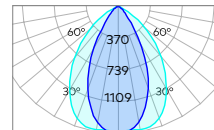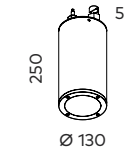## Surface Mounted

Measurements (mm)

250 · Ø 130

Absolute Luminous Flux

38W (1000mA)
3774lm (at 3000K)
3872lm (at 4000K)

Beam

15° (P) | 36° (M)
60° (W)

Fixed One Wall

Measurements (mm)

131 · 250 · Ø 130

Absolute Luminous Flux

38W (1000mA)
3774lm (at 3000K)
3872lm (at 4000K)

Beam

15° (P) | 36° (M)
60° (W)

Fixed Two Wall

Measurements (mm)

131 · 300 · Ø 130

Absolute Luminous Flux

38W (1000mA)
4042lm (at 3000K)
4148lm (at 4000K)

Beam

15° (P) | 36° (M)
60° (W)

Accessories

Linear Lens

Honeycomb Louvre

Beam Options

3095 / 6190 / 9285 — Pencil | 15° (P)

1224 / 2448 / 3672 — Medium | 36° (M)

663 / 1326 / 1990 — Wide | 60° (W)

964 / 1928 / 2892 — Pencil | 15x60° (PL)

564 / 1129 / 1693 — Medium | 30x70° (ML)

370 / 739 / 1109 — Wide | 50x80° (WL)

Finishes

Textured Black	■
Textured White	□

General Specifications

Material	Powder Coated Aluminium
UGR (Unified Glare Rating)	<16, <13
IP Rating	IP66
IK Rating	IK10
Warranty	5 Years

LED

Colour Temp	3000K, 4000K
CRI (Ra/R9)	80+/>0
Efficacy	Up to 113lm/W
Colour Deviation	SDCM≤2
Lifetime	>55,000h L90B10

Driver

240V Built-in Flicker-Free Phase-Cut Dimmable Driver (FP)

240V Built-in TCI DALI Driver (TCI)

240V Remote Tridonic basicDIM Bluetooth Driver (TB)

Athena Max — Catenary Light

Measurements (mm)

51 · 250 · Ø 130

Absolute Luminous Flux

38W (1000mA)
3774lm (at 3000K)
3872lm (at 4000K)

Beam

15° (P) | 36° (M) | 60° (W)

Weight

3.2kg

Accessories

Linear Lens

Honeycomb Louvre

Beam Options

3095 / 6190 / 9285 — Pencil | 15° (P)

1224 / 2448 / 3672 — Medium | 36° (M)

663 / 1326 / 1990 — Wide | 60° (W)

964 / 1928 / 2892 — Pencil | 15x60° (PL)

564 / 1129 / 1693 — Medium | 30x70° (ML)

370 / 739 / 1109 — Wide | 50x80° (WL)

Finishes

Textured Black	■

General Specifications

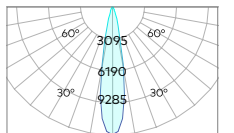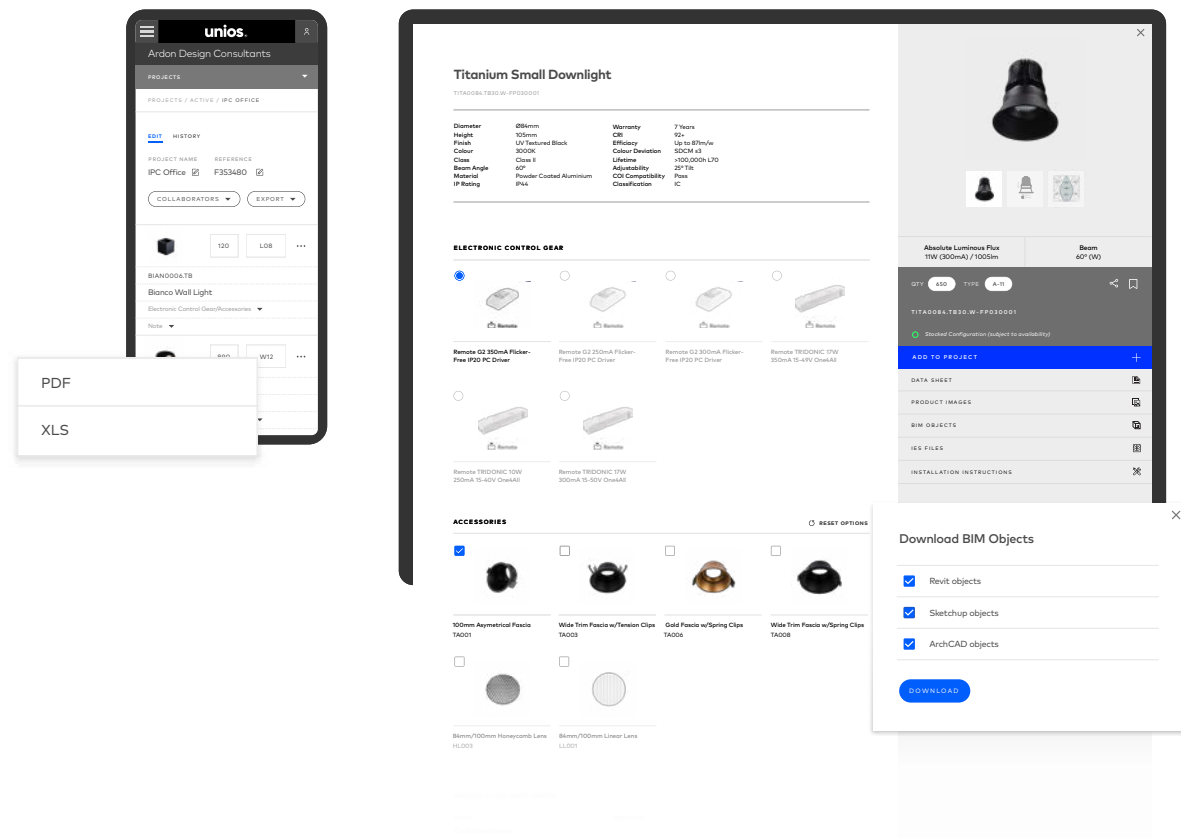|	
Material	Powder Coated Aluminium
Catenary Wire Size	Ø 6-12mm
Max Cable Size	Ø 13mm
UGR (Unified Glare Rating)	<16, <13
IP Rating	IP66
IK Rating	IK10
Warranty	5 Years

LED

Colour Temp	3000K, 4000K
CRI (Ra/R9)	80+/>0
Efficacy	Up to 110lm/W
Colour Deviation	SDCM≤2
Lifetime	>55,000h L90B10

Driver

240V Built-in Flicker-Free Phase-Cut Dimmable Driver (FP)

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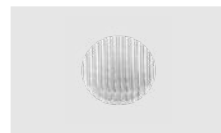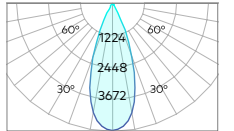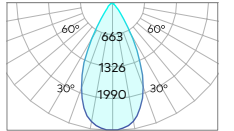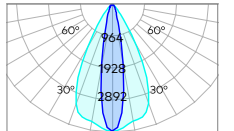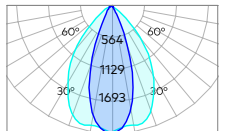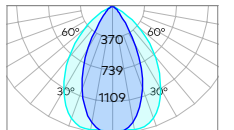
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With different design and performance criteria for every project, discovering and configuring the right luminaire needs to be a seamless process. With the Unios Toolbox, you can filter through thousands of variations in seconds.

Export customised PDF and Excel lighting schedules

Project lighting can quickly get complex and time-consuming. We've developed a suite of tools to allow you to build a luminaire schedule, export it in PDF or Excel formats and integrate it back into your own project workflow.

More data accessibility than ever before

BIM objects, IES files, customised data sheets and product images are all easily accessible for your project requirements. All product variations are presented with a holistic view of each data point and piece of documentation you may require.

Special Thanks

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For additional technical information and to access our full library, visit **unios.com**. Our library contains a comprehensive database of BIM objects, IES files and product imagery.

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