

UK MANUFACTURED

Mental Healthcare Lighting Solutions

British Manufacturer of Specialist Anti-Ligature, High-Impact & Tamper-Resistant Luminaires
Engineered for Safety, Comfort and Compliance in Mental Health Settings



LIGHT **HEAD**
YEARS

Working With Us

Light Years Ahead has been supplying specialist lighting solutions for the most demanding applications since 1997, becoming part of the wider Daro Group in 2017. Being within the Group brings benefits from a range of resources and symbiotic relationships for the benefit of organisations that we work with.

Working with us, you can be assured that we wholeheartedly listen to and understand your exact needs. Once we review your brief we're able to utilise our expertise to design, manufacture and deliver best-in-class products that match your budget.

Customer relationship is at the heart of everything we do. We target 100% on-time delivery, every time. We're able to achieve this by having robust, short supply chains and precise stock management. We aim to work to minimal lead times and typically deliver within weeks of receiving an order.



Part of Daro Group



trusted and agile

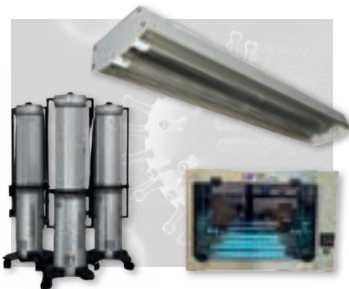


Daro Group's central business and manufacturing resources bring a full suite of support services, enabling the companies within the group to focus on delivering their core areas of expertise; allowing them and their customers to thrive.

Comprising of three production sites and over 50 staff, the combined strength of the group allows us to deliver on our core value: **You win, we win.**



Advanced UVC disinfection solutions for air, surfaces, and equipment to reduce infection risks in various sectors.



Providing high-performance UV light equipment to support safe, reliable, and effective workplace operations.



UV solutions for chemical-free water treatment across domestic, commercial and industrial sectors.



Engineering precision and manufacturing excellence across a diverse range of industries.



Water conservation with smart devices, including water leak detection & flow control products.



Technical Features

Throughout this brochure there are technical terms that Light Years Ahead use to define product performance and features. Below is an explanation of these features and performance indications.



Anti-Ligature

Products which have been tested to be vandal resistant with anti-ligature properties when installed correctly, providing very high levels of protection against self-harm or suicide attempts for service users.



Ligature Resistant

Products which have been tested to be vandal resistant with ligature resistant properties when installed correctly, providing high levels of protection against self-harm or suicide attempts for service users.



IK Rating

An international standard unit for classifying the force of impact that electrical enclosures can endure. IEC TR 62696:2011 is the report for lighting specifically. We have extrapolated the ratings beyond IK11 to allow for comparison between higher impact resistant.



Anti-Vandal

Products which exceed IK14 on our extrapolated impact test criteria are classed as 'anti-vandal'. This means they have excellent impact resistance to the lens and body of the product and can withstand prolonged or persistent attack.



Vandal Resistant

Products which are between IK10 and IK13 on our extrapolated impact test criteria are classed as 'vandal resistant'. This means they have good impact resistance to the lens and body of the product and can withstand intermittent or occasional attack.



IP Rating

IP (Ingress Protection) ratings indicate the level of protection an electrical enclosure provides against intrusion from solid objects (like dust) and liquids (like water), with the first digit representing solid protection and the second digit indicating liquid protection.



lm/W Rating

Lumens per watt (lm/W) measures the efficiency of a light source, indicating how much visible light (lumens) is produced for each watt of electrical power consumed. Considerable energy and cost savings can be made by installing efficient lighting.



Colour Temperature (CCT)

CCT, or Correlated Colour Temperature, refers to the colour appearance of a light source and is measured in Kelvin (K). Warmer colours tend to create a more relaxing atmosphere, while cooler colours can be more stimulating and conducive to focus.



Colour Rendering Index (CRI)

The Colour Rendering Index (CRI) measures how accurately a light source displays the colours of objects compared to natural daylight. Higher CRI values mean better colour rendering, potentially impacting mental health by reducing stress and improving mood.

Ligature Resistance Ratings Explained

In mental healthcare, product design must support both safety and therapeutic recovery.

At Light Years Ahead, our luminaires are specifically developed to help avoid opportunities for self-harm, while maintaining a calm, reassuring presence in the room. Every fitting is engineered with anti-ligature principles, avoiding points where cords or materials might be secured.

To ensure patient safety within a mental healthcare setting, our luminaires have been tested to provide very high levels of protection against self-harm or suicide attempts for service users.

Our anti-ligature and robustness test ratings are provided to support clinicians in choosing the right product and assessing the safety of a product.

Our products have been extensively tested, assessed and classified according to varying levels of risk, based on how possible it would be to obtain the tools to form a ligature anchor point and how effectively the product's design resists different forms of attack.

The scale and table below outlines our ligature grading system which has been used to test our mental healthcare product range to ensure service user safety. Based on Mental Healthcare Testing Guidelines, we've tested our luminaires extensively to assess and categorise them into different risk levels by evaluating ligature performance using cord diameter and weight.

Our approach recognises the spectrum of clinical risk that exists in different care settings. This ensures clinicians, estates teams, and specifiers can make appropriate product selections tailored to individual service user needs and levels of therapeutic support.

We believe that ligature-resistance should never compromise the aesthetic or therapeutic quality of a space. Our products are developed to support wellbeing by offering aesthetic designs, circadian support and are suitable for use in both high-risk and recovery-oriented environments.



	Tested to demonstrate that no ligature anchor point can support 20kg of weight					
Ligature forming tool	Not tested	Bedsheet/ towel/clothing	4mm diameter wire/cord	2mm diameter wire/cord	1mm diameter wire/cord	0.5mm diameter wire/cord
Ligature resistance rating	LR0	LR1	LR2	LR3	LR4	LR5

“Spaces where patients may not be continually supervised or observed by staff (for example bedrooms and toilets) should be considered high-risk areas and designed, constructed and furnished to minimise the opportunity for self-harm...

... All fixtures and fittings in the service such as window and door furniture, door closers and hinges, taps, showerheads, and coat hooks should be anti-ligature and meet national safety requirements.”

- Environmental Design Guide, Adult Medium Secure Services

IK Ratings Explained (Impact Resistance)

Robustness is extremely important in mental healthcare environments. At Light Years Ahead, we ensure the entire luminaire is fully robust with dedicated IK testing so that service users cannot damage the product to gain access to parts of the luminaire that may cause harm.

Robustness isn't just about durability, it's about preventing damage that could lead to new risks, such as exposed wiring, sharp edges, or potential weaponisation of broken parts. All of our products contain tamper-proof screws to further reduce any risk.

IK Rating (Impact Protection) is an international standard unit for classifying electrical enclosures, including lighting, and the force of impact that they can endure.

Outlined by the IEC (International Electrotechnical Commission) regarding electrical enclosures in general in IEC 62262:2002 and mirrored by BS EN 62262, with further clarification specifically for luminaires (lighting) in IEC TR 62696:2011, this creates a standardised framework to indicate how impact-resistant light fittings are.

The IK rating comes from testing with a blunt object at increasingly higher energy impacts. This test is typically conducted by using a weighted object and gravity to apply the force in an easily measurable and repeatable manner.

The vertical hammer IK test technique adheres to EN/IEC 60068-2-75 standard. This is the method that Light Years Ahead uses to IK test all of the light fittings designed, manufactured and assembled in-house at our UK facilities.

The standard scale runs from IK00 (no protection) to IK11, which represents 50 Joules of energy for the impact. This is the maximum that the standards give guidelines for. Over time, we have seen that an IK11 rating often falls short when it comes to withstanding levels of physical force our luminaires can encounter in real-world environments. To address this, we've extended testing well beyond the standard limits of IK11, reaching up to IK22.

Find out more about IK testing and our process by scanning this code or visiting:

lya.co.uk/ik-ratings

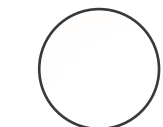


Colours and Customisation

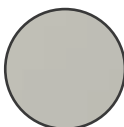
As part of our commitment to patient-centred design, we offer a selection of durable, high-quality paint options that help our luminaires fit naturally into a variety of care environments.

Our finish options include both standard and soft, pastel tones chosen to promote a sense of calm, reduce visual stress, and help define spaces without being overwhelming. These colours have been selected to support safe, non-institutional design in mental health spaces.

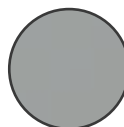
Additional RAL colours may be available on request to suit project branding, ward differentiation, or way-finding strategies.



RAL9003
White
(Standard interior)



RAL9002
Grey White



RAL7035
Light Grey



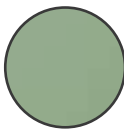
RAL7016
Anthracite



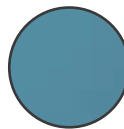
RAL9005
Black
(Standard exterior)



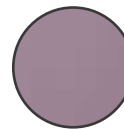
RAL6034
Pastel Turquoise



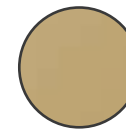
RAL6019
Pastel Green



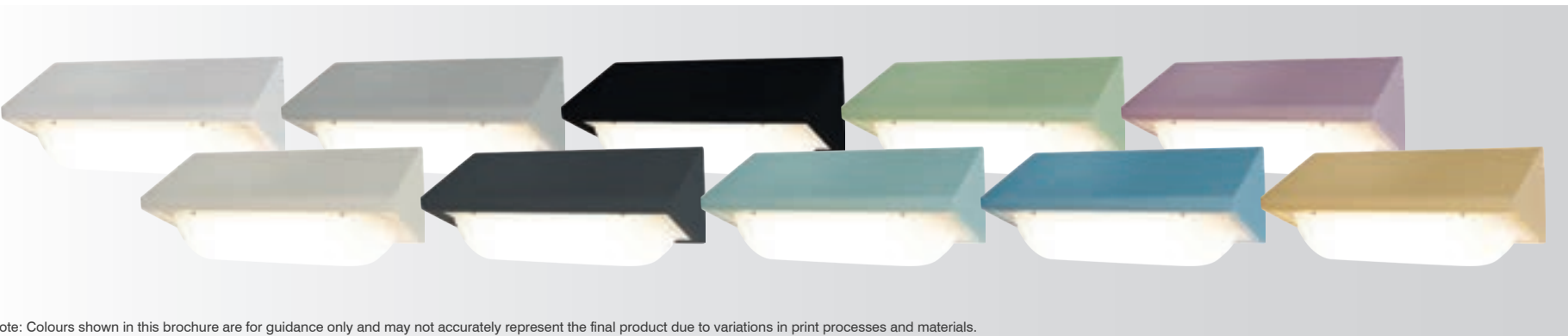
RAL5024
Pastel Blue



RAL4009
Pastel Violet



RAL1034
Pastel Yellow



Please note: Colours shown in this brochure are for guidance only and may not accurately represent the final product due to variations in print processes and materials.

Readalux Bulkhead
shown, for further
details scan here



Best Practice in Mental Healthcare Lighting

As a leading specialist designer and manufacturer of mental healthcare lighting, we understand the exacting needs of your demanding environment.

Understanding that well-being and rehabilitation are important elements of the mental healthcare experience means our safety considerations are balanced with design and development for future needs.

Light Years Ahead works with you to ensure that your lighting does not contribute to abuse or self-harm and that fittings cannot result in burns or other accidents or incidents.

Lighting in mental healthcare settings plays a crucial role in patient well-being, staff efficiency, and overall safety. Thoughtful lighting design can support circadian rhythms, reduce distress, and create a therapeutic environment. Here are some key considerations:

Minimise Night-time Disturbance

Staggered corridor lighting, positioned away from doors to reduce light spill during night checks.

Dimmable and low-level lighting to minimise disruption, while ensuring staff retain visibility.

Appropriate Light Levels

200 lux baseline in patient areas for comfort and functionality.

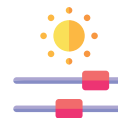
300–500 lux for staff areas requiring detailed work.

Circadian Lighting for Well-being

Tunable lighting shifts from cool (daytime) to warm (evening) to aid sleep cycles.

Maximise daylight exposure in communal spaces for natural recovery benefits.

We can go beyond this with MelaGen technology, enriching or depleting specific frequencies of blue light. Further details on this system are on the following page.



Glare & Visual Comfort

Indirect, diffused lighting reduces glare and sensory distress.

Matte finishes prevent harsh reflections.



Emergency and Way-Finding Lighting

Non-intrusive emergency lighting ensures compliance without disturbing sleep. Soft, continuous way-finding lights prevent over-stimulation.



Colour & Mood Influence

Warm, neutral tones in patient spaces fosters calmness.

Personal lighting control (where safe) promotes autonomy and well-being.



Quality and Compliance

Luminaires should allow for easy maintenance or replacement without damaging the building structure. Light Years Ahead's quality standards are supported by ISO 9001:2015 and ISO 14001:2015 certifications, and products adhere to BS EN 60598.





Better sleep, calmer days, brighter care

MelaGen is an innovative lighting solution, designed to support circadian health through targeted wavelength control. Unlike generic tunable lighting, MelaGen focuses on biologically-effective spectral output, enriching or reducing specific wavelengths to align with the body's natural rhythms.



An optional extra within select luminaires, such as the Lucca and Como ranges, the MelaGen internal electronics work with widely used control systems like DALI or with Casambi controls. The result is a discreet but highly effective way to support healthier sleep cycles and calmer daytime behaviour in mental healthcare settings. **Scan the QR code to the left, or visit www.lya.co.uk/melagen for full details.**

Human-Centric Lighting

Primary Focus

The control and/or regulation of colour temperature (purely aesthetic)

Mimics the changing colour temperature of daylight.
(Non-visible blue light is still present)

- ✗ Limited influence on melatonin levels
- ✗ Limited impact upon alertness and sleep

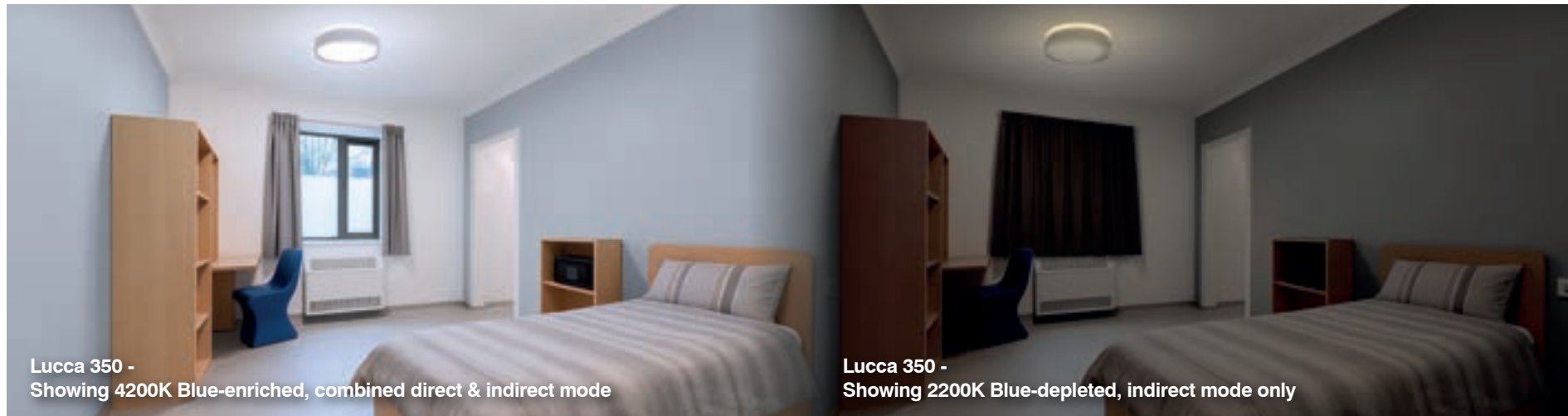


Primary Focus

The control and regulation of blue light frequencies (480-490nm) while maintaining high CRI (>90)

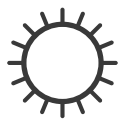
As well as mimicking daylight colour change, also mimics the brain's 'master clock' circadian response to:

- ✓ Wakefulness during daytime (high blue light)
- ✓ Sleep during the evening (depleted blue light)



Lucca 350 -
Showing 4200K Blue-enriched, combined direct & indirect mode

Lucca 350 -
Showing 2200K Blue-depleted, indirect mode only



Day

Blue-enriched light promotes alertness and wakefulness



Night

Blue-depleted light promotes better quality sleep

Lucca VLR

Vandal & Ligature Resistant Multi-Mode Bulkhead

Compatible with:



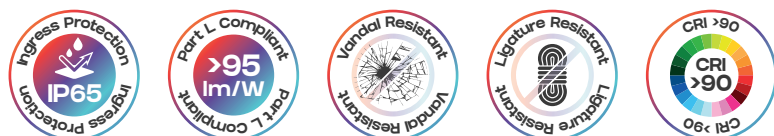
Dimensions

Lucca 350: ø360 x H95mm
Lucca 250: ø260 x H95mm

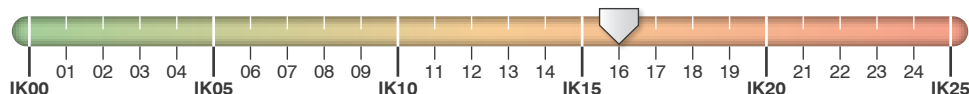
Output Colour Temperatures

MelaGen
 3000K
 4000K
 5000K

Performance



Vandal Resistance



Ligature Resistance



Ideal for bedrooms, en-suites, corridors and stairwells, the Lucca VLR bulkhead combines durability with functionality. With CRI>90 and MelaGen compatibility, it provides superior light quality where it's most needed.

A 6mm polycarbonate lens is secured by Resistorx tamper-proof screws into a tough die-cast aluminium body.

Available in 265mm (250 model) or 365mm (350 model) diameters, with the larger Lucca 350 variant offering MelaGen compatibility, the Lucca features two LED arrays enabling three distinct lighting modes; direct, indirect, or combined allowing different moods and activity suitability, without the need for multiple fittings.

Product Code	Diameter (mm)	Lumens (lm)	Wattage (W)
LUC-AV-350-MG	360	Variable	Variable
LUC-AV-350-L2-4K	360	1497	16.0
LUC-AV-350-L5-4K	360	2138	23.0
LUC-AV-350-L9-4K	360	3324	36.0
LUC-AV-250-L2-4K	260	1497	15.0
LUC-AV-250-L5-4K	260	2138	22.0
LUC-AV-250-L7-4K	260	2993	30.0

For more information please visit:



Como VLR

Vandal & Ligature Resistant Recessed Downlight



The Como VLR downlight is designed for use in bedrooms, en-suite bathrooms, corridors and staff areas, where secure, discreet lighting is essential. With a recessed, low-profile body and robust materials, it offers reliable anti-vandal performance without compromising on aesthetics.

A clear 6mm polycarbonate lens is housed within a die-cast aluminium body and secured using Resistorx tamper-proof screws. Its compact form factor makes it ideal for areas requiring subtle, tamper-resistant illumination that blends seamlessly into its surroundings.

Dimensions

Como AV200: ø225 x H125mm inc. body
 Como AV150: ø200 x H80mm inc. body
 Como AV100: ø150 x H70mm inc. body

Output Colour Temperatures

MelaGen

3000K

4000K

5000K

Performance

Ingress Protection

IP65

Ingress Protection

Part L Compliant

Part L Compliant

Ligature Resistant

Ligature Resistant

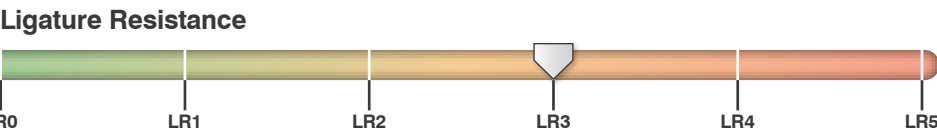
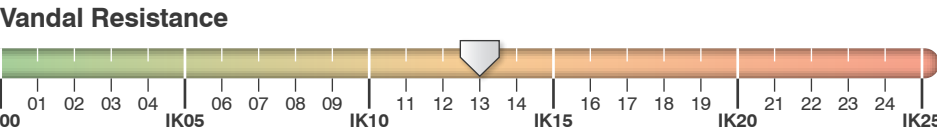
Vandal Resistant

Vandal Resistant

CRI >90

CRI >90

CRI >90



Product Code	Diameter (mm)	Lumens (lm)	Wattage (W)
COM-AV-200-MN-4K	225	756	7.5
COM-AV200-L5-4K	225	1914	19.0
COM-AV-200-MX-4K	225	3285	35.0
COM-AV-150-MN-4K	200	811	7.5
COM-AV-150-L5-4K	200	2108	21.0
COM-AV-150-L7-4K	200	2854	29.0
COM-AV-100-MN-4K	150	658	7.5
COM-AV-100-L5-4K	150	1629	18.5

For more information please visit:

Iris VLR

Vandal & Ligature Resistant Circular Bulkhead



Dimensions

ø350 x H120mm

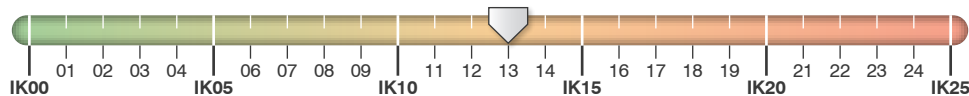
Output Colour Temperatures

3000K 4000K 5000K

Performance



Vandal Resistance



Ligature Resistance



Well-suited to corridors, stairwells and day rooms, the Iris VLR offers robust construction in a compact circular form. Designed to withstand tampering and abuse, it provides consistent, diffuse light output.

The unit incorporates a 3mm opal polycarbonate lens secured with Resistorx screws and housed within a cast aluminium enclosure. Ideal for areas where safety, simplicity and performance are essential.

Product Code	Lumens (lm)	Wattage (w)
IRS-VLR-L1-4K	1151	9.0
IRS-VLR-L3-4K	1703	13.0
IRS-VLR-L5-4K	2236	18.0
IRS-VLR-L7-4K	2742	22.0
IRS-VLR-L9-4K	3602	30.0

For more information please visit:



Iris Anti-Ligature

Circular Bulkhead



Dimensions

ø470 x H125mm

Output Colour Temperatures



3000K



4000K

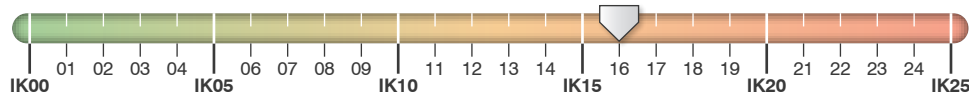


5000K

Performance



Vandal Resistance



Ligature Resistance



Suitable for bedrooms, en-suites, corridors and staff areas, the Iris Anti-Ligature offers a compact form with excellent durability. Designed to minimise ligature risks and withstand vandalism, its smooth profile avoids viable ledges for tampering.

Constructed with a 3mm opal polycarbonate lens and secured with Resistorx tamper-proof screws into a cast aluminium body, the Iris provides reliable illumination in challenging environments.

Product Code	Lumens (lm)	Wattage (W)
IRS-AL-L1-4K	1151	9.0
IRS-AL-L3-4K	1703	13.0
IRS-AL-L5-4K	2236	18.0
IRS-AL-L7-4K	2742	22.0
IRS-AL-L9-4K	3602	30.0

For more
information
please visit:



Resistalux Anti-Ligature

Low-Profile Linear Luminaire

Compatible with:



Suitable for bedrooms, en-suites, corridors and staff areas, the Resistalux Anti-Ligature offers a shallow form with excellent durability. Designed to minimise ligature risks and withstand vandalism, its smooth profile avoids viable ledges for tampering or levering.

Constructed with a 3mm opal polycarbonate lens and die-cast aluminium end caps, secured with Resistox tamper-proof screws into an extruded aluminium body, the Resistalux Anti-Ligature provides reliable illumination in challenging environments.

Dimensions

L300/600/900/1200/1500 x W250 x H75mm

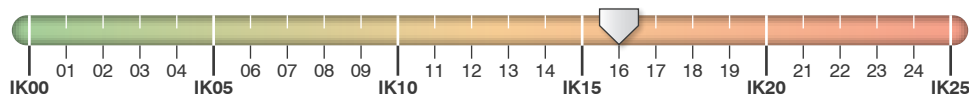
Output Colour Temperatures

 MelaGen
  3000K
  4000K
  5000K

Performance



Vandal Resistance



Ligature Resistance



Product Code	Lumens (lm)	Wattage (w)
RSTAL-300-L5-4K	1310	11
RSTAL-600-L4-4K	2407	20
RSTAL-900-L4-4K	3610	30
RSTAL-1200-L4-4K	4814	37
RSTAL-1500-L4-4K	6017	47

For more information please visit:



Resistalux Cornice Slim

Low-Profile Cornice Luminaire



Suitable for bedrooms, en-suites, corridors and staff areas, the Resistalux Cornice Slim offers an elegant solution with excellent durability. Designed to minimise ligature risks and withstand vandalism, its smooth profile avoids viable ledges for tampering or levering.

Constructed with a 3mm opal polycarbonate lens and die-cast aluminium end caps, secured with Resistalux tamper-proof screws into an extruded aluminium body, the Resistalux Cornice Slim provides reliable illumination in challenging environments.

Dimensions

L300/600/900/1200/1500 x D85 x H85mm

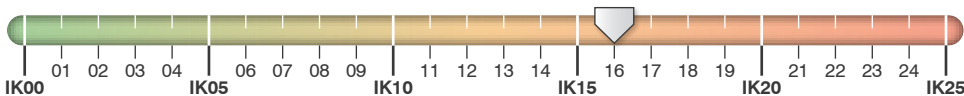
Output Colour Temperatures

MelaGen
 3000K
 4000K
 5000K

Performance



Vandal Resistance



Ligature Resistance



Product Code	Lumens (lm)	Wattage (W)
RSTCS-300-L5-4K	1310	11
RSTCS-600-L2-4K	1962	16
RSTCS-900-L2-4K	2943	24
RSTCS-1200-L2-4K	3924	30
RSTCS-1500-L2-4K	4905	37

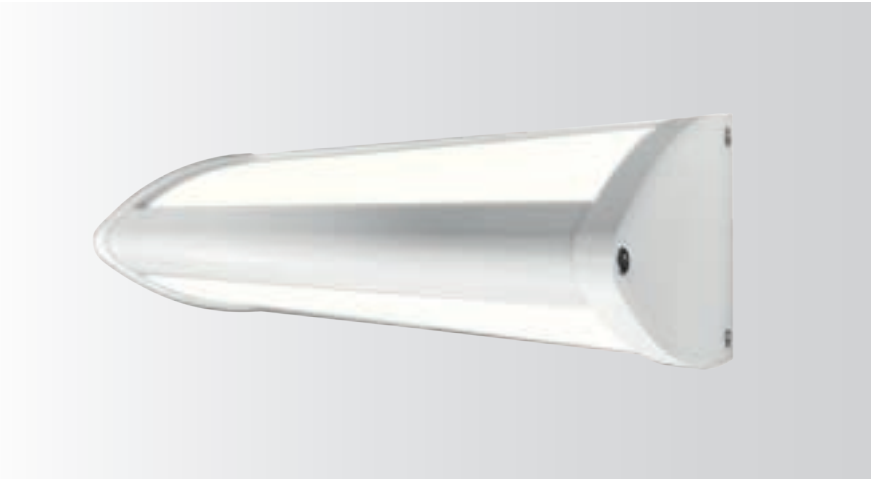
For more
information
please visit:



Resistalux Bedhead / Wall Mount

Surface-Mounted Uplight & Downlight Bedhead Luminaire

Compatible with:



Suitable for bedrooms, en-suites, corridors and staff areas, the Resistalux Bedhead / Wall Mount offers a stylish slim solution with excellent durability. Designed to minimise ligature risks and withstand vandalism, its smooth profile avoids viable ledges for tampering. Downwards, upwards, or a combination of lighting effects are available including MelaGen and RGB output.

Constructed with a 3mm opal polycarbonate lens and die-cast aluminium end caps, secured with Resistox tamper-proof screws into an extruded aluminium body, the Resistalux Bedhead / Wall Mount provides reliable illumination in challenging environments.

Dimensions

L300/600/900/1200/1500 x D100 x H90mm

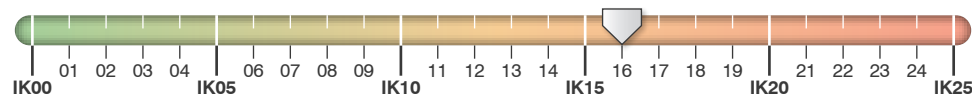
Output Colour Temperatures

MelaGen
 3000K
 4000K
 5000K

Performance



Vandal Resistance



Ligature Resistance



Product Code	Lumens (lm)	Wattage (w)
RSTWM-D-300-L5-4K	1310	11
RSTWM-D-600-L2-4K	1962	16
RSTWM-D-900-L2-4K	2943	24
RSTWM-D-1200-L2-4K	3924	30
RSTWM-D-1500-L2-4K	4905	37

For more information please visit:



Guidelux Low Level

Recessed Way-Finding Luminaire



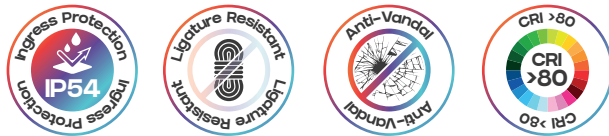
Dimensions

H100 x W100 x D50mm (including recessed body)

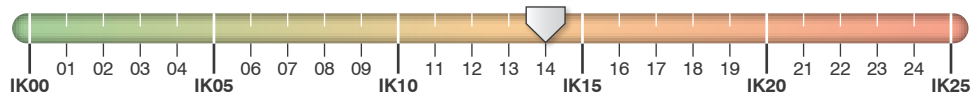
Output Colour Temperatures

3000K

Performance



Vandal Resistance



Ligature Resistance



Suitable for bedrooms, en-suites, corridors and staff areas, the Guidelux Low Level offers a discrete solution for guiding service users and staff around at night. Designed to minimise ligature risks and withstand vandalism, its smooth profile avoids viable ledges for tampering.

Constructed with a 3mm polycarbonate lens is secured with Resistorx tamper-proof screws into an aluminium body, the Guidelux provides reliable illumination in challenging environments.

Product Code

GLL-3K

Lumens (lm)

80

Wattage (w)

2.2

For more information please visit:



Lucca Anti-Ligature

Multi-Mode Circular Bulkhead

Compatible with:



Dimensions

Lucca 350: ø365 x H95mm
Lucca 250: ø265 x H95mm

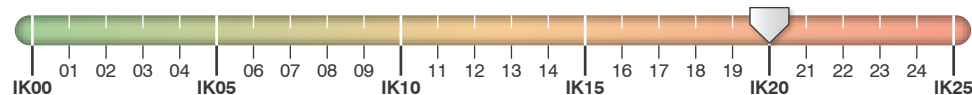
Output Colour Temperatures

MelaGen
 3000K
 4000K
 5000K

Performance



Vandal Resistance



Ligature Resistance



Ideal for bedrooms, en-suite bathrooms, and washrooms, the Lucca Anti-Ligature bulkhead combines understated style with secure performance. Designed for anti-ligature and anti-vandal applications, it is also MelaGen system compatible.

A robust 8mm polycarbonate lens is fixed using Resistorx tamper-proof screws, housed within a heavy gauge die-cast aluminium body for maximum durability.

Available in 265mm or 365mm diameters, with the larger Lucca 350 variant offering MelaGen compatibility, the Lucca features two LED arrays enabling three distinct lighting modes; direct, indirect, or combined. This gives the ability to change the entire mood and purpose of the lighting, without the need for multiple fittings.

Product Code	Diameter (mm)	Lumens (lm)	Wattage (W)
LUC-AL-350-MG	360	Variable	Variable
LUC-AL-350-L2-4K	360	1497	16.0
LUC-AL-350-L5-4K	360	2138	23.0
LUC-AL-350-L9-4K	360	3324	36.0
LUC-AL-250-L2-4K	260	1497	15.0
LUC-AL-250-L5-4K	260	2138	22.0
LUC-AL-250-L7-4K	260	2993	30.0

For more information please visit:



Como Anti-Ligature

Recessed Downlight

Compatible with:



Dimensions

Como AL200: ø250 x H125mm inc. body
 Como AL150: ø225 x H80mm inc. body
 Como AL100: ø175 x H70mm inc. body

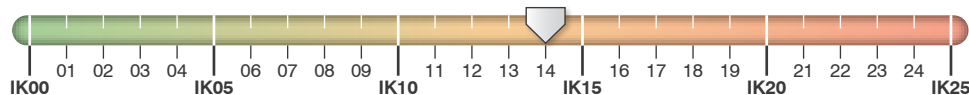
Output Colour Temperatures



Performance



Vandal Resistance



Ligature Resistance



Designed for discreet use in bedrooms, bathrooms and circulation areas, the Como Anti-Ligature downlight delivers effective lighting with minimal visual intrusion. The recessed, low-profile body resists both ligature and vandal risks.

It features a 6mm clear polycarbonate lens secured into a die-cast aluminium housing with Resistorx tamper-proof fixings. Its unobtrusive form makes it ideal for locations requiring secure yet sympathetic architectural integration.

Product Code	Diameter (mm)	Lumens (lm)	Wattage (W)
COM-AL-200-MN-4K	250	756	7.5
COM-AL-200-L5-4K	250	1914	19.0
COM-AL-200-MX-4K	250	3285	35.0
COM-AL-150-MN-4K	225	811	7.5
COM-AL-150-L5-4K	225	2108	21.0
COM-AL-150-L7-4K	225	2854	29.0
COM-AL-100-MN-4K	175	658	7.5
COM-AL-100-L5-4K	175	1629	18.5

For more information please visit:



Iris ALX

Anti-Ligature Anti-Vandal Circular Bulkhead



Dimensions

ø470 x H125mm

Output Colour Temperatures



3000K



4000K

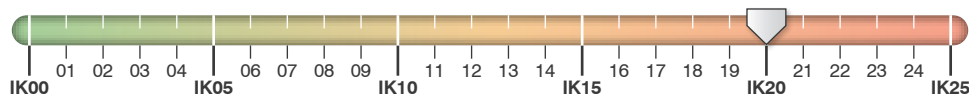


5000K

Performance



Vandal Resistance



Ligature Resistance



Suitable for bedrooms, en-suites, corridors and staff areas, the Iris Anti-Ligature X offers a compact form with excellent durability. Designed to minimise ligature risks and withstand sustained vandalism, its smooth profile avoids viable ledges for tampering.

Constructed with a 6mm opal polycarbonate lens and secured with Resistorx tamper-proof screws into a thick steel body, the Iris provides reliable illumination in challenging environments.

Product Code	Lumens (lm)	Wattage (w)
IRS-ALX-L1-4K	1151	9.0
IRS-ALX-L3-4K	1703	13.0
IRS-ALX-L5-4K	2236	18.0
IRS-ALX-L7-4K	2742	22.0
IRS-ALX-L9-4K	3602	30.0

For more
information
please visit:



Readalux X Surface

Bedhead Luminaire



The Readalux X Surface is designed specifically for use as a bedhead reading light in mental health settings, offering focused illumination with robust safety features. Its compact design delivers a calming, warm white light (3000K) ideal for patient use, without compromising security or durability.

Built with a 1.5mm zinc-coated steel body and fitted with a 6mm opal polycarbonate LED lens, the fitting is both anti-vandal and ligature resistant. Resistorx tamper-proof screws ensure secure installation, making the Readalux an ideal choice for safe, comfortable night-time lighting.

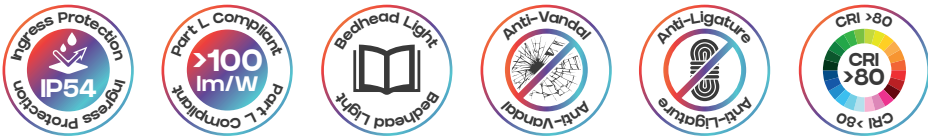
Dimensions

W220 x H240 x D90mm

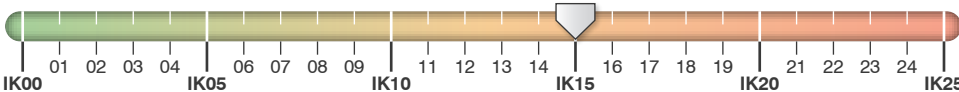
Output Colour Temperatures

3000K 4000K 5000K

Performance



Vandal Resistance



Ligature Resistance



Product Code	Lumens (lm)	Wattage (w)
READX-L4-3K	500	5
READX-L6-3K	700	7
READX-L8-3K	900	9
READX-MX-3K	1100	11

For more
information
please visit:



Sirius Panel and Surface

Recessed or Surface Panel Luminaire



Dimensions

Sirius Panel: L600 x W600 x H90mm inc. body
Sirius Surface: L625 x W625 x H90mm

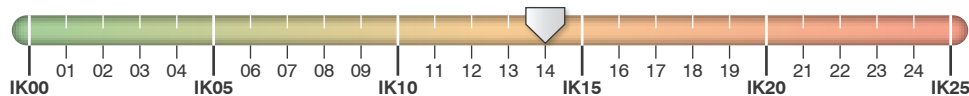
Output Colour Temperatures

3000K 4000K 5000K

Performance



Vandal Resistance



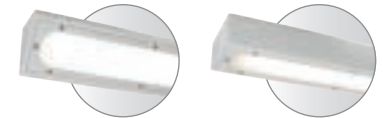
Ligature Resistance



Designed for meeting rooms, consultation areas and communal spaces, the Sirius Panel offers versatile installation in either recessed or surface configurations. Its robust construction and secure installation make it both anti-vandal and ligature resistant, ideal for safer public or semi-supervised environments.

A 4mm LED micro-prism polycarbonate lens ensures effective light diffusion while resisting impact and tampering. The panel is secured with Resistorx tamper-proof screws and manufactured from 1mm zinc-coated mild steel with a white powder-coated finish. The frame is reinforced using 1.5mm (16swg) steel for enhanced rigidity, offering long-lasting structural integrity in high-use areas.

Linear and Cornice versions also available, enquire for further details



Product Code	Model	Lumens (lm)	Wattage (W)
SIR-6X6-L2-4K-OP	Panel	2453	20
SIR-6X6-L5-4K-MP	Panel	3315	30
SIR-6X6-L9-4K-MP	Panel	4803	44
SIRS-6X6-L2-4K-OP	Surface	2453	20
SIRS-6X6-L5-4K-MP	Surface	3315	30
SIRS-6X6-L9-4K-MP	Surface	4803	44

For more information please visit:



Surface



Panel

Guardian Surface

High Risk Linear Luminaire



Twin lens fitting for high risk environments that combines a strong but low profile, with fantastic light output and distribution. Available in a variety of lengths to suit your particular application.

10mm composite polycarbonate lens secured by tamper-proof Resistorx security screws into 2.5mm mild steel powder coated lens frame help prevent self-harm and protect against vandalism or access to the internal electronics.

Dimensions

L390/660/1000 x D230 x H95mm

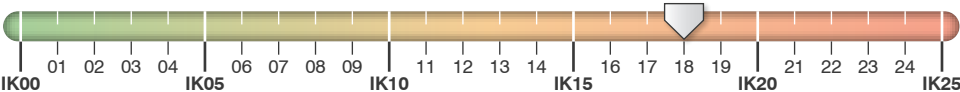
Output Colour Temperatures

3000K 4000K 5000K

Performance



Vandal Resistance



Ligature Resistance



Product Code	Length (mm)	Lumens (lm)	Wattage (W)
GDNX-1000-SW-3K-NL	1000	3864	27
GDNX-660-SW-3K-NL	660	3820	31
GDNX-390-L5-3K	390	2158	14

For more information please visit:



Protectalux® X Round Bulkhead

High Risk Bulkhead Luminaire



Dimensions

ø460mm (ø563mm inc. cover band) H124mm

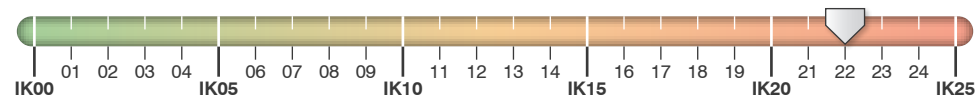
Output Colour Temperatures

3000K 4000K 5000K

Performance



Vandal Resistance



Ligature Resistance



For use in high risk areas such as the most vulnerable service users bedrooms and en-suite bathrooms. The Protectalux X Round Bulkhead offers the highest level of ligature and impact protection for maximum peace of mind.

An 8mm opal polycarbonate lens secured by tamper-proof Resistorex security screws and 3.0mm mild steel powder coated (RAL 9003) protective cover band secured by sleeve anchors help to prevent self-harm and protect against vandalism or access to the internal electronics.

Product Code	Lumens (lm)
PRBX-L5-3K	1931
PRBX-L6-3K	2254
PRBX-L7-3K	2771
PRBX-L8-3K	3117

For more
information
please visit:



Protectalux® XS Cornice

High Risk Cornice Luminaire



Dimensions

L700/1000/1300/1600 x D185 x H185mm

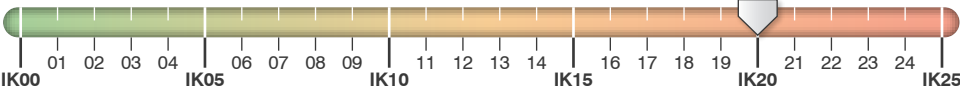
Output Colour Temperatures

3000K 4000K 5000K

Performance



Vandal Resistance



Ligature Resistance



For use in high risk areas such as the bedrooms of the most vulnerable service users, as well as corridors and general communal areas. The Protectalux XS Cornice offers the highest level of ligature protection and is one of the highest impact protection tested luminaires.

A 10mm opal polycarbonate lens secured by tamper-proof Resistorx security screws into a 2mm mild steel powder coated lens frame and lid help prevent self-harm and protect against vandalism or access to the internal electronics.

Product Code	Length (mm)	Lumens (lm)	Wattage (W)
PRCXS-700-L0-3K	700	999	9
PRCXS-700-L8-3K	700	2932	29
PRCXS-1000-L2-3K	1000	2256	21
PRCXS-1000-L8-3K	1000	4398	44
PRCXS-1300-L2-3K	1300	3008	28
PRCXS-1300-L8-3K	1300	5864	58
PRCXS-1600-L2-3K	1600	3760	35
PRCXS-1600-L8-3K	1600	7330	73

For more information please visit:



Sentry Bedhead

High Risk Bedhead Luminaire



Dimensions

W390 x H195 x D65mm

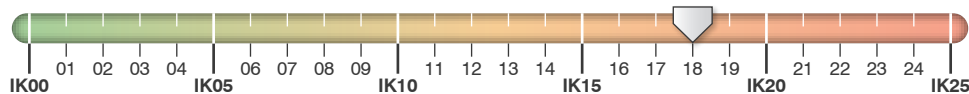
Output Colour Temperatures

3000K 4000K 5000K

Performance



Vandal Resistance



Ligature Resistance



Bedhead luminaire for high risk environments that combines a strong but low profile, with fantastic light output and distribution.

10mm composite polycarbonate lens secured by tamper-proof Resistorx security screws into 2.5mm mild steel powder coated lens frame help prevent self-harm and protect against vandalism or access to the internal electronics.

Product Code	Lumens (lm)	Wattage (w)
SEN-L4-3K	500	5
SEN-L6-3K	700	7
SEN-L8-3K	900	9
SEN-MX-3K	1100	11

For more
information
please visit:



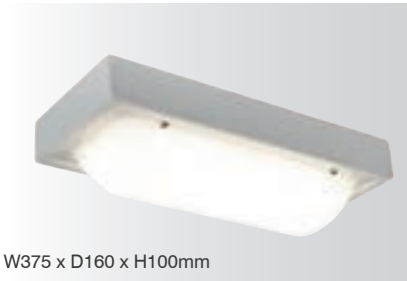
Emergency Lighting

Effective way-finding even with power loss

Emergency lighting in mental healthcare environments must ensure safe movement, staff response, and clinical care during power loss, while maintaining a calming and unobtrusive presence. Although regulations typically require 1 lux along escape routes, higher levels are often specified in consultation with estates and clinical teams.

High-risk areas such as seclusion rooms, high-observation bedrooms and treatment spaces may require 10 to 15 lux vertically to support supervision, rapid intervention and visibility for security systems.

All of our luminaires are available with integral maintained emergency variants, with high-output options offered where increased levels are needed. This minimises the need for additional fittings. We also offer non-maintained and slave options for use with central battery systems, ensuring flexible emergency coverage across all areas.



W375 x D160 x H100mm

Guardalux Bulkhead
IP54, IK15 (125J)



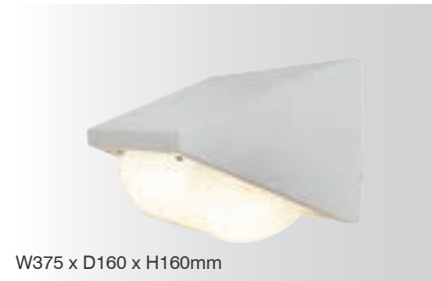
W360 x D80 x H180mm

Guardalux Exit Box
IP54, IK11 (50J)



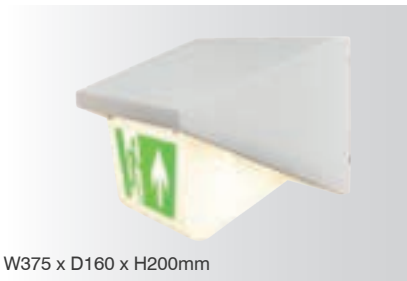
W375 x D160 x H145mm

Guardalux Double-Sided Exit Sign
IP54, IK14 (100J)



W375 x D160 x H160mm

Guardalux Over-Door
IP54, IK15 (125J)



W375 x D160 x H200mm

Guardalux Over-Door Exit Sign
IP54, IK14 (100J)



W375 x W127 x H127mm

Guardalux Cornice
IP54, IK15 (125J)



L160 x W160 x H50mm

Guardalux Anti-Ligature Surface Emergency Light
IP54, IK11 (50J)



ø100 x H10mm (50mm cutout)

Guardalux Anti-Ligature Recessed Emergency Light
IP54, IK11 (50J)



Grilles and Covers

Tamper-resistant solutions for critical fixtures

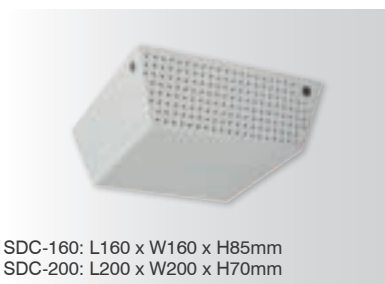
All available in custom colours, see page 8 for details.



Our range of anti-ligature, anti-vandal covers is designed to secure exposed services such as ventilation points and smoke detectors in high-risk environments. Manufactured from durable mild steel and powder coated white as standard, all units are fixed using tamper-proof Resistorex screws to prevent removal or interference.

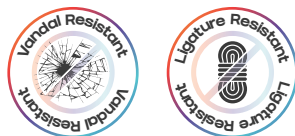
Grilles are available with or without a surrounding frame and are optimised for airflow using maximised perforation patterns, allowing effective ventilation while maintaining safety. Smoke detector covers are designed to permit correct sensor function, though it remains the responsibility of the installer to confirm airflow suitability for each application.

These solutions are ideally suited to bedrooms, en-suites and corridors—where maintaining airflow must be balanced with minimising potential risk.



SDC-160: L160 x W160 x H85mm
SDC-200: L200 x W200 x H70mm

Smoke Detector Cover
IK11 (50J)



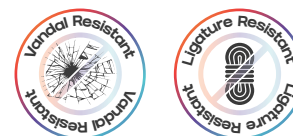
Product Code	Width (mm)
SDC-160-WH	160
SDC-200-WH	200

For more information please visit:



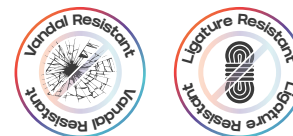
150 - 600mm, in 50mm size increments

Ventilation Grille
IK11 (50J)



150 - 600mm, in 50mm size increments

Ventilation Grille with Frame
IK11 (50J)



Product Code	Width (mm)
LYA-VG-150-WH	150
LYA-VG-200-WH	200
LYA-VG-300-WH	300
LYA-VG-450-WH	450
LYA-VG-500-WH	500
LYA-VG-600-WH	600

For more information please visit:



Product Code	Width (mm) inc. frame
LYA-VGF-150-WH	200
LYA-VGF-200-WH	250
LYA-VGF-300-WH	350
LYA-VGF-450-WH	500
LYA-VGF-500-WH	550
LYA-VGF-600-WH	650

For more information please visit:



Exterior Lighting

Lighting for safety, visibility, resilience

Exterior lighting in mental healthcare environments plays a vital role in ensuring safe movement, site security and visibility for both staff and service users. Fittings must offer high IP ratings, withstand vandalism and UV exposure, and operate reliably in both elevated and low temperatures with minimal maintenance.

Good optical control is essential to minimise energy consumption while achieving the required lux levels for each application, from entrance routes and footpaths to parking areas and courtyards.



OWL-320: W319 x D165 x H265mm
OWL- 260: W260 x D137 x H214mm
OWL- 130: W128 x D67 x H104mm

OWL Range
IP65, IK11 (50J)



630/1192/1753 x W135 x H88mm

Roof Light
IP66, IK10 (20J)



ø350 x D120mm

Iris Exterior
IP65, IK14 (100J)



ø350 x D125mm

Iris Exterior Hood
IP65, IK14 (100J)



L375 x W175 x H85mm

Protectalux T Bulkhead
IP65, IK15 (125J)



L375 x D160 x H140mm

Guardalux Exterior Bulkhead
IP65, IK15 (125J)



L590 x H134 x W305mm
(Spigot 60/76mm)

Polaxis Post Top
IP66, IK08 (5J)



Standard: H980 x ø180mm
Short: H660 x ø180mm

Mirana Bollard
IP65, IK10 (20J)



Non-Secure Area Versions

Shared parts, simplified maintenance, consistent output

To complement our anti-ligature and anti-vandal luminaires, we also offer standard versions of key models within the Lucca, Iris and Como ranges. These fittings use the same internal components, electronics and control gear as their high-security counterparts, delivering consistent performance while offering a more cost-effective solution for low-risk areas.

This approach reduces the need for multiple spares lines, simplifies maintenance, and ensures uniformity in light quality, energy usage and colour temperature throughout a site. By maintaining consistency across high, medium and low-risk spaces, estates teams benefit from operational efficiency without compromising on lighting standards.



ø350 x H120mm

Iris Standard
IP65, IK10 (20J)



Product Code	Lumens (lm)	Wattage (W)
IRS-ST-L1-4K	1151	9.0
IRS-ST-L5-4K	2236	18.0
IRS-ST-L9-4K	3602	30.0

For more information please visit:



250: ø250 x H90mm
350: ø350 x H120mm

Lucca Surface
IP40



200: ø210 x H125mm (ø175-200mm cutout)
150: ø160 x H80mm (ø150mm cutout)
100: ø110 x H70mm (ø70mm cutout)

Como Standard
IP54, IK10 (20J)



Product Code	Lumens (lm)	Wattage (W)
LUC-350-MG	MelaGen	Variable
LUC-350-L2-4K	1663	16.0
LUC-350-L5-4K	2376	23.0
LUC-350-MX-4K	4156	40.0
LUC-250-L5-4K	2376	22.0

For more information please visit:



Product Code	Lumens (lm)	Wattage (W)
COM-200-L5-4K	2080	19.0
COM-200-MX-4K	3571	35.0
COM-150-L5-4K	2175	21.0
COM-150-L7-4K	2907	29.0
COM-100-MN-4K	692	7.5
COM-100-L5-4K	1713	18.5

For more information please visit:



Re:Light & Contribute to the Circular Economy

In the event of product failure, to reduce costly maintenance or to make energy savings you may wish to consider a retrofit of your gear trays to re-purpose over replacing. There are many reasons to choose this option, not least the reduction in disruption to move service users, time on site to complete the work and damage limitation to existing structures.

In a world and at a time where resources are becoming more precious and amidst rising energy costs, retrofitting contributes to the circular economy and cleaner production, greater length of product service, reduction in product whole life costs, management of product end of life and recycling.

LYA's retrofit gear trays and housings are designed to be accommodated in the current architecture and comply to latest legislation. They are made to meticulous standards and are built to last.

Not only will converting existing lighting architecture to LED technology save on energy expense, it is now prohibited to place new fluorescent lamps on the market for sale.

Retrofit your lights with LEDs to comply with new regulations and future-proof your facility.



Fluorescent lamps in ring form (T5, T9)



Compact fluorescent lamps with plug-in base (CFLni)



Fluorescent lamps (T5, T8)



Halogen pins (G4, GY6.35, G9)

Re:LIGHT
for the YEARS **AHEAD**



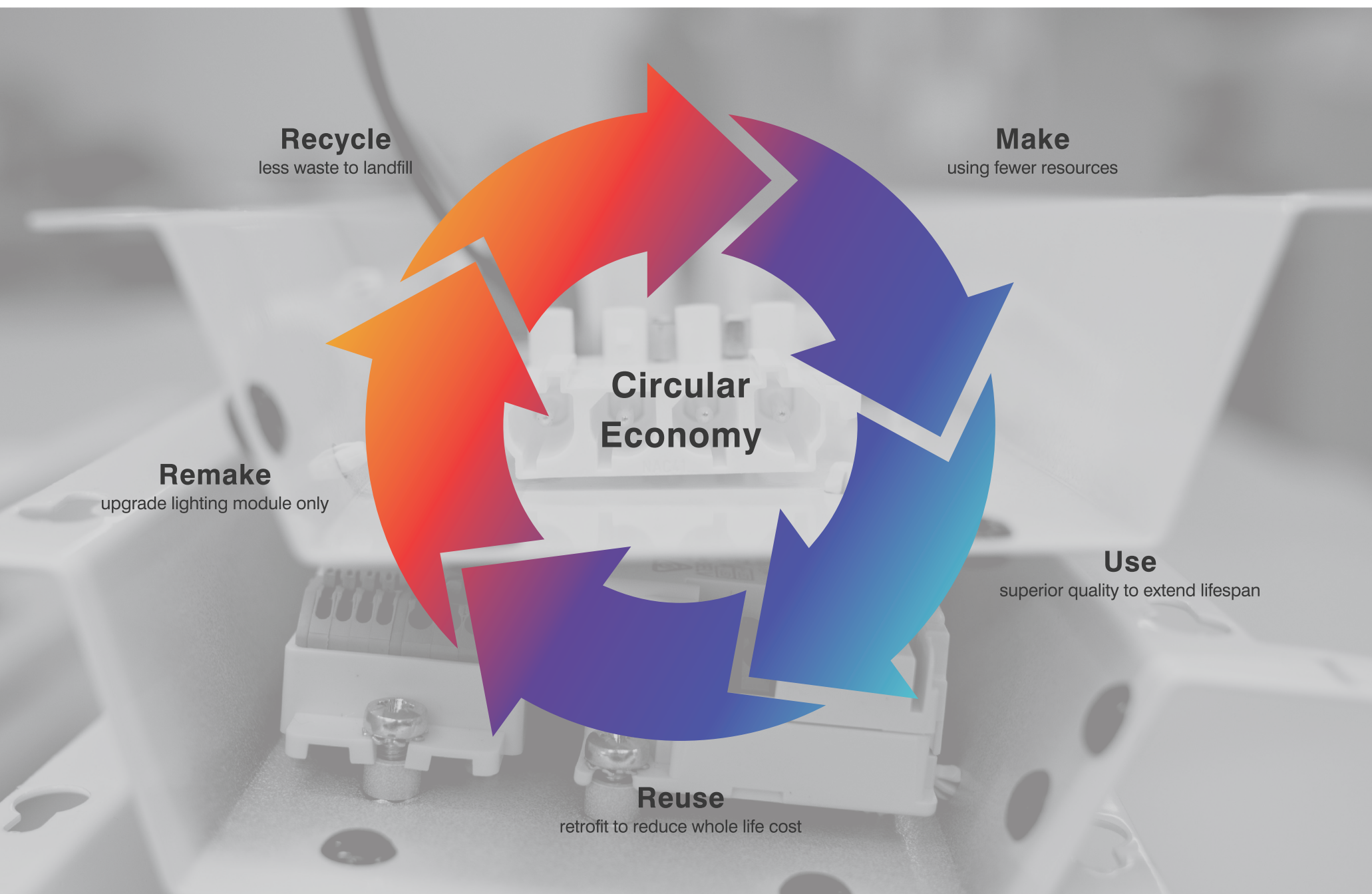
Retrofit tray for clear lens



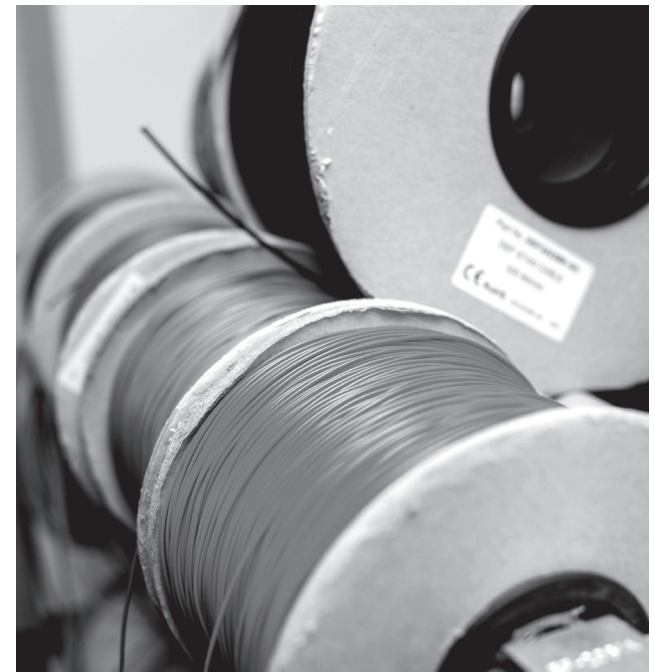
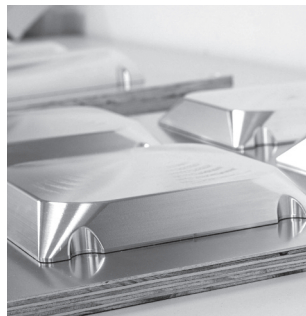
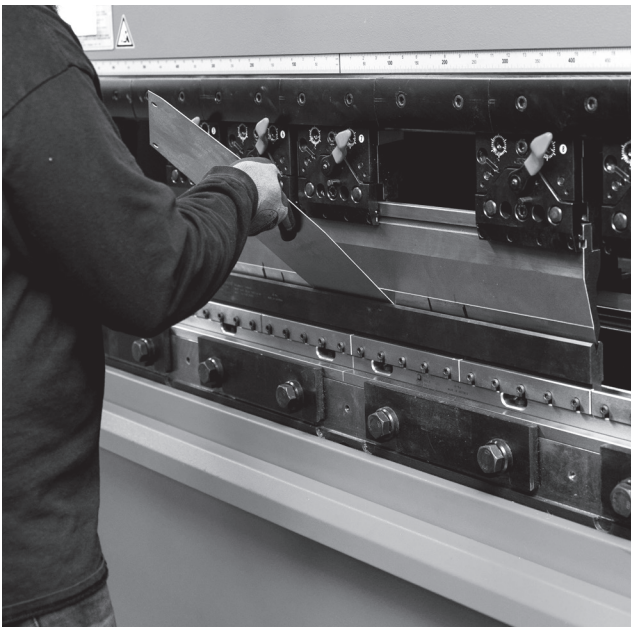
Retrofit tray for opal lens




Retrofit tray and new opal lens



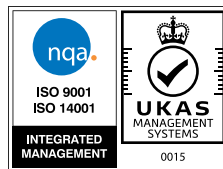
In-House Manufacture





Robust British design,
development,
fabrication and product
assembly services.
Based on strong
foundations of many
decades of expertise.

LIGHT YEARS AHEAD



+44 (0) 1787 881191

info@lightyearsahead.co.uk

lightyearsahead.co.uk

Church Field Road, Sudbury, Suffolk CO10 2YA

Light Years Ahead is a company registered in England & Wales
registration number 10722911