

UK MANUFACTURED

Mental Healthcare Lighting Solutions

Specialist anti-ligature and robust mental healthcare lighting that balances safety, wellbeing and performance.



LIGHT YEARS **AHEAD**

Lighting you can trust. Expertise you can rely on.

Since 1997, Light Years Ahead has been designing and manufacturing lighting that supports safety, durability and wellbeing in demanding environments. From our dedicated facility in Suffolk, we combine British manufacturing excellence with deep sector knowledge to deliver products that meet the highest standards for safety, durability and performance. With over 25 years of industry experience, we've built a reputation for products that perform under pressure.

We believe that lighting can do more than illuminate. It can help create safer environments, support care, and reduce maintenance and energy demands without sacrificing quality or design integrity.

We work closely with architects, consultants, estates teams and contractors to ensure every luminaire is fit for purpose — and designed to support both people and performance in the spaces it serves.



Designed, tested and built in Britain.
Engineered for safer environments.



Why choose **Light** Years Ahead for your project?

From initial design through to installation, our products are created to perform and to last.

Tested for performance

Every luminaire undergoes rigorous in-house and independent testing for anti-ligature performance, impact resistance (IK ratings up to 250 joules), and ingress protection (IP ratings up to IP66).

British made

Our products are designed, manufactured and tested in the UK. That means shorter lead times, better quality control and friendly support from people who understand your sector.

Sector expertise

Proven in mental healthcare, custodial, transport, infrastructure and high-risk environments.

Technical support

From early specification advice to installation guidance, we're with you every step of the way.

Proven track record

Experience delivering projects for clients including the Ministry of Justice, NHS, leading architectural practices, major contractors and infrastructure providers.



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 | LRO | 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:

www.lya.co.uk/about-us/ik-ratings/

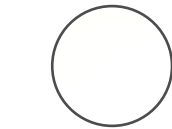


Colours and Customisation

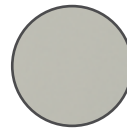
As part of our commitment to patient-centred design, we offer a selection of durable, high-quality paint options that help our luminaires fit naturally into a variety of care environments.

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.

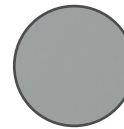
Additional RAL colours may be available on request to suit project branding, ward differentiation, or way-finding strategies.



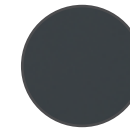
RAL9003
White
(Standard interior)



RAL9002
Grey White



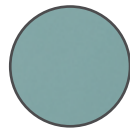
RAL7035
Light Grey



RAL7016
Anthracite



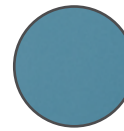
RAL9005
Black
(Standard exterior)



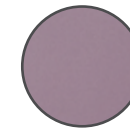
RAL6034
Pastel Turquoise



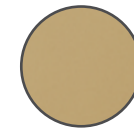
RAL6019
Pastel Green



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



Light Years Ahead's quality standards are supported by ISO 9001:2015 and ISO 14001:2015 certifications, and products adhere to BS EN 60598.

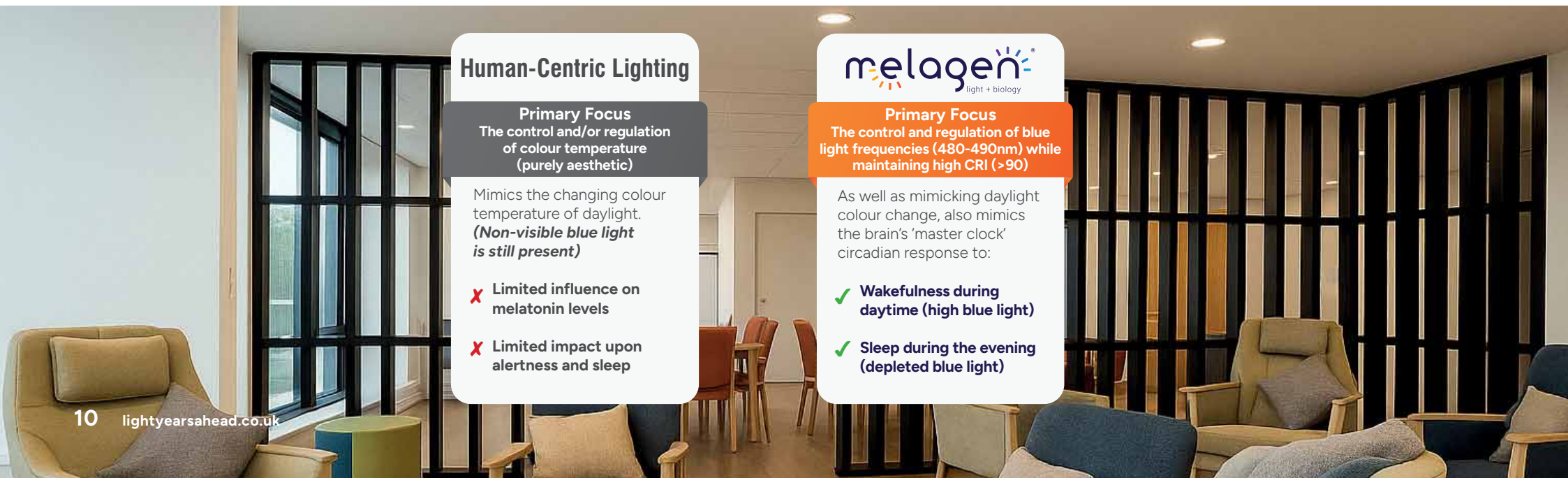


Better sleep, calmer days and brighter care

MelaGen® is our circadian rhythm lighting solution, developed by Versalux, to help people feel more awake during the day and rest easier at night. By adjusting blue light exposure automatically across the day, MelaGen® lighting supports healthier sleep cycles, improves moods and encourages calmer environments for both service users and staff.

Unlike tunable white lighting that only shifts between warm and cool tones, MelaGen® is engineered to optimise the Melanopic/Photopic (M/P) ratio. This ratio measures how light affects both visual and non-visual receptors in the eye. By targeting this balance, MelaGen® supports melatonin regulation, which is essential for stable sleep and daytime focus, providing real biological benefits rather than just tunable visual changes in ambience.

MelaGen® lighting changes automatically over the day. In the morning and through the afternoon, it emits a brighter, blue-enriched light that helps people feel awake and focused. In the evening, it softens to a warmer tone with low blue content, calming the body and encouraging sleep. Crucially, this happens automatically, with no need for staff to adjust settings.



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 VLR

Vandal & Ligature Resistant Multi-Mode Bulkhead



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.

Dimensions

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

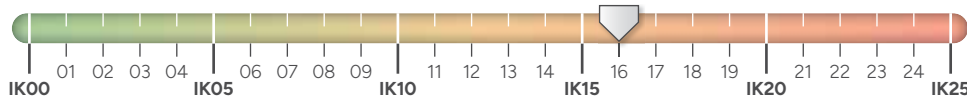
Output Colour Temperatures



Performance



Vandal Resistance



Ligature Resistance



| 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

Compatible with:


light + biology



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

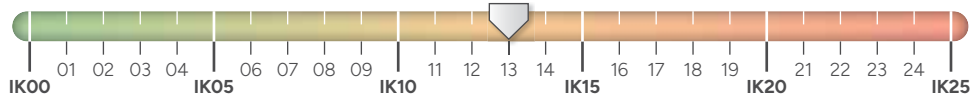
Output Colour Temperatures

 MelaGen
  3000K
  4000K
  5000K

Performance



Vandal Resistance



Ligature Resistance



| 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



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.

Dimensions

ø350 x H120mm

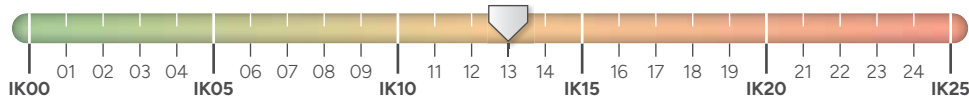
Output Colour Temperatures

● 3000K
 ● 4000K
 ● 5000K

Performance



Vandal Resistance



Ligature Resistance



| 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

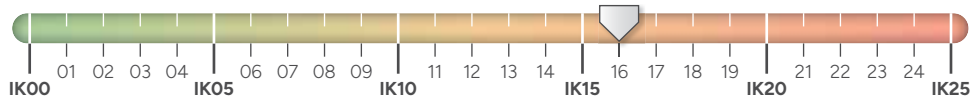
Output Colour Temperatures

● 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



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 Resistalux 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

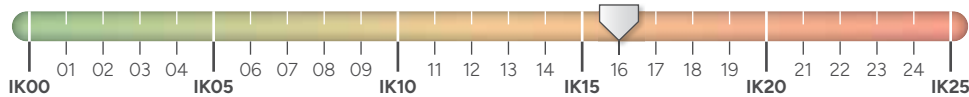
Output Colour Temperatures

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

Compatible with:



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

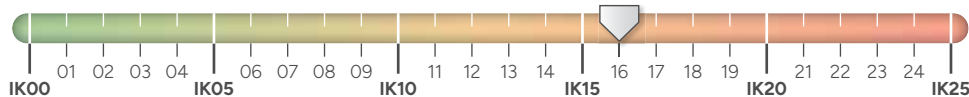
Output Colour Temperatures

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 Resistalux 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

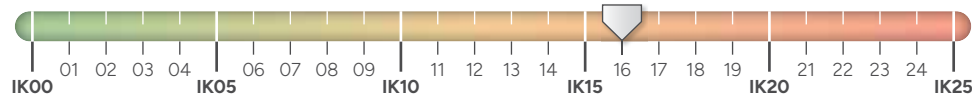
Output Colour Temperatures

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)

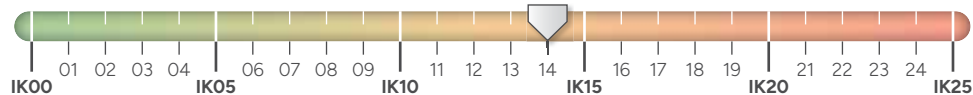
Output Colour Temperatures

● 3000K

Performance



Vandal Resistance



Ligature Resistance



Suitable for bedrooms, en-suites, corridors and staff areas, the Guidelux Low Level offers a discreet 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

Lumens (lm)

Wattage (w)

GLL-3K

80

2.2

For more information please visit:



Lucca Anti-Ligature

Multi-Mode Circular Bulkhead



Dimensions

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

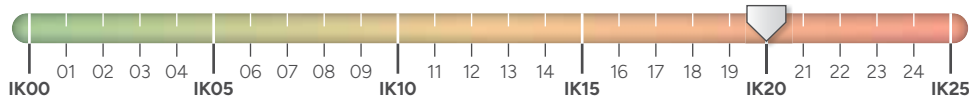
Output Colour Temperatures



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:


light + biology



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 Resistox tamper-proof fixings. Its unobtrusive form makes it ideal for locations requiring secure yet sympathetic architectural integration.

Dimensions

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

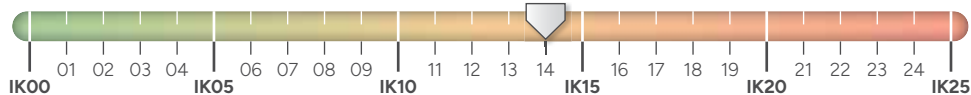
Output Colour Temperatures

 MelaGen
  3000K
  4000K
  5000K

Performance



Vandal Resistance



Ligature Resistance



| 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



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.

Dimensions

ø470 x H125mm

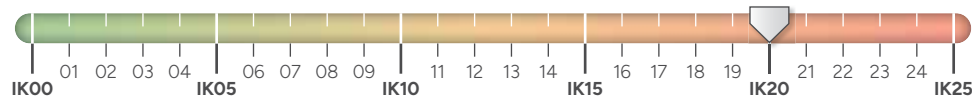
Output Colour Temperatures

● 3000K
 ● 4000K
 ● 5000K

Performance



Vandal Resistance



Ligature Resistance



| 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 environments, 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.

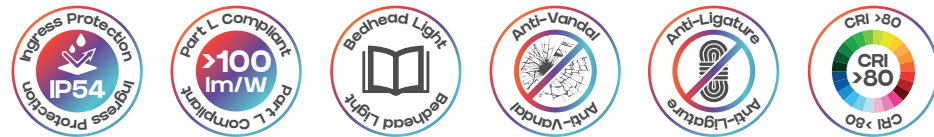
Dimensions

W220 x H240 x D90mm

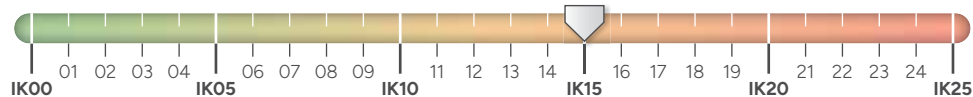
Output Colour Temperatures

● 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

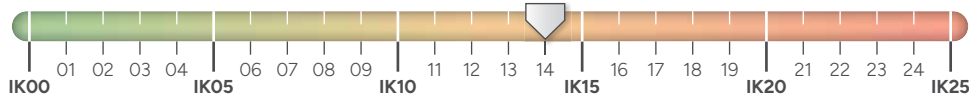
Output Colour Temperatures

● 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 | Recessed | 2453 | 20 |
| SIR-6X6-L5-4K-MP | Recessed | 3315 | 30 |
| SIR-6X6-L9-4K-MP | Recessed | 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:



Recessed



Surface

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

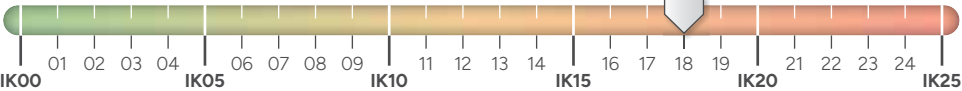
Output Colour Temperatures

● 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



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 Resistorx 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.

Dimensions

ø460mm (ø563mm inc. cover band) H124mm

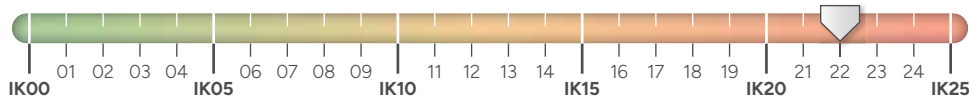
Output Colour Temperatures

● 3000K
 ● 4000K
 ● 5000K

Performance



Vandal Resistance



Ligature Resistance



| 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

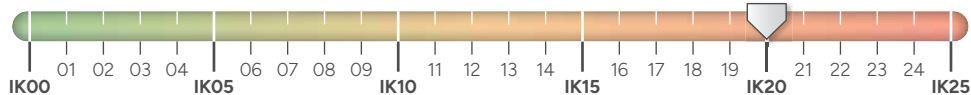
Output Colour Temperatures

● 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



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.

Dimensions

W390 x H195 x D65mm

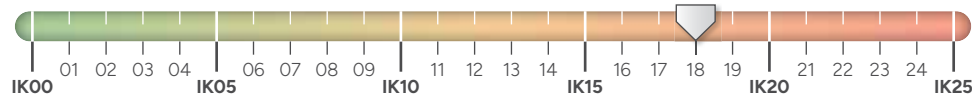
Output Colour Temperatures

● 3000K
 ● 4000K
 ● 5000K

Performance



Vandal Resistance



Ligature Resistance



| 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)



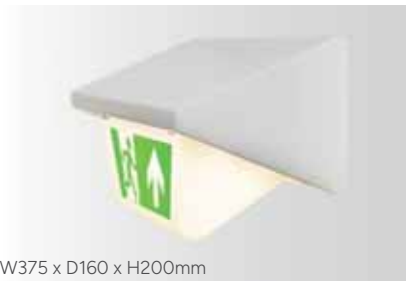
L160 x W160 x H50mm

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



ø100 x H10mm (50mm cutout)

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



W375 x D160 x H200mm

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



W375 x W127 x H127mm

Guardalux Cornice
IP54, IK15 (125J)



Grilles and Covers

Tamper-resistant solutions for critical fixtures

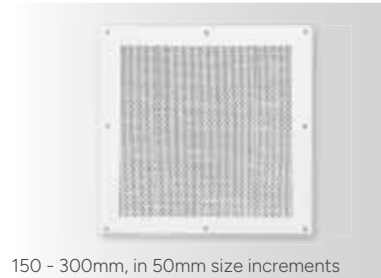
All available in custom colours, see page 8 for details.



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 Resistorx screws to prevent removal or interference.

Grilles 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.



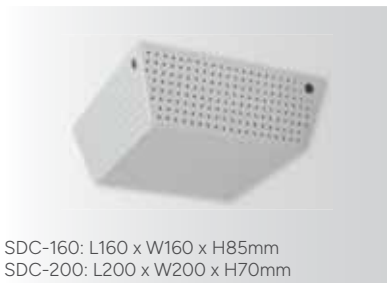
150 - 300mm, in 50mm size increments

Ventilation Grille - White
IK11 (50J)



For more information please visit:

| Product Code | Width (mm) |
|-------------------|------------|
| VG-MOJ-150X150-WH | 225 |
| VG-MOJ-200X200-WH | 275 |
| VG-MOJ-250X250-WH | 325 |
| VG-MOJ-300X300-WH | 375 |



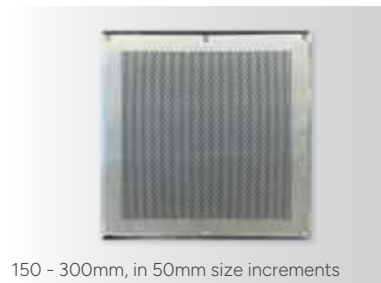
SDC-160: L160 x W160 x H85mm
SDC-200: L200 x W200 x H70mm

Smoke Detector Cover
IK11 (50J)



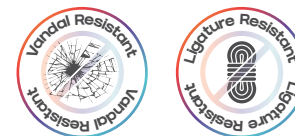
| Product Code | Width (mm) |
|--------------|------------|
| SDC-160-WH | 160 |
| SDC-200-WH | 200 |

For more information please visit:



150 - 300mm, in 50mm size increments

Ventilation Grille - Stainless Steel
IK11 (50J)



For more information please visit:

| Product Code | Width (mm) |
|----------------|------------|
| VG-MOJ-150X150 | 225 |
| VG-MOJ-200X200 | 275 |
| VG-MOJ-250X250 | 325 |
| VG-MOJ-300X300 | 375 |

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)



Alternative tops available
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.



250: ø250 x H90mm
350: ø350 x H120mm

Lucca Surface
IP40



| Product Code | Lumens (lm) | Watt-age (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:



ø350 x H120mm

Iris Standard
IP65, IK10 (20J)



| Product Code | Lumens (lm) | Watt-age (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:



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) | Watt-age (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)



Retrofit tray for clear lens

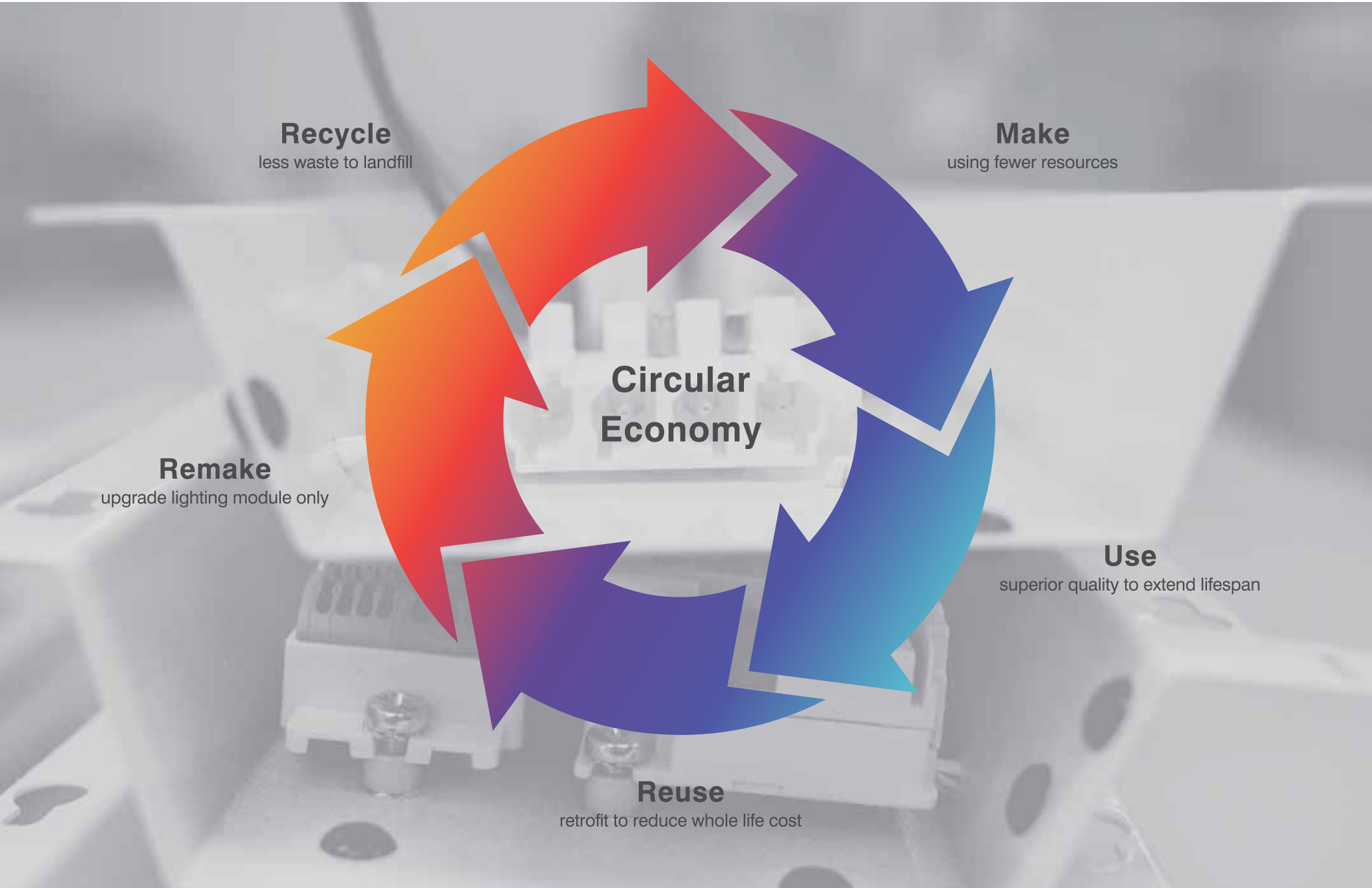


Retrofit tray for opal lens



Retrofit tray and new opal lens

Re:LIGHT **^**HEAD
for the YEARS



Case Studies

Real-world examples of how our British-made luminaires perform.

Nuffield Hospital



An ageing hospital lighting system consisting of fluorescent tubes was energy-intensive, costly in maintenance, and incompatible with emerging regulations phasing out fluorescent lighting. We deployed our retrofit solution, a smart upgrade designed for fast, cost-effective conversion. The system fit existing battens, requiring minimal installation effort via retrofit gear trays and LED mounting plates, enabling reuse of existing fixtures.

This resulted in reduced energy use, thanks to highly efficient LED components, substantially lower maintenance and regulatory compliance achieved.

Norton Street



As part of the transformation of the Norton Street arches in Salford, our team was proud to support the project by supplying external lighting from our OWL range. The regeneration, focused on bringing previously disused railway arches back into use for retail, leisure and hospitality.

We supplied lighting to support a warm, welcoming and functional streetscape. With a robust IP65 rating for external conditions and an IK11 rating accompanied with an anti-vandal diffuser and tamper proof fixings, our external luminaires are designed to support demanding outdoor environments.

Northwick Park

Northwick Park Hospital's Mental Health Ward recently underwent a significant LED lighting upgrade to reduce energy consumption while delivering brighter, clearer illumination for staff and service users.

We supplied a full package of anti-ligature, anti-tamper and anti-vandal luminaires, including the Readalux Bedhead, Como Anti-Ligature Downlights and the Iris Anti-Ligature Bulkhead. In total, more than 1,000 luminaires were installed across corridors, patient areas and bedrooms.

The transformation has received extremely positive feedback from staff across the ward, with noticeable improvements in brightness, atmosphere and overall visibility.

Jason Shill, Site Manager, commented: "We don't get a lot of natural light and, to me, it's really improved the area and made it a lot brighter. I'm exceptionally happy – it's improved immensely. The previous lights were more amber-looking and less bright. It does make a difference."

Jason also noted that the upgrade has improved brightness and visibility in the corridors, while reducing glare and flicker rates, contributing to a calmer and safer environment for both staff and patients.

Semirat Mtayeeb, Ward Administrator (Ellington Ward), added: "It's been an amazing transformation. It's much clearer and it feels so much better in this space."

The lighting upgrade has completely transformed the look and feel of the ward. The improved clarity creates a more therapeutic environment, while the fittings' secure design ensures long-term durability and compliance with mental healthcare safety standards.



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