

mini

The Miniled range is not a product of a single moment. It is the result of over fifteen years of deliberate, incremental improvement, in efficiency, in colour quality, in thermal performance, built on a platform that continues to evolve.

miniled.

mini

 **TREND**

Delivering high-performance architectural lighting in a compact, refined design. Engineered for precision and visual comfort, the series features recessed low-glare downlights with excellent colour rendering and controlled beam performance, making them ideal for modern residential, retail, and commercial environments.



miniled.



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small form. powerful output.

High performance in a compact design

Powerful illumination delivered through a small recessed form

Low glare, better visual comfort

Designed with low-glare optics and controlled beam distribution to enhance visual comfort

Premium light quality (CRI 90+ to 97+)

Accurate colour rendering reveals materials and finishes with natural vibrancy

Precise and focused lighting

Perfect for highlighting artworks, displays, or key areas with accurate and controlled illumination

Clean, minimal ceiling appearance

Recessed installation integrates seamlessly into ceilings for a modern, clutter-free look

Built for durability

Aluminium construction with powder-coat finish ensures long-lasting performance and reliability

Long lifespan & energy efficient

Up to 50,000-hour lifetime with efficient LED technology for lower maintenance and energy use

Flexible options for every space

Available in multiple beam styles, colour temperatures, IP ratings, and configurations to suit different applications



The Miniled adjustable downlight range is designed for spaces where lighting needs to be precisely directed. With an adjustable tilt mechanism, the fittings allow light to be aimed exactly where it is needed, offering greater flexibility when lighting layouts need to adapt to changing displays, architectural features, or focal points.

adjustable.

dynamic.

versatile.

product summary



XDA10

Compact Adjustable

The small 76mm cutout and shallow 75mm body make it suited to tight ceiling voids and retrofit applications where space is limited, with 15° tilt for directional accent and feature lighting.

XDC10

Extended Reach · High Output

The workhorse adjustable. A wide 30° tilt range and the highest efficacy in the adjustable family make it the go-to for hospitality and residential accent lighting, directional enough to pinpoint, efficient enough for large installations.

XDG10

Curved Adjustable

Directional accent lighting where ceiling aesthetics matter. The curved profile sits flush and seamlessly against the ceiling plane, while 30° tilt allows the beam to be directed precisely at artwork or architectural features.

XDT10

Anti Glare · Concealed Source

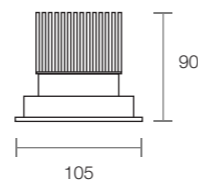
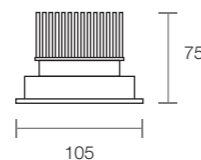
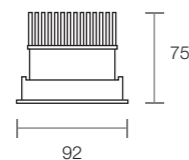
The deep conical housing recesses the light source into the body, reducing glare at wide viewing angles, ideal for hospitality, galleries and high-end retail where the beam needs to be directional without the source being visible.

XDTL10

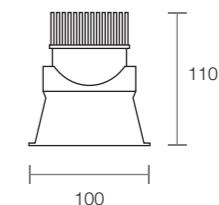
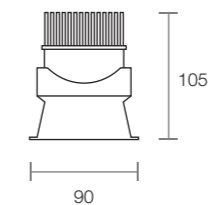
Seamless · Concealed Source

The trimless face disappears into the plasterboard while the deep-set body controls glare, suited to luxury residential, hotel rooms and gallery spaces where directional light is needed without any visible hardware at the ceiling.

Colour Temperature	2700K 3000K 3500K 4000K	2700K 3000K 3500K 4000K	2700K 3000K 3500K 4000K
Colour Technology	CRI 90+ Standard CRI 93+ Vivid CRI 97+ Standard	CRI 90+ Standard CRI 93+ Vivid CRI 97+ Standard	CRI 90+ Standard CRI 93+ Vivid CRI 97+ Standard
Beam Angle	Narrow Medium Wide	Narrow Medium Wide	Narrow Medium Wide
Trim Colour	White Black Silver	White Black Silver	White Black Silver
Dimensions	Ø92 x 75 (H) mm	Ø105 x 75 (H) mm	Ø105 x 90 (H) mm
Cutout	Circular 76 mm	Circular 92 mm	Circular 92 mm
LED Power	10W	10W	10W
LED Type	COB	COB	COB
Luminous Flux	1199 lm @ 4000K	1199 lm @ 4000K	1176 lm @ 4000K
Efficacy	102.5 lm/W @ 4000K	102.5 lm/W @ 4000K	100.5 lm/W @ 4000K
Lifetime	50,000 hours (L90 B10)	50,000 hours (L90 B10)	50,000 hours (L90 B10)
Driver	Leading & Trailing Edge DALI 1-10V	Leading & Trailing Edge DALI 1-10V	Leading & Trailing Edge DALI 1-10V
IP Rating	IP20	IP20	IP20



Colour Temperature	2700K 3000K 3500K 4000K	2700K 3000K 3500K 4000K
Colour Technology	CRI 90+ Standard CRI 93+ Vivid CRI 97+ Standard	CRI 90+ Standard CRI 93+ Vivid CRI 97+ Standard
Beam Angle	Narrow Medium Wide	Narrow Medium Wide
Trim Colour	White Black Silver	White Black Silver
Dimensions	Ø90 x 105 (H) mm	Ø100 x 110 (H) mm
Cutout	Circular 78 mm	Circular 92 mm
LED Power	10W	10W
LED Type	COB	COB
Luminous Flux	1022 lm @ 4000K	1067 lm @ 4000K
Efficacy	87.3 lm/W @ 4000K	91.2 lm/W @ 4000K
Lifetime	50,000 hours (L90 B10)	50,000 hours (L90 B10)
Driver	Leading & Trailing Edge DALI 1-10V	Leading & Trailing Edge DALI 1-10V
IP Rating	IP20	IP20



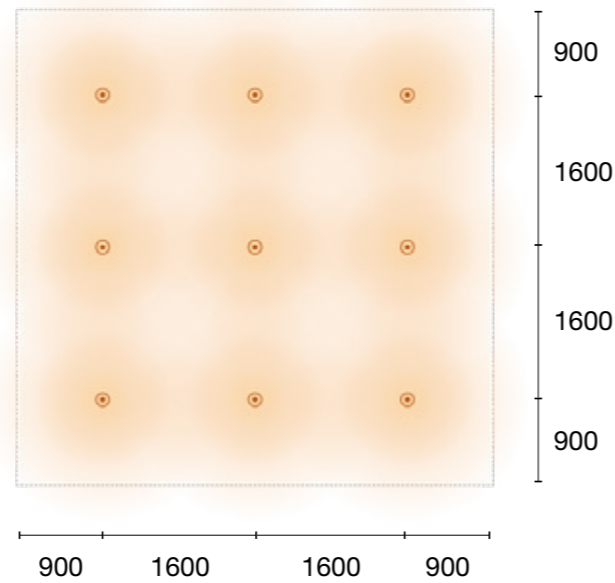


Spacing recommendations for eight selected Miniled fittings are featured across this document.

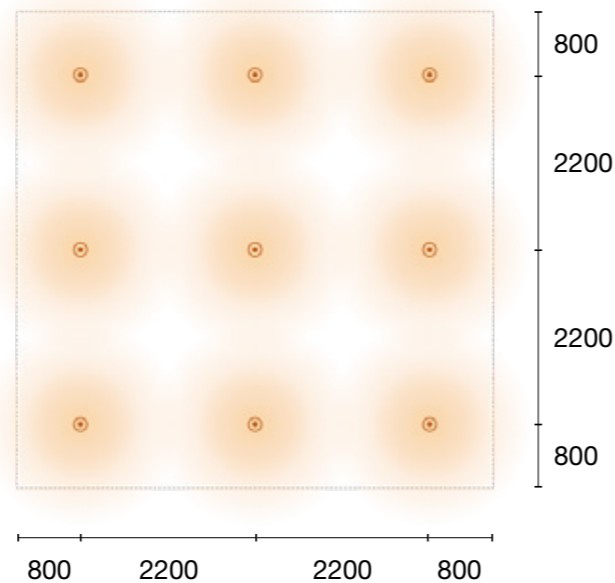
Every layout models the same 3 × 3 grid across two scenarios — workspace and floor level. Workspace targets 320 lx at 750 mm — the standard task plane for offices, workbenches and similar task-oriented spaces. Floor level targets 160 lx at floor plane, representative of residential and hospitality spaces where ambient comfort is the goal.

These calculations are not exhaustive across the full Miniled range, but represent a cross-section of fitting types to illustrate how each performs under real conditions.




WORKSPACE
Target 320 lx @ 750 mm



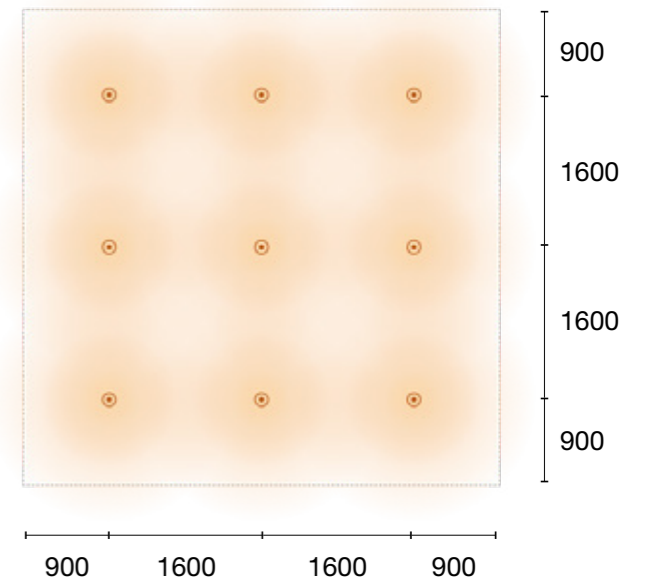
FLOOR LEVEL
Target 160 lx @ 00 mm



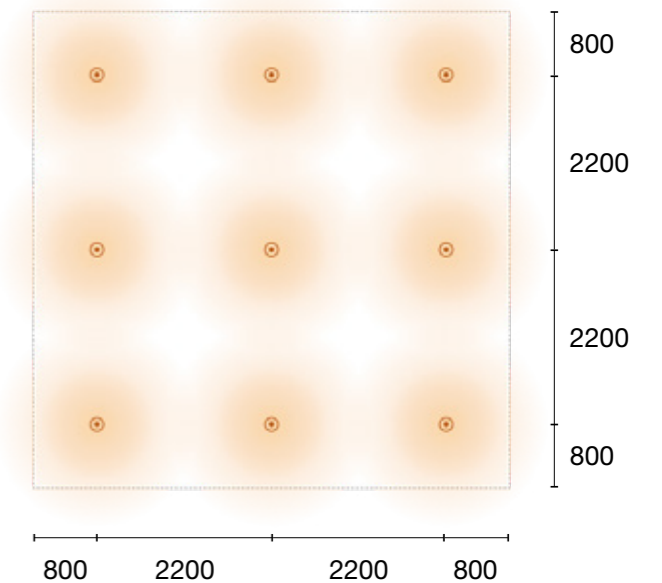
All dimensions in millimetres, centreline to centreline. Calculations modelled in a 5000 × 5000 mm room with a ceiling height of 2700 mm for the workspace scenario, and 6000 × 6000 mm room for the floor level scenario, based on reflectance values of 0.8 ceiling, 0.5 wall and 0.2 floor.

-  **Downlight Position**
Centreline
-  **Indicative Illuminance Footprint**
Wider Beam = Wider Spread
-  **Uniformity (Min/Avg)**
>0.7 Good
0.5–0.7 Acceptable
<0.5 Consider Application

WORKSPACE
Target 320 lx @ 750 mm



FLOOR LEVEL
Target 160 lx @ 00 mm



XDC10

Adjustable · Wide Beam · 4000K · CRI 90+

The wide beam delivers the highest average illuminance in the group — 370 lx in the office scenario with excellent uniformity across the grid. The result makes it the benchmark adjustable fitting: the one that achieves the most light from the spacing, with no hotspots.



XDG10

Curved Adjustable · Wide Beam · 4000K · CRI 90+

Identical spacing and near-identical output to the XDC10, but the curved profile changes how the fitting reads at the ceiling. Where the XDC10 is the performance choice, the XDG10 is the aesthetic one, same grid, same coverage, different visual result.

Calculation	Spacing	Wall Offset	Avg Achieved	Min	Uniformity
Workspace	1600 mm	900 mm	370 lx	318 lx	0.9
Floor Level	2200 mm	800 mm	215 lx	196 lx	1.0

Calculation	Spacing	Wall Offset	Avg Achieved	Min	Uniformity
Workspace	1600 mm	900 mm	363 lx	328 lx	0.9
Floor Level	2200 mm	800 mm	209 lx	198 lx	1.0



Our 10W Miniled narrow beam downlights are ideal for highlighting artwork and feature walls, delivering controlled illumination that enhances textures and colours while limiting unwanted light spill.

They are also well suited for accent lighting in retail displays and shelving, helping products stand out with sharp, focused brightness. In architectural settings, they highlight detailed finishes and structural elements, adding depth and visual interest.

define.

frame.

focus.



product summary



XDH10

Round Pinhole

Delivers a symmetrical circular pool of light, ideal for illuminating objects directly below: sculptures, centrepieces, display plinths. The round aperture reads as clean and invisible in the ceiling plane.

XDI10

Elongated Aperture

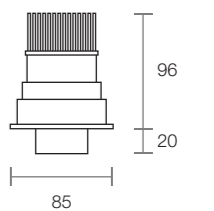
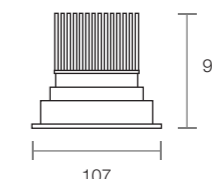
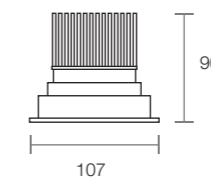
The elongated aperture creates an elliptical beam that follows the natural shape of a canvas or wall surface, while the 15° tilt allows precise directional control to pinpoint objects off-axis.

XDQ10

Baffle Insert

The removable black baffle tightens the beam further, making it the right choice for jewellery cases, high-contrast retail displays, or anywhere a very controlled, dramatic pool of light is needed with no peripheral scatter.

Colour Temperature	2700K 3000K 3500K 4000K	2700K 3000K 3500K 4000K	2700K 3000K 3500K 4000K
Colour Technology	CRI 90+ Standard CRI 93+ Vivid CRI 97+ Standard	CRI 90+ Standard CRI 93+ Vivid CRI 97+ Standard	CRI 90+ Standard CRI 93+ Vivid CRI 97+ Standard
Beam Angle	Narrow Medium	Narrow	Narrow
Trim Colour	White Black Silver	White Black Silver	White Black Silver
Dimensions	Ø107 x 90 (H) mm	Ø107 x 95 (H) mm	Ø85 x 116 (H) mm
Cutout	Circular 92 mm	Circular 92 mm	Circular 76 mm
LED Power	10W	10W	10W
LED Type	COB	COB	COB
Luminous Flux	668 lm @ 4000K	733 lm @ 4000K	581 lm @ 4000K
Efficacy	56.9 lm/W @ 4000K	62.6 lm/W @ 4000K	49.6 lm/W @ 4000K
Lifetime	50,000 hours (L90 B10)	50,000 hours (L90 B10)	50,000 hours (L90 B10)
Driver	Leading & Trailing Edge DALI 1-10V	Leading & Trailing Edge DALI 1-10V	Leading & Trailing Edge DALI 1-10V
IP Rating	IP20	IP20	IP20



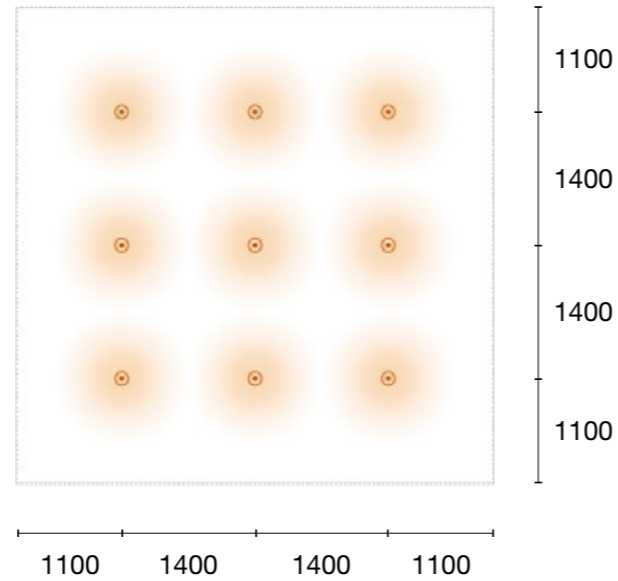


Recommended spacing — continued




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These calculations are not exhaustive across the full Miniled range, but represent a cross-section of fitting types to illustrate how each performs under real conditions.

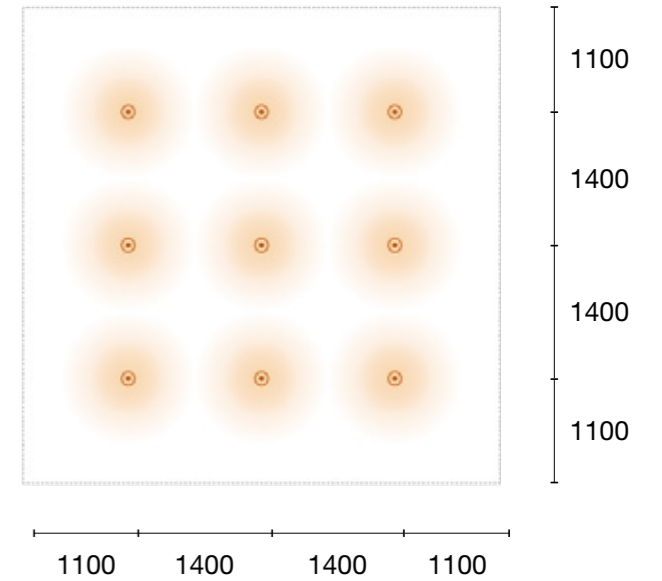
WORKSPACE
Target 320 lx @ 750 mm



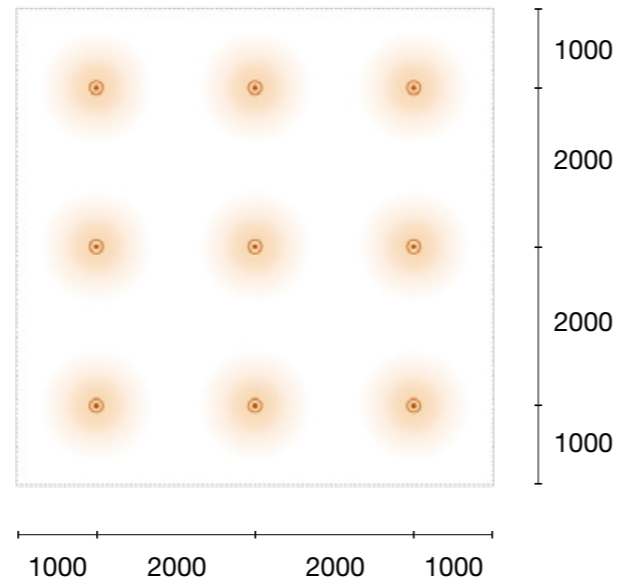
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-  **Downlight Position**
Centreline
-  **Indicative Illuminance Footprint**
Wider Beam = Wider Spread
-  **Uniformity (Min/Avg)**
>0.7 Good
0.5–0.7 Acceptable
<0.5 Consider Application

WORKSPACE
Target 320 lx @ 750 mm



FLOOR LEVEL
Target 160 lx @ 00 mm

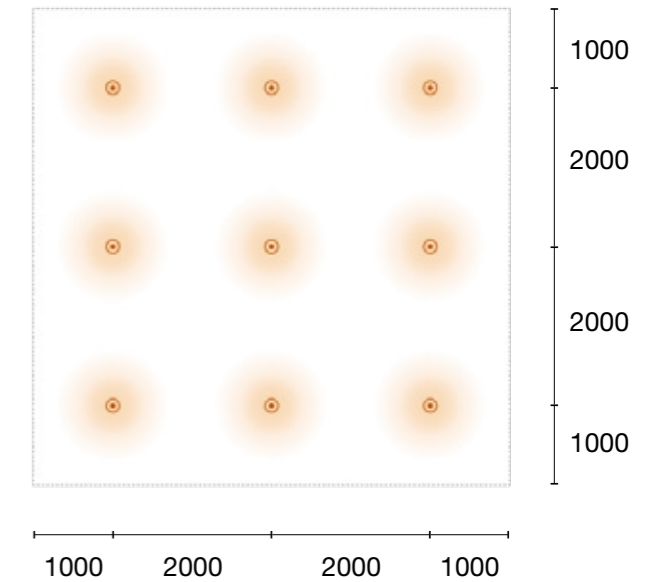


XDH10

Round Pinhole · Narrow Beam · 4000K · CRI 90+

Tighter spacing, lower uniformity, consistent at 0.4 across both scenarios. The XDH10 is a fixed pinhole designed to create pools of focused light rather than even coverage. The contrast between lit and unlit zones is the intended effect, suited to accent and display applications where drama matters more than uniformity.

FLOOR LEVEL
Target 160 lx @ 00 mm



XDI10

Elongated Aperture · Narrow Beam · 4000K · CRI 90+

The only narrow beam in the group, and the data shows it. Tighter spacing is needed to compensate for the concentrated output. Uniformity is lower than the wide beam fittings. That's not a flaw; it's the trade-off of a fitting designed to create contrast and draw attention to specific points rather than wash a surface evenly.

Calculation	Spacing	Wall Offset	Avg Achieved	Min	Uniformity
Workspace	1400 mm	1100 mm	310 lx	97 lx	0.3
Floor Level	2000 mm	1000 mm	174 lx	73 lx	0.4

Calculation	Spacing	Wall Offset	Avg Achieved	Min	Uniformity
Workspace	1400 mm	1100 mm	289 lx	108 lx	0.4
Floor Level	2000 mm	1000 mm	161 lx	69 lx	0.4

Our IP65-rated downlights are designed for environments where lighting must perform reliably despite exposure to moisture, humidity, or dust. Their sealed construction and durable materials ensure consistent illumination while maintaining a clean, integrated ceiling appearance.

sealed.

Sealed against dust and water

IP65-rated construction protects internal components from dust ingress and water splashes, making it suitable for moisture-prone environments

Designed for wet environments

Ideal for bathrooms, covered outdoor areas, soffits, and commercial washrooms where reliable lighting is required despite humidity and exposure

weatherproof.

Durable, long-lasting performance

Robust aluminium body housing and high-quality LED components ensuring consistent illumination and dependable operation over time

resilient.



product summary



XDF10

Scalable Wattage · IP65

General and ambient lighting in wet or outdoor areas. Part of the XDF family spanning 10W to 55W, the natural choice when consistent aesthetics are needed across spaces with varying ceiling heights or lumen demands.

XDK10

Curved Face · IP44

The curved profile sits flush and seamlessly against the ceiling plane, making the fitting virtually disappear, ideal for spaces where both performance and a refined ceiling aesthetic matter.

XDJ10

Compact Curved · IP65

The compact curved form and smaller 70mm cutout make it well suited to shower recesses, pool surrounds and outdoor soffits, anywhere a refined, low-profile fitting is needed with full IP65 protection.

XDR10

Ultra Low Glare

Low glare ambient and accent lighting where visual comfort is the priority. The deep-set body recesses the aperture into the ceiling plane, reducing glare at eye level.

XDRL10

Invisible Installation

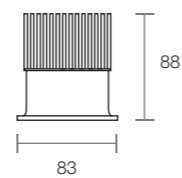
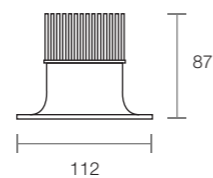
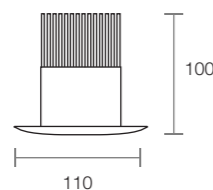
The trimless face integrates directly into the plasterboard with no visible hardware, ideal for high-end residential bathrooms, hotel wet rooms and interior spaces where a clean, uninterrupted ceiling plane is the goal.

XDV10

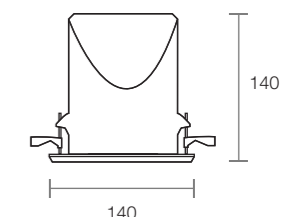
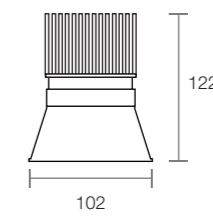
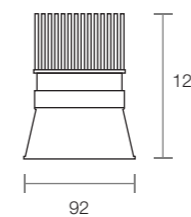
125mm Cutout Replacement

Ideal for upgrading older commercial and retail spaces. The 125mm cutout matches common legacy installations, making it a direct swap with no ceiling remediation, suited for areas requiring a high-output IP65 fitting.

Colour Temperature	2700K 3000K 3500K 4000K	2700K 3000K 3500K 4000K	2700K 3000K 3500K 4000K
Colour Technology	CRI 90+ Standard CRI 93+ Vivid CRI 97+ Standard	CRI 90+ Standard CRI 93+ Vivid CRI 97+ Standard	CRI 90+ Standard CRI 93+ Vivid CRI 97+ Standard
Beam Angle	Narrow Medium Wide	Narrow Medium Wide	Narrow Medium Wide
Trim Colour	White Black	White Black Silver	White Black Silver
Dimensions	Ø112 x 100 (H) mm	Ø112 x 87 (H) mm	Ø83 x 88 (H) mm
Cutout	Circular 76-92 mm	Circular 76-92 mm	Circular 70 mm
LED Power	10W	10W	10W
LED Type	COB	COB	COB
Luminous Flux	1199 lm @ 4000K	1230 lm @ 4000K	1176 lm @ 4000K
Efficacy	102.5 lm/W @ 4000K	105.1 lm/W @ 4000K	100.5 lm/W @ 4000K
Lifetime	50,000 hours (L90 B10)	50,000 hours (L90 B10)	50,000 hours (L90 B10)
Driver	Leading & Trailing Edge DALI 1-10V	Leading & Trailing Edge DALI 1-10V	Leading & Trailing Edge DALI 1-10V
IP Rating	IP65	IP44	IP65



Colour Temperature	2700K 3000K 3500K 4000K	2700K 3000K 3500K 4000K	2700K 3000K 3500K 4000K
Colour Technology	CRI 90+ Standard CRI 93+ Vivid CRI 97+ Standard	CRI 90+ Standard CRI 93+ Vivid CRI 97+ Standard	CRI 90+ Standard CRI 93+ Vivid CRI 97+ Standard
Beam Angle	Narrow Medium Wide	Narrow Medium Wide	Narrow Medium Wide
Trim Colour	White Black Silver	White Black Silver	White Black
Dimensions	Ø92 x 120 (H) mm	Ø102 x 122 (H) mm	Ø140 x 140 (H) mm
Cutout	Circular 78 mm	Circular 92 mm	Circular 125 mm
LED Power	10W	10W	10W
LED Type	COB	COB	COB
Luminous Flux	1070 lm @ 4000K	1088 lm @ 4000K	1079 lm @ 4000K
Efficacy	91.4 lm/W @ 4000K	93 lm/W @ 4000K	92.3 lm/W @ 4000K
Lifetime	50,000 hours (L90 B10)	50,000 hours (L90 B10)	50,000 hours (L90 B10)
Driver	Leading & Trailing Edge DALI 1-10V	Leading & Trailing Edge DALI 1-10V	Leading & Trailing Edge DALI 1-10V
IP Rating	IP65	IP65	IP65



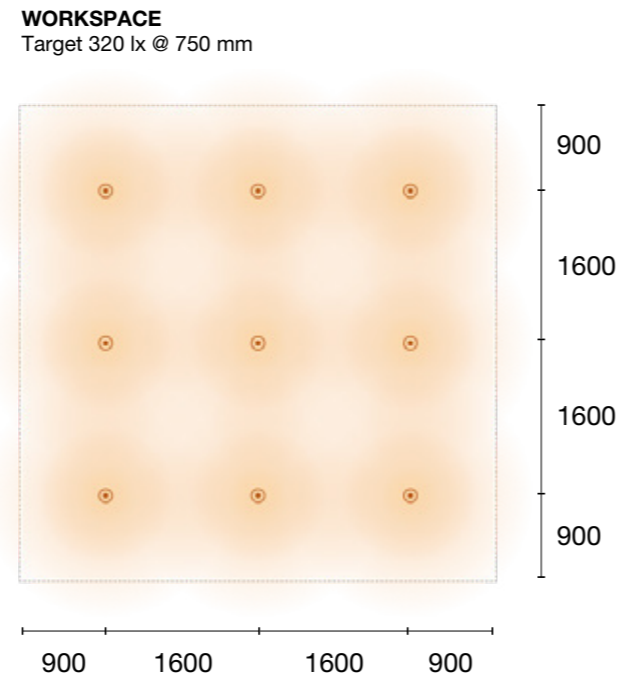




Recommended spacing — continued

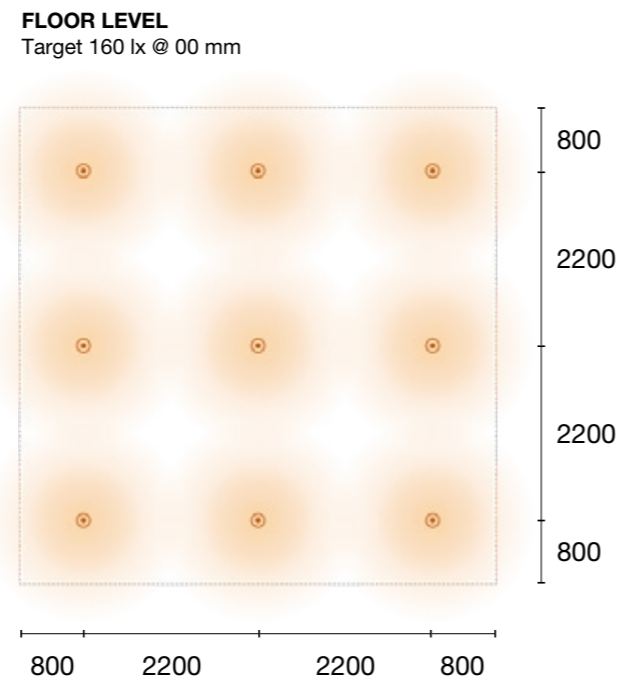
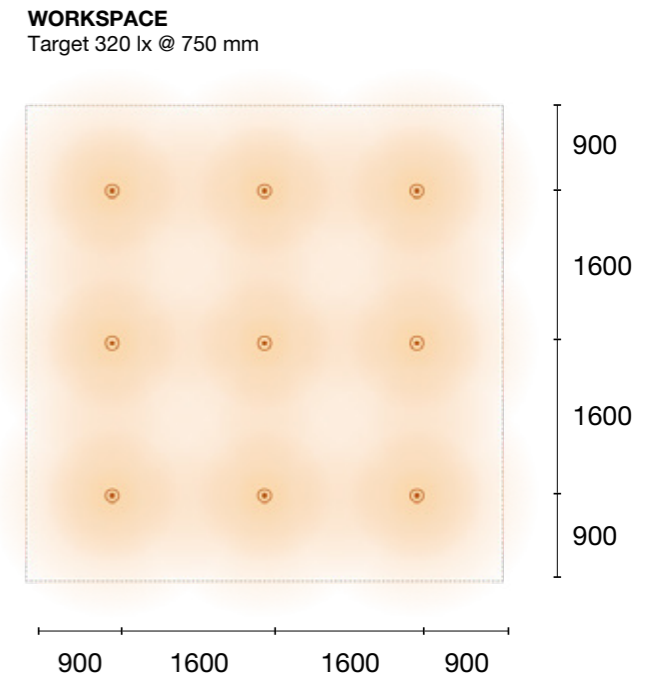
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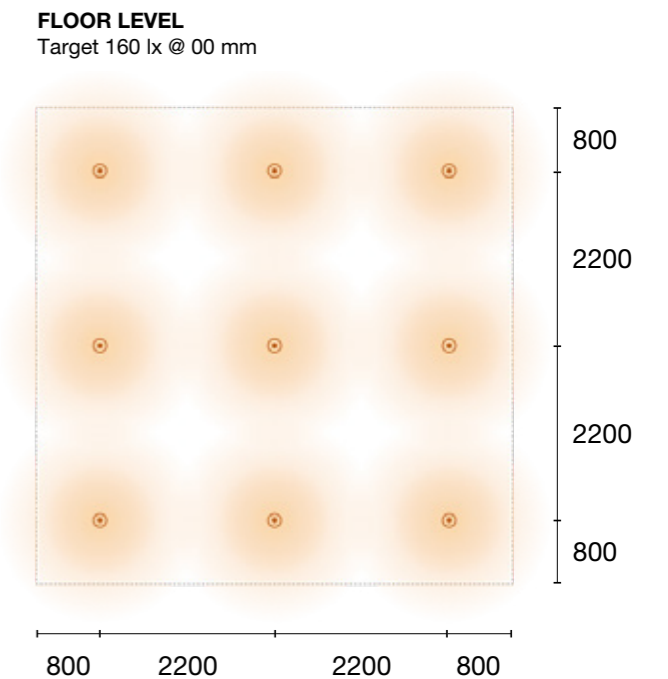


All dimensions in millimetres, centreline to centreline. Calculations modelled in a 5000 × 5000 mm room with a ceiling height of 2700 mm for the workspace scenario, and 6000 × 6000 mm room for the floor level scenario, based on reflectance values of 0.8 ceiling, 0.5 wall and 0.2 floor.

- Downlight Position**
Centreline
- Indicative Illuminance Footprint**
Wider Beam = Wider Spread
- Uniformity (Min/Avg)**
>0.7 Good
0.5–0.7 Acceptable
<0.5 Consider Application



XDJ10
Compact Curved · Wide Beam · 4000K · CRI 90+
Same spacing and uniformity as the XDC10 and XDG10, but the XDJ10 is IP65 rated. The grid performs identically — the difference is where it can be installed. Wet areas, shower recesses and covered outdoor spaces all suit the same spacing as an interior wide beam fitting.



XDK10
Curved Face · Wide Beam · 4000K · CRI 90+
The highest average output in the group, 380 lx in the workspace, 218 lx at floor level at the same spacing as every other wide beam fitting. Fixed geometry gives it the efficiency edge: no gimbal, more light reaches the plane directly, perfect uniformity at floor level.

Calculation	Spacing	Wall Offset	Avg Achieved	Min	Uniformity
Workspace	1600 mm	900 mm	380 lx	343 lx	0.9
Floor Level	2200 mm	800 mm	218 lx	207 lx	1.0

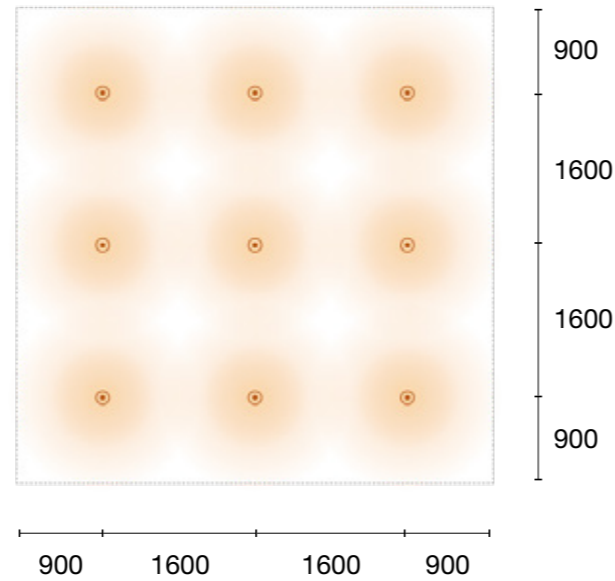
Calculation	Spacing	Wall Offset	Avg Achieved	Min	Uniformity
Workspace	1600 mm	900 mm	363 lx	329 lx	0.9
Floor Level	2200 mm	800 mm	209 lx	198 lx	1.0

Recommended spacing — continued

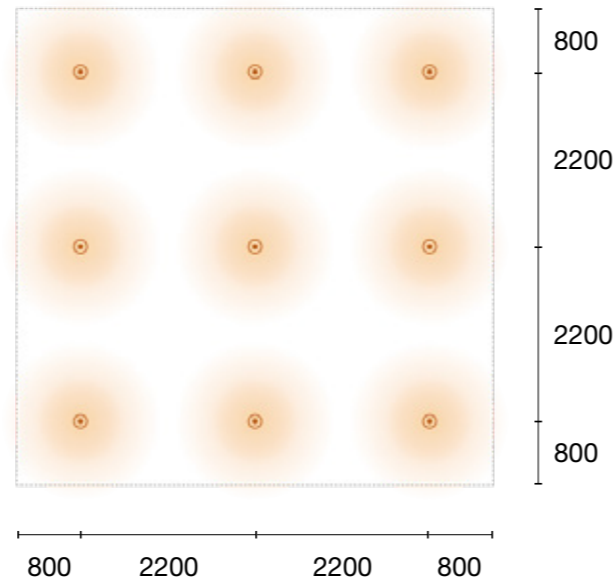
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WORKSPACE
Target 320 lx @ 750 mm



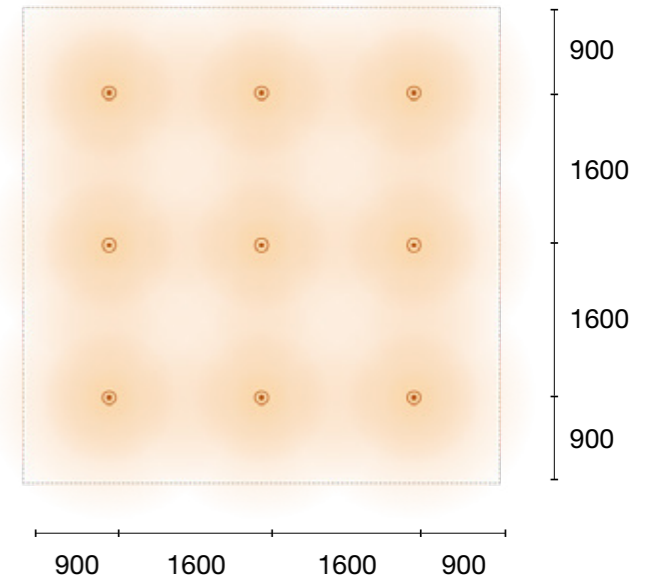
FLOOR LEVEL
Target 160 lx @ 00 mm



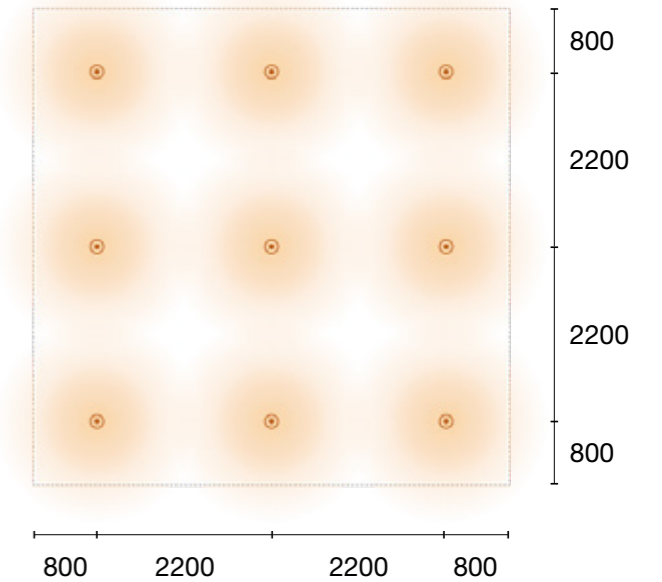
All dimensions in millimetres, centreline to centreline. Calculations modelled in a 5000 × 5000 mm room with a ceiling height of 2700 mm for the workspace scenario, and 6000 × 6000 mm room for the floor level scenario, based on reflectance values of 0.8 ceiling, 0.5 wall and 0.2 floor.

- Downlight Position**
Centreline
- Indicative Illuminance Footprint**
Wider Beam = Wider Spread
- Uniformity (Min/Avg)**
>0.7 Good
0.5–0.7 Acceptable
<0.5 Consider Application

WORKSPACE
Target 320 lx @ 750 mm



FLOOR LEVEL
Target 160 lx @ 00 mm



XDR10

Ultra Low Glare · Medium Beam · 4000K · CRI 90+

The medium beam sits between wide and narrow, same spacing as the wide beam fittings, but with a uniformity that reflects a more focused output. The result is a grid with gentle variation across the plane: brighter at each fitting position, softer between them. Suited to spaces where some depth and shadow are welcome.



XDRL10

Invisible Installation · Wide Beam · 4000K · CRI 90+

Wide beam output with slightly lower uniformity than the XDC10 and XDG10, a consequence of the trimless construction, where the aperture integration affects the light distribution at the edges of each pool. The spacing remains the same; the trade-off is a marginally softer transition between fitting positions in exchange for a ceiling plane with no visible hardware.

Calculation	Spacing	Wall Offset	Avg Achieved	Min	Uniformity
Workspace	1600 mm	900 mm	360 lx	173 lx	0.5
Floor Level	2200 mm	800 mm	198 lx	113 lx	0.6

Calculation	Spacing	Wall Offset	Avg Achieved	Min	Uniformity
Workspace	1600 mm	900 mm	343 lx	278 lx	0.8
Floor Level	2200 mm	800 mm	198 lx	167 lx	0.9



The Miniled XMA downlight range is designed for spaces where light must be precisely directed. Adjustable tilt mechanisms allow the beams to be aimed exactly where needed, making the fittings ideal for highlighting merchandise, feature displays, and key architectural elements.

Engineered with a durable aluminium body and premium COB LED technology, the Miniled XMA series delivers strong output with excellent colour rendering, ensuring products appear vibrant and true to colour. Available in single, dual, and triple gimbal configurations, along with a selection of trim styles and colour temperatures, this series integrate seamlessly into a wide range of commercial applications.

highlight.

accentuate.

showcase.







product summary



XMA10

Single Spot · Square Trim

Single spot accent lighting from a square trim. The XMA10 suits spaces where one precise beam is all that's needed — a hero product, a single artwork, or an architectural detail.

XMA210

Twin Spot · 35° Adjustable

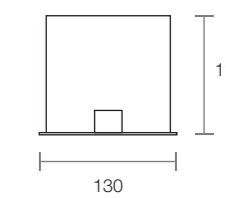
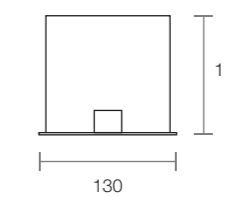
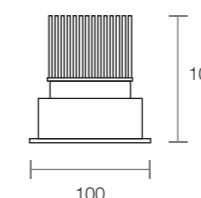
Two independently adjustable spots in a single rectangular trim. Each head tilts up to 35° in two directions, ideal for retail displays and areas where one spot isn't enough but two separate fittings would crowd the ceiling.

XMA310

Triple Spot · 35° Adjustable

Three independently adjustable spots in a single rectangular trim — broad, flexible coverage from one ceiling opening, suited to retail display walls, bar tops and gallery runs where multiple beams are needed without multiple cutouts.

Colour Temperature	2700K 3000K 3500K 4000K	2700K 3000K 3500K 4000K	2700K 3000K 3500K 4000K
Colour Technology	CRI 90+ Standard CRI 93+ Vivid CRI 97+ Standard	CRI 90+ Standard CRI 93+ Vivid CRI 97+ Standard	CRI 90+ Standard CRI 93+ Vivid CRI 97+ Standard
Beam Angle	Narrow Medium Wide	Narrow Medium Wide	Narrow Medium Wide
Trim Colour	White Black Silver	White Black Silver	White Black Silver
Dimensions	100 x 100 x 105 mm	235 x 130 x 110 mm	335 x 130 x 110 mm
Cutout	Circular 89 mm	Rectangular 215 x 110 mm	Rectangular 315 x 110 mm
LED Power	10.5W	2 x 10.5W	3 x 10.5W
LED Type	COB	COB	COB
Luminous Flux	1070 lm @ 4000K	2398 lm @ 4000K	3597 lm @ 4000K
Efficacy	91.4 lm/W @ 4000K	102.5 lm/W @ 4000K	102.5 lm/W @ 4000K
Lifetime	50,000 hours (L90 B10)	50,000 hours (L90 B10)	50,000 hours (L90 B10)
Driver	Leading & Trailing Edge DALI 1-10V	Leading & Trailing Edge DALI 1-10V	Leading & Trailing Edge DALI 1-10V
IP Rating	IP20	IP20	IP20



The fire rated range is designed for spaces where compliance and performance must coexist. Rated FRL -/60/60 in accordance with AS 1530.4, the XFA10 and XFB10 meet the fire safety requirements of residential and commercial ceilings without compromising on light quality or finish.

Featuring a built-in slide switch for on-site CCT and wattage selection, this range eliminates the need to pre-specify colour temperature at order. IC-4 rated and IP65 sealed, they install directly over insulation in wet or dry areas.

protect.

comply.

perform.





product summary



XFA10-TRI

Fire Rated · Magnetic Face

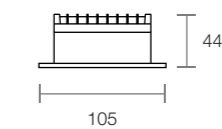
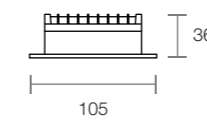
The XFA10 suits corridors, stairwells and any ceiling requiring a certified fire rating. The magnetic face plate swaps in seconds, and the built-in slide switch lets the electrician select CCT and wattage on site.

XFB10-TRI

Fire Rated · Twist-lock Plate

Designed with an opal diffuser for soft, even distribution. Better suited to general areas where broad, glare-free coverage is preferred. Twist-lock face plate and on-board CCT switching simplify both installation and specification.

	Tri-colour Switchable	Tri-colour Switchable
CCT Technology	3000K 4000K 5700K	3000K 4000K 5700K
Colour Temperature	CRI 80+ Standard	CRI 80+ Standard
Colour Technology	Wide	Wide
Beam Angle	White Black	White Black
Trim Colour	Ø105 x 36 (H) mm	Ø105 x 44 (H) mm
Dimensions	Circular 90 mm	Circular 90 mm
Cutout	10W	10W
LED Power	SMD	SMD
LED Type	1152 lm	960 lm
Luminous Flux	120 lm/W	100 lm/W
Efficacy	50,000 hours	50,000 hours
Lifetime	Non-dimmable DALI	Non-dimmable DALI
Driver	FRL -/60/60	FRL -/60/60
Fire Resistance Level	IP65 (from below)	IP65 (from below)
IP Rating		



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