

alteme[®]



LIOR
My Light

LIOR AS UNIQUE AS YOUR TASTE

Let LIOR show your spaces in their best light. The Hebrew name means “my light” and it perfectly describes the adaptability of this innovative LED light with darklight technology. You can choose to equip it with Viewlight, decorative ring or guard to suit the design of your own space. Two colour temperatures as standard, five beam angles and three different control options allow you to create your very own individual light solution.

INSPIRATION

LIGHT MEETS POSSIBILITY. CREATE YOUR OWN PERSONAL LIGHTING SOLUTION WITH A WIDE ARRAY OF CUSTOMISATION OPTIONS



Our light should be as unique as we are.



Flawless de-glaring means that light is only visible where you want it to be.



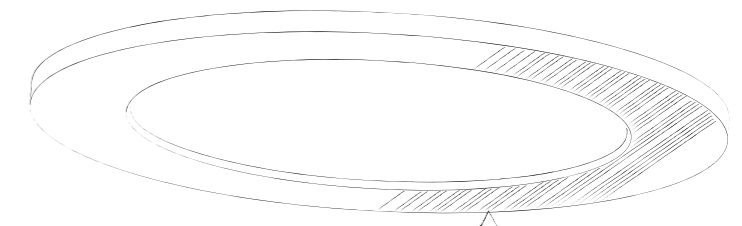
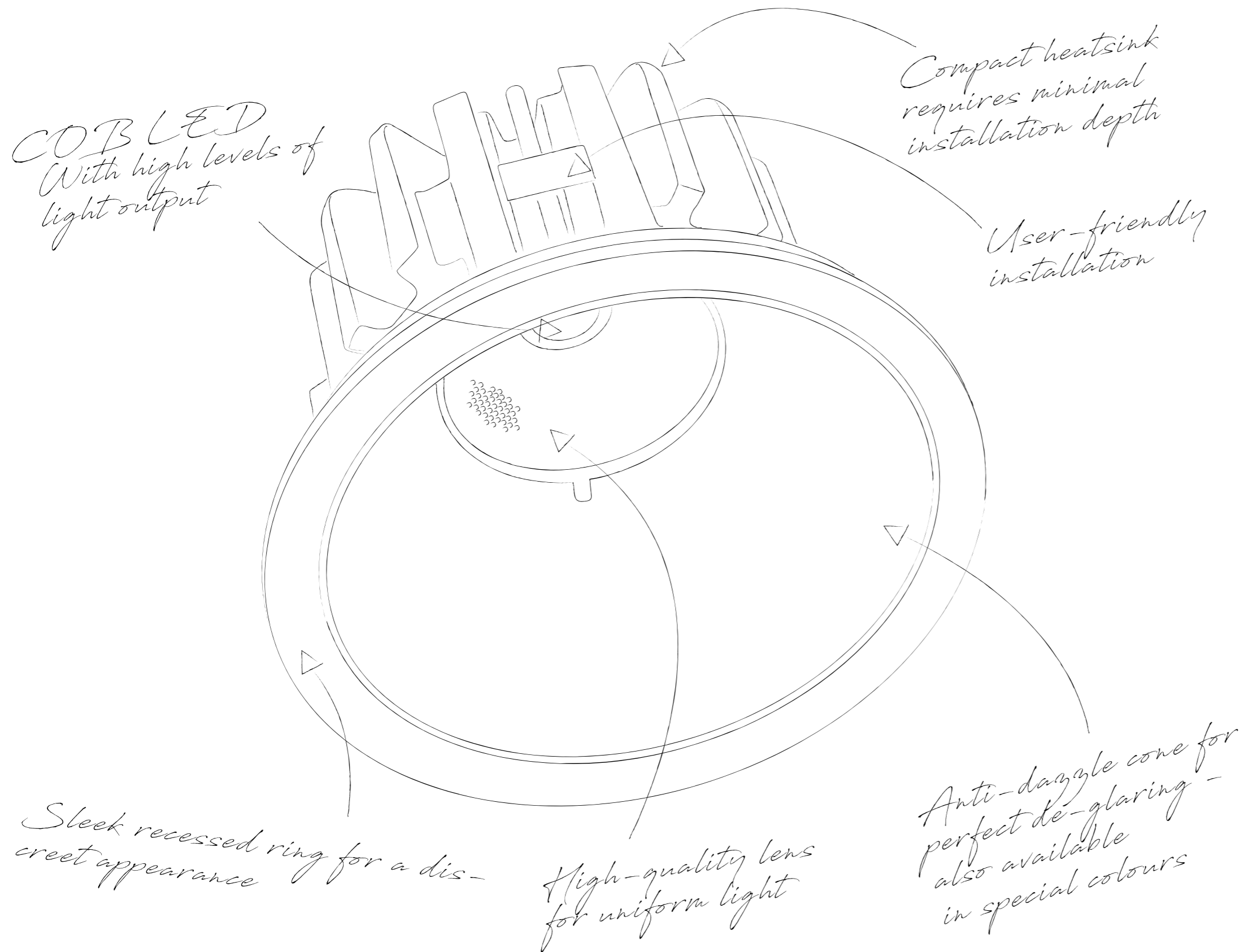
All lighting applications require the best possible colour reproduction.



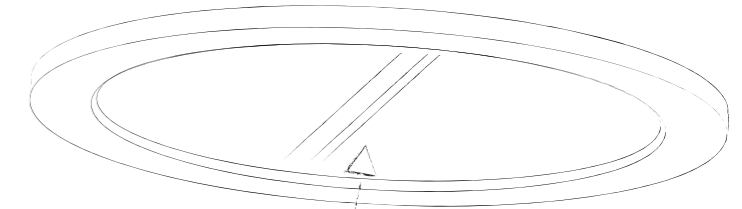
Creates a feeling of satisfaction whether switched on or off.

CONCEPT

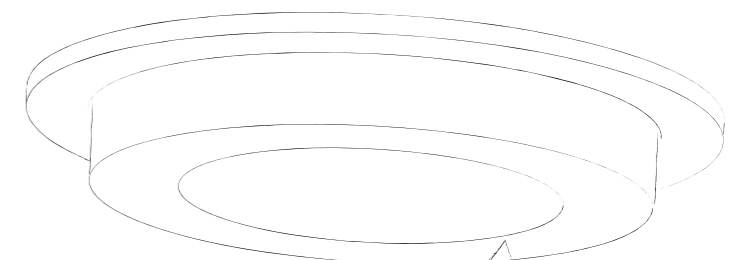
WE USE QUALITY AND PRECISION TO STRIVE FOR LIGHTING SOLUTIONS WHICH PERFECTLY MEET YOUR NEEDS.



*Elegant decorative
ring can be designed
according to individual
wishes*



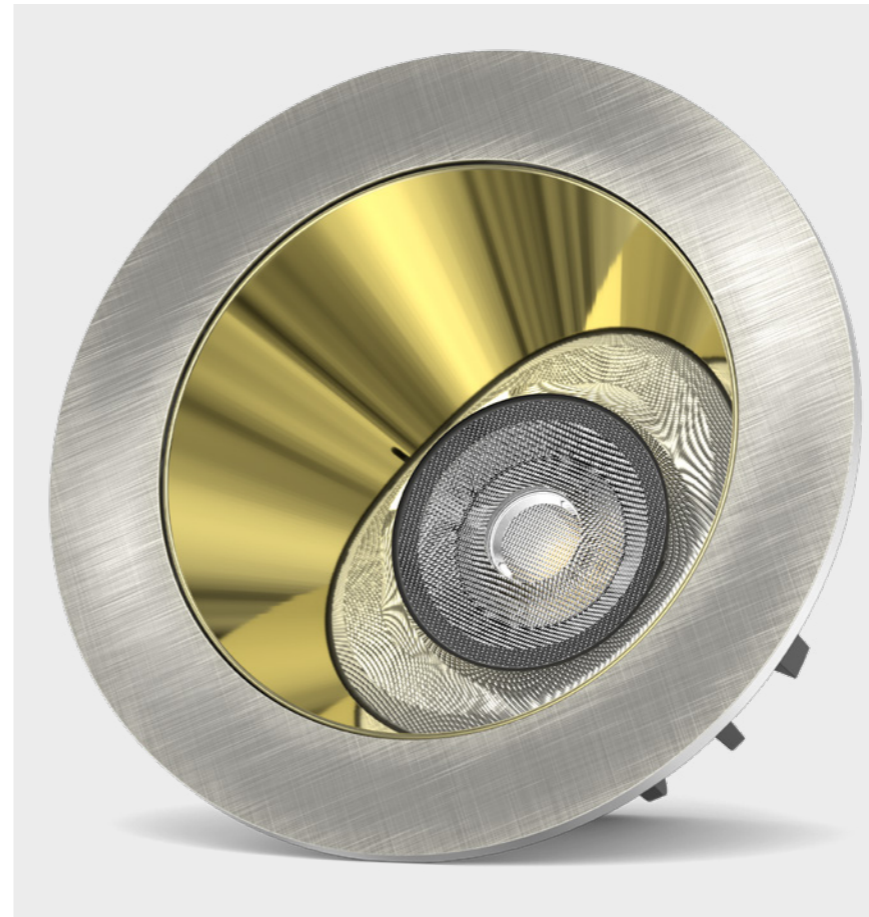
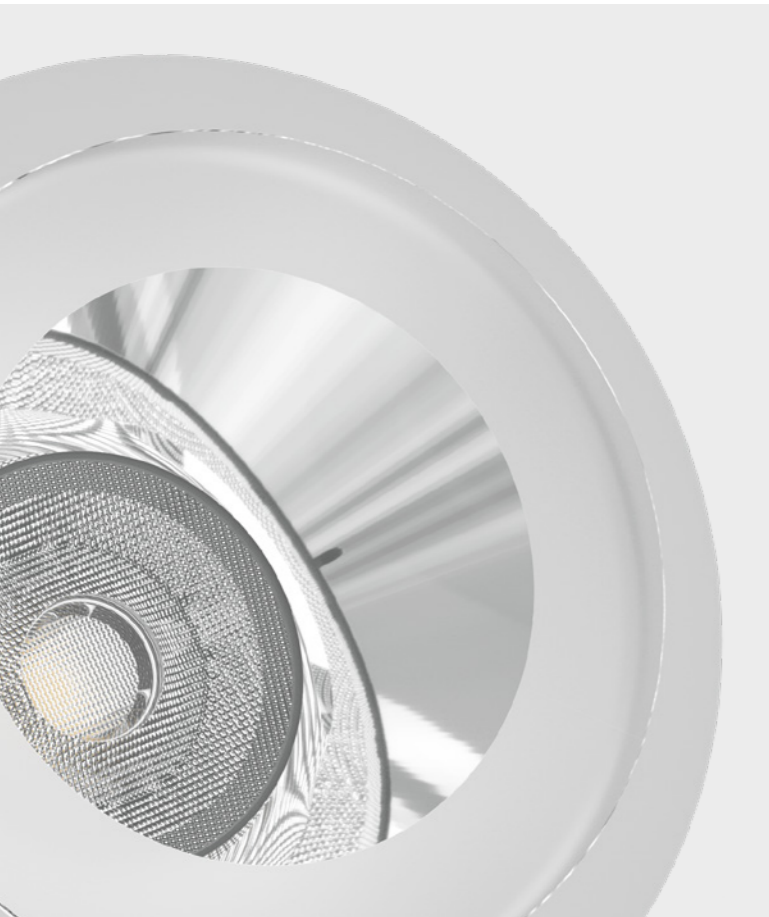
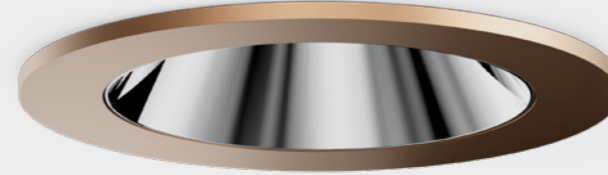
*Protective glass allows even
wet rooms to be lit perfectly*

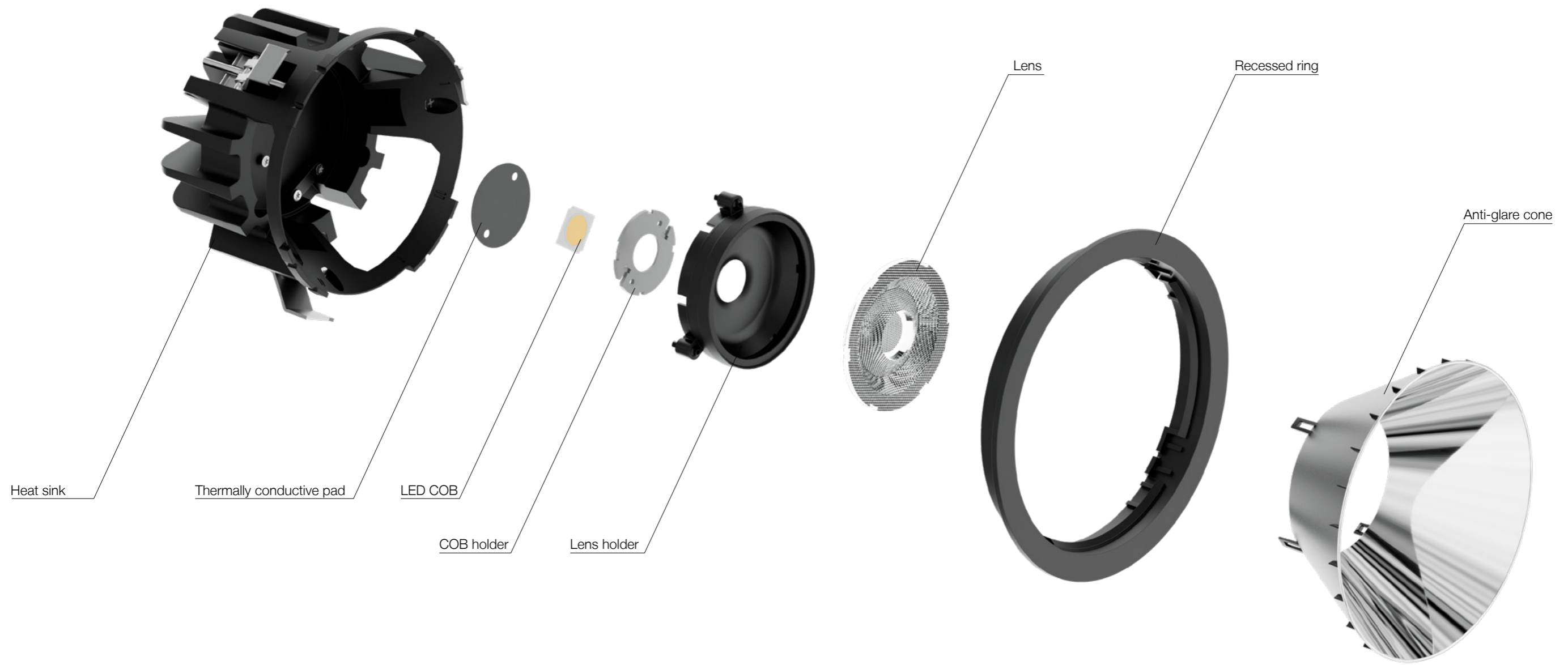


*Viewlight for that
special bright spot
in the room*

PRESENTATION

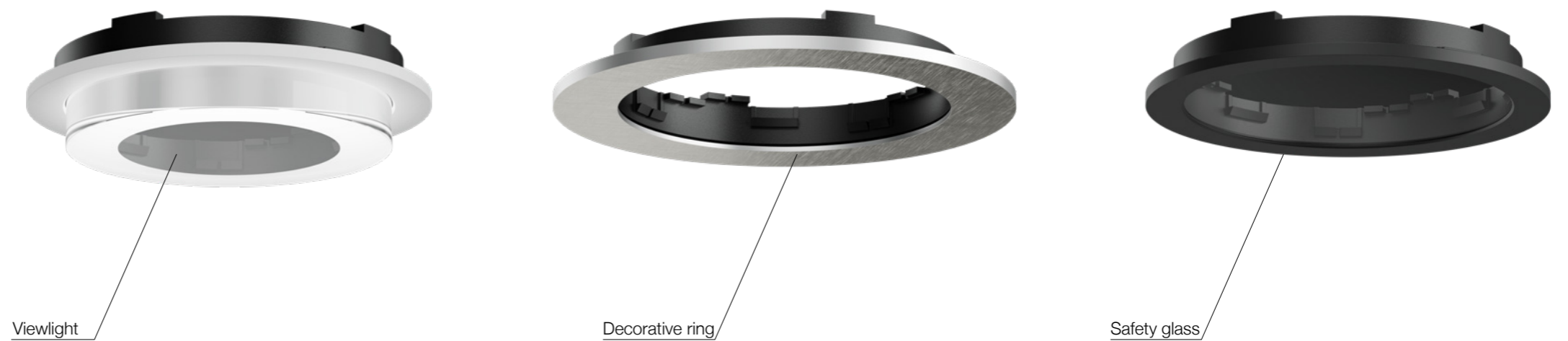
LIOR – PERFECT DE-GLARING, VARIETY OF LIGHTING EFFECTS.
PRECISE LIGHT CONTROL FOR IMPRESSIVE ILLUMINATION AND AN ATMOSPHERIC AMBIENCE





HIGH-QUALITY AND COMPACT TECHNOLOGY

LIOR downlights are leading the way with their impressive, intelligent design and innovative technology. The high-quality LED technology provides long-lasting, efficient, natural illumination. The focus is on the ability to expand and adapt the light to meet individual expectations. A variety of expansion options allow you to design your own lighting systems. From precise light direction to wireless control – every option is available to you for creating your own tailor-made lighting solution. The perfect combination of modern technology, considered design and flexible options for adaptation.



APPLICATION

LIOR CAN BE INTEGRATED SUBTLY INTO THE ENVIRONMENT WHILE STILL PROVIDING SPECIFIC ACCENTS

APPLICATION EXAMPLE

Retail situation with LIOR



APPLICATION EXAMPLE

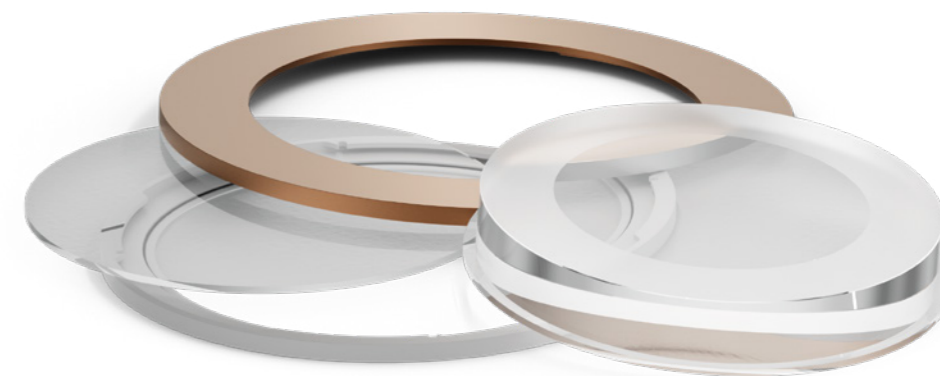
Showroom with LIOR



FEATURES & BENEFITS

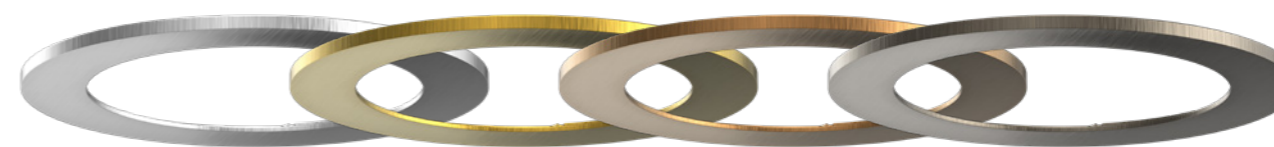
AS MULTI-FACETED AS YOU ARE

Experience LIOR – the professional downlight you can customise to suit you. Perfect size, stylish design and an adjustable accent light for big light output. Let LIOR bring incredible light and style into any indoor space from the entrance hall to the office and lounge.



UNEXPECTED CUSTOMISATION OPTIONS

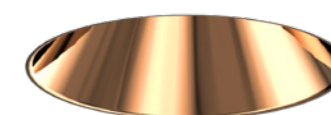
The comprehensive range of options allows LIOR to integrate into the ceiling in either a flamboyant manner or in as unobtrusive a manner as possible while still creating atmosphere. Choose from a variety of sleek recessed rings or premium decorative rings in various colours to add your own personal touch. A spray-proof recessed ring with protective glass enables installation in wet rooms while the innovative Viewlight appearance provides a special lighting accent. The anti-dazzle cone in various colour options allows you to create your own individual atmosphere for the space. You even have the option to use colourways which aren't part of the standard colour palette.



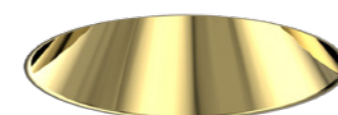
Decorative ring available as standard in silver, gold, copper and antique bronze colours



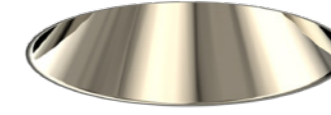
Aluminium
high-gloss



Copper
steamed



Gold
steamed

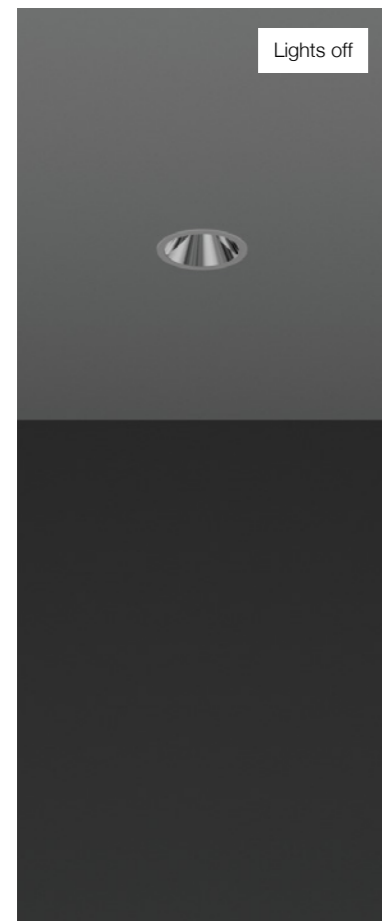


Champagne
protective varnish

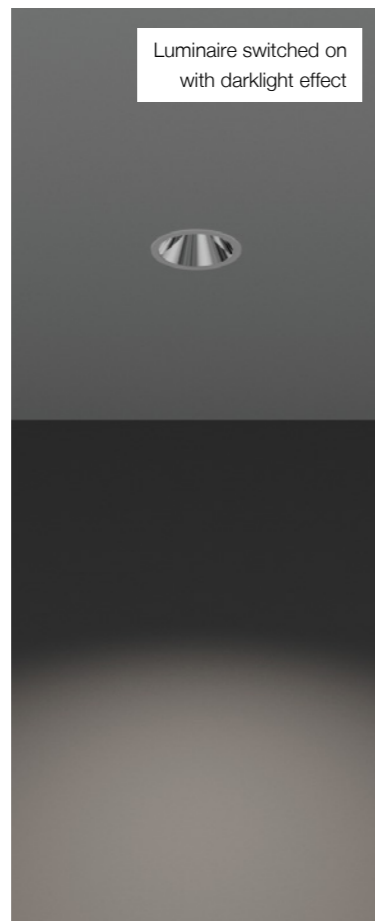


LOTS OF LIGHT – AND NO GLARE

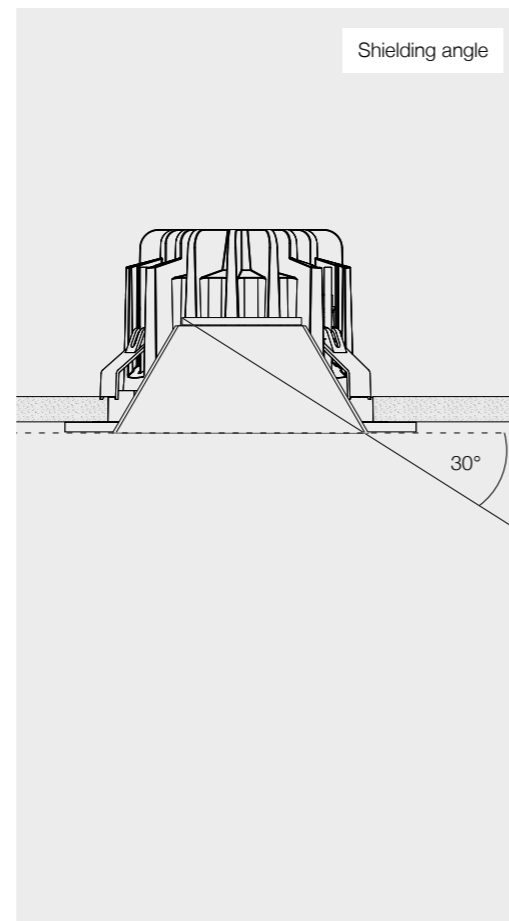
LIOR doesn't just look impressive, it also provides you with perfectly glare-free light. The innovative darklight technology ensures that distracting light is prevented and that your spaces are lit with absolutely no glare. After all, it's the effect of the light that matters, not where it comes from. Enjoy a pleasant, harmonious atmosphere without compromising on light quality. LIOR helps you experience the perfect synthesis of style, efficiency and light quality. The space is brightly light but it's not obvious where the light is coming from.



Lights off



Luminaire switched on with darklight effect



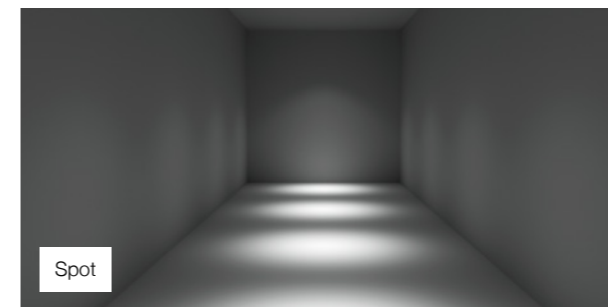
Shielding angle

30°

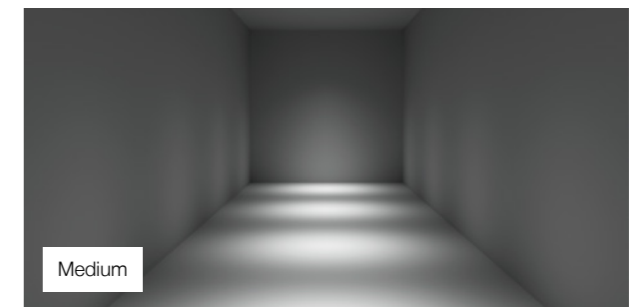


A VARIETY OF SELECTABLE LIGHT EFFECTS

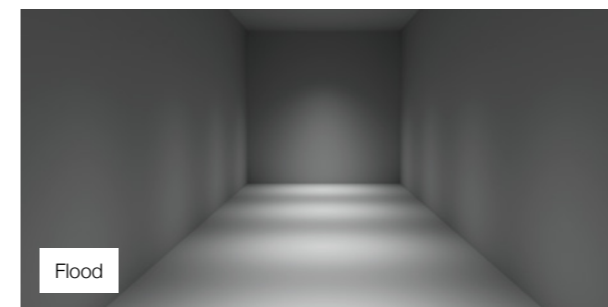
Experience a variety of fascinating lighting effects with LIOR. The high-quality PMMA lens with prismatic embossing directs the light of the LED to precisely where it needs to be in the space. You achieve impressive, precise illumination which helps your spaces shine.



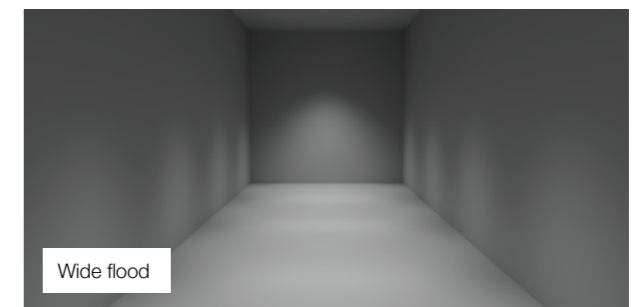
Spot



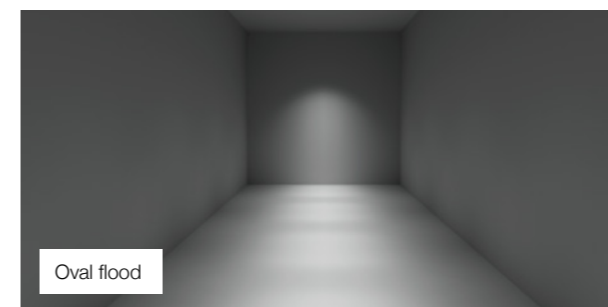
Medium



Flood



Wide flood



Oval flood



TUNABLE WHITE – NATURAL LIKE THE LIGHT FROM THE SUN

With tunable white, the colour temperature can be changed fluidly from a warm light at 2700 Kelvin to daylight at 6500 Kelvin. The mood of the lighting can therefore be varied – regardless of dimming level – from energetic to cosy. The high colour rendering index is maintained over the entire colour temperature spectrum.

COZI – ACHIEVE COSINESS BY SHIFTING THE COLOUR TEMPERATURE THROUGHOUT THE DIMMING RANGE

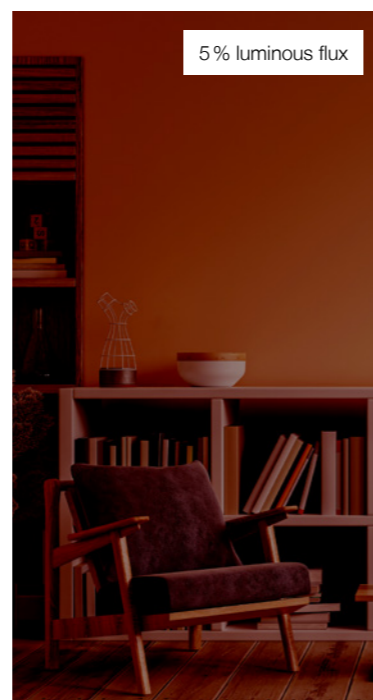
Having the right light colour is essential for a cosy atmosphere in any room. LIOR COZI shifts the colour temperature throughout the entire dimming range – from 2700 Kelvin at full light output to 1800 Kelvin at 1 percent of maximum light output: This means a cooler light colour at higher light intensity and a cosy, warm light colour at lower light intensity, like a romantic sunset.



100% luminous flux



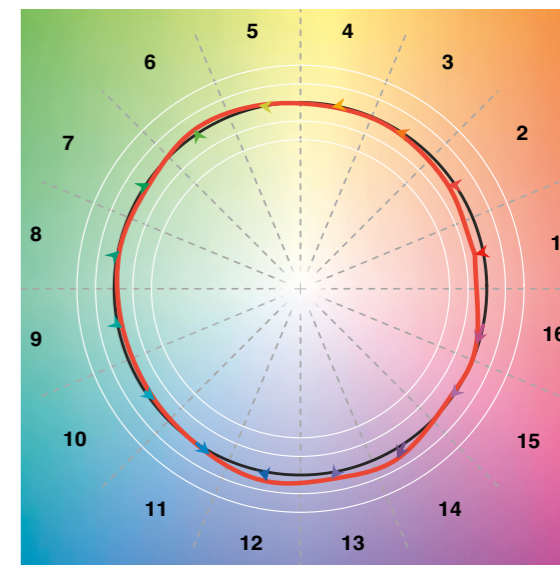
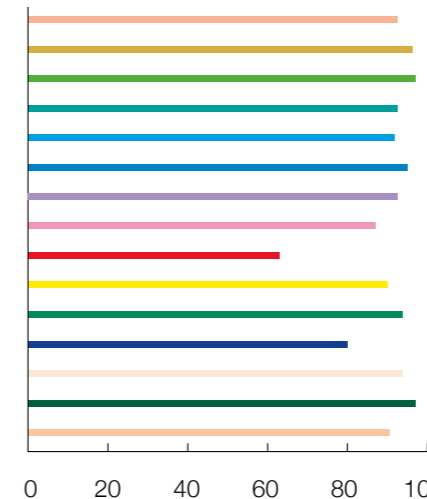
50% luminous flux



5% luminous flux

3000 K COLOUR RENDERING

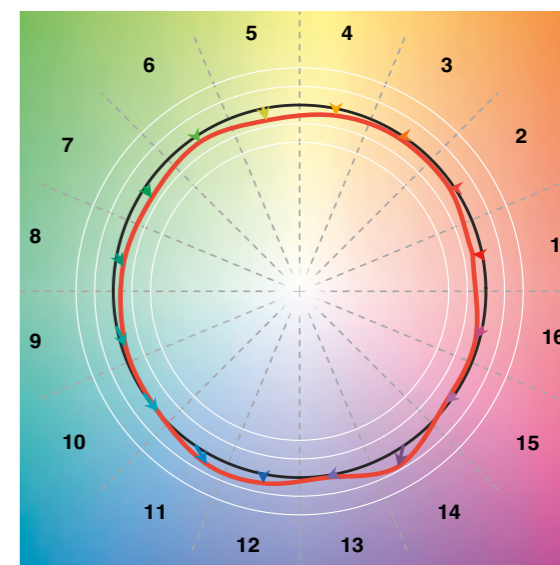
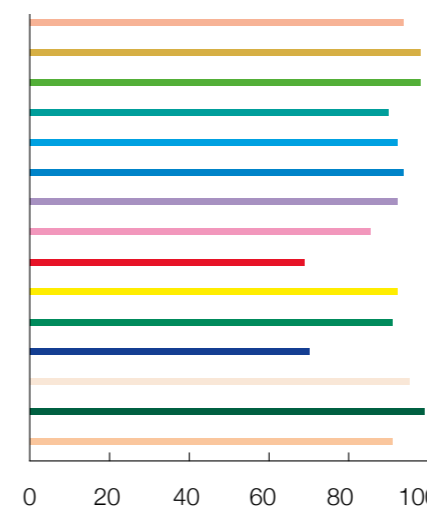
CRI	90
R1	93
R2	96
R3	97
R4	93
R5	92
R6	95
R7	93
R8	84
R9	62
R10	89
R11	94
R12	80
R13	94
R14	97
R15	90
Ra	93



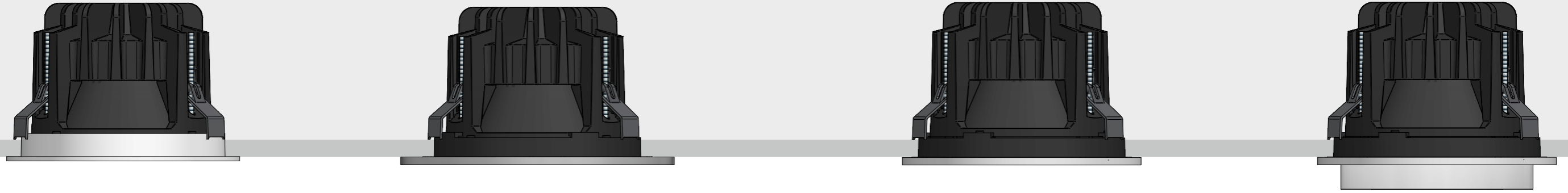
TM-30 3000K CRI 90

4000 K COLOUR RENDERING

CRI	90
R1	94
R2	98
R3	98
R4	90
R5	92
R6	94
R7	92
R8	85
R9	66
R10	92
R11	91
R12	70
R13	95
R14	99
R15	91
Ra	93



TM-30 4000K CRI 90



MODEL OVERVIEW

Types	Ceiling cut-out	Min. installation depth	Recessed ring colour	Activation
LIOR Standard	145mm/157mm	110mm	white/black	On/Off/DALI/Casambi
LIOR Viewlight	145mm	110mm	white/black	On/Off/DALI/Casambi
LIOR decorative ring	145mm	110mm	Brushed aluminium (special colours)	On/Off/DALI/Casambi
LIOR protective glass	145mm	110mm	white/black	On/Off/DALI/Casambi

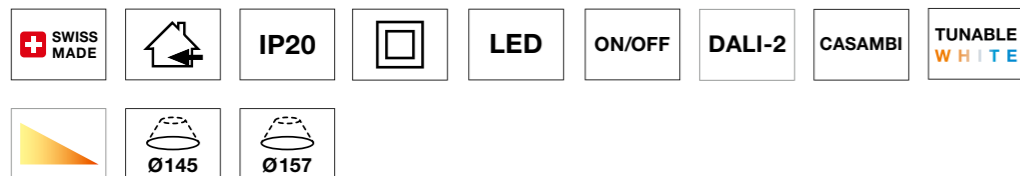
Colour temperature	CRI	Beam angle	Luminous flux	Page
3000K/4000K/COZI/TW	CRI \geq 90	22°/27°/35°/57°/Oval (24°/52°)	1800lm-4100lm	22
3000K/4000K/COZI/TW	CRI \geq 90	22°/27°/35°/51°	1650lm-3650lm	23
3000K/4000K/COZI/TW	CRI \geq 90	22°/27°/35°/57°/Oval (24°/52°)	1800lm-4100lm	24
3000K/4000K/COZI/TW	CRI \geq 90	22°/27°/35°/57°/Oval (24°/52°)	1700lm-3800lm	25



LIOR

THE LARGE DOWNLIGHT WITH PERFECT ANTI-GLARE

LIOR Downlight for recessed ceiling installation. COB Light Engine LED with choice of colour temperatures at 3000 K, 4000 K, tunable white (2700 K to 6500 K) or COZI (2700 K to 1800 K). High level of colour consistency (2 SDCM initially) and good colour rendering (CRI \geq 90). Die-cast aluminium heatsink, powder-coated jet black RAL 9005. PMMA lens optics in a particularly flat design. Darklight anti-dazzle cone made from plastic, with a high-gloss (vaporised) aluminium finish and a colourless scratch-resistant protective coating. Half-value angle spot – wide flood as well as oval flood, shielding angle 30°. Recessed ring with plastic flange in traffic white RAL 9016 or jet black RAL 9005. Direct installation in ceiling cut-out of \varnothing 145 mm or \varnothing 157 mm. Attached with a screw-on flip mounting lever. LED driver optionally On/Off, DALI-2 or Casambi. Secondary cable with adapter for pre-installing the LED driver. Powered by strain-relieved terminal. 2 packing units.



Colour temperatures	3000K/4000K/COZI/TW
Colour rendering	CRI \geq 90
Half-value angles	22°/27°/35°/57°/oval (24°/52°)
Preservation of luminous flux	L80/B10 50,000h
Net luminous flux	1800lm–4100lm
Colour consistency	2 SDCM
Efficiency	95–130lm/W



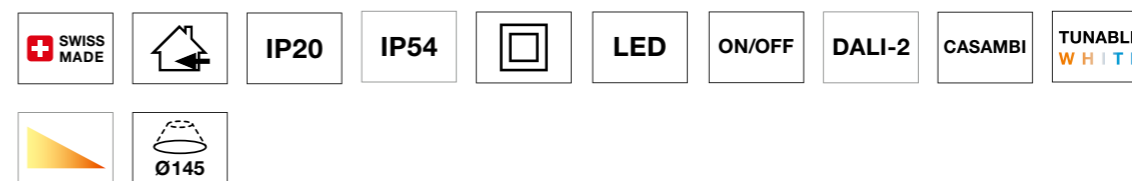
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LIOR Viewlight

A BEAUTIFUL EYE-CATCHER FOR EVERY SPACE

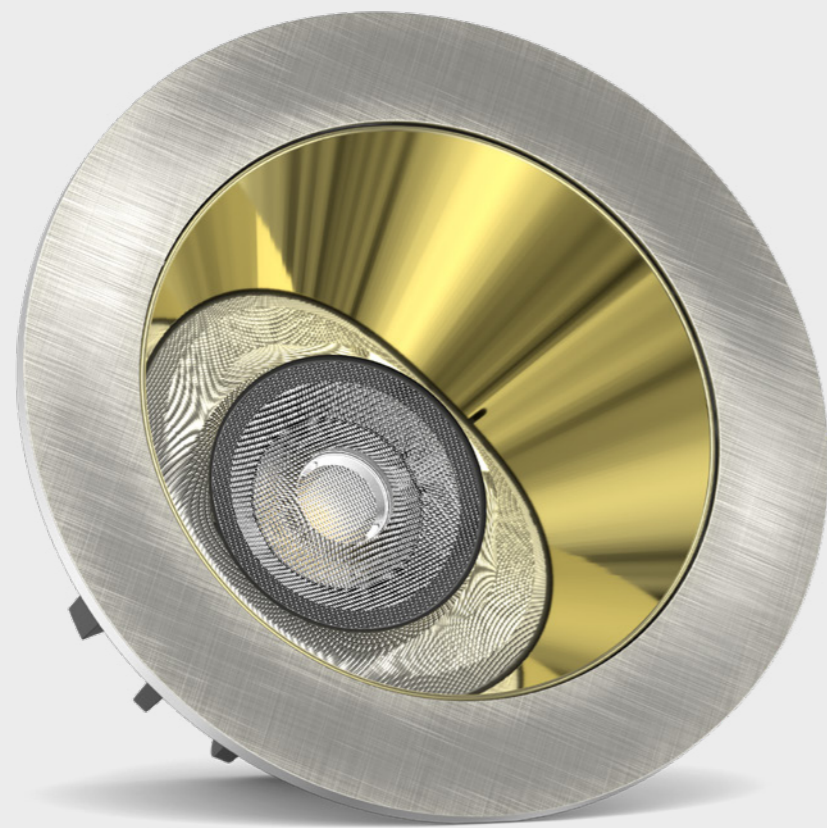
LIOR Downlight for recessed ceiling installation. COB Light Engine LED with choice of colour temperatures at 3000 K, 4000 K, tunable white (2700 K to 6500 K) or COZI (2700 K to 1800 K). High level of colour consistency (2 SDCM initially) and good colour rendering (CRI \geq 90). Die-cast aluminium heatsink, powder-coated RAL 9005. PMMA lens optics in a particularly flat design. Darklight anti-dazzle cone made from plastic, with a high-gloss (vaporised) aluminium finish and a colourless scratch-resistant protective coating. Half-value angle spot – wide flood. Direct installation in ceiling cut-out of \varnothing 145 mm by means of black plastic recessed ring which is not visible once installed. Attached with a screw-on flip mounting lever. Acrylic glass element is polished to a high gloss and part-burnished. IP54 protection rating in installed state. Aluminium mounting ring, powder coated in traffic white RAL 9016 or jet black RAL 9005. LED driver optionally On/Off, DALI-2 or Casambi. Secondary cable with adapter for pre-installing the LED driver. Powered by strain-relieved terminal. 3 packing units.



Colour temperatures	3000K/4000K/COZI/TW
Colour rendering	CRI \geq 90
Half-value angles	22°/27°/35°/51°
Preservation of luminous flux	L80/B10 50,000h
Net luminous flux	1650lm–3650lm
Colour consistency	2 SDCM
Efficiency	90–115lm/W



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LIOR Decorative ring

PREMIUM DECORATIVE RING FOR HIGHLY PERSONAL ACCENTS

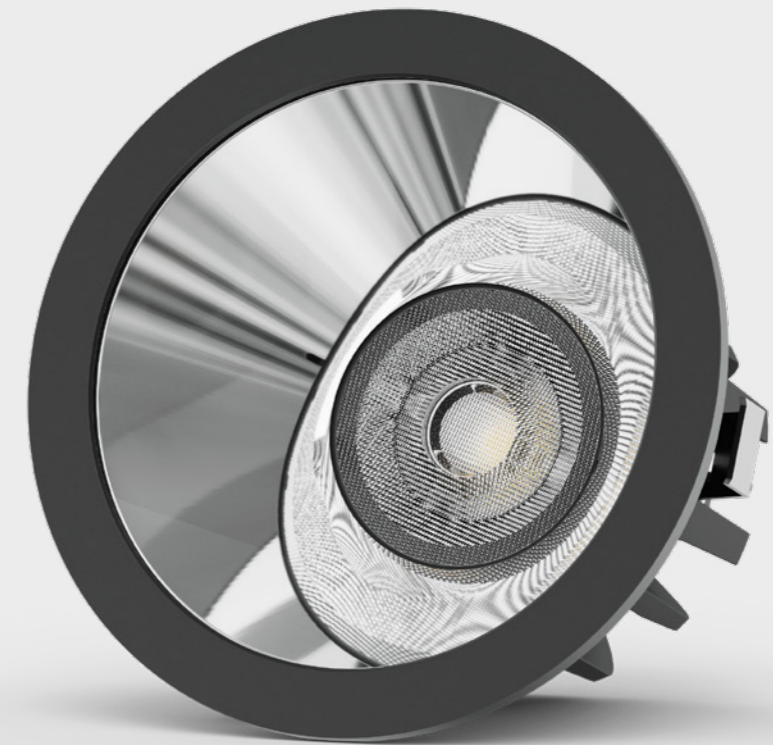
LIOR Downlight for recessed ceiling installation. COB Light Engine LED with choice of colour temperatures at 3000 K, 4000 K, tunable white (2700 K to 6500 K) or COZI (2700 K to 1800 K). High level of colour consistency (2 SDCM initially) and good colour rendering (CRI ≥ 90). Die-cast aluminium heatsink, powder-coated RAL 9005. PMMA lens optics in a particularly flat design. Darklight anti-dazzle cone made from plastic, with a high-gloss (vaporised) aluminium finish and a colourless scratch-resistant protective coating. Half-value angle spot – wide flood as well as oval flood, shielding angle 30°. Direct installation in ceiling cut-out of Ø 145 mm by means of black plastic recessed ring which is not visible once installed. Attached with a screw-on flip mounting lever. Decorative ring with cross-ground surface of anodised aluminium. LED driver optionally On/Off, DALI-2 or Casambi. Secondary cable with adapter for pre-installing the LED driver. Powered by strain-relieved terminal. 3 packing units. The decorative ring is available on request in additional materials and a wide variety of surface finishes.



Colour temperatures	3000K/4000K/COZI/TW
Colour rendering	CRI ≥ 90
Half-value angles	22°/27°/35°/57°/oval (24°/52°)
Preservation of luminous flux	L80/B10 50,000 h
Net luminous flux	1800lm – 4100lm
Colour consistency	2 SDCM
Efficiency	95 – 130lm/W



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LIOR protective glass

A HIGHER DEGREE OF PROTECTION FOR USE IN WET ROOMS

LIOR Downlight for recessed ceiling installation. COB Light Engine LED with choice of colour temperatures at 3000 K, 4000 K, tunable white (2700 K to 6500 K) or COZI (2700 K to 1800 K). High level of colour consistency (2 SDCM initially) and good colour rendering (CRI ≥ 90). Die-cast aluminium heatsink, powder-coated RAL 9005. PMMA lens optics in a particularly flat design. Darklight anti-dazzle cone made from plastic, with a high-gloss (vaporised) aluminium finish and a colourless scratch-resistant protective coating. Half-value angle spot – wide flood as well as oval flood. Direct installation in ceiling cut-out of Ø 145 mm by means of black plastic recessed ring which is not visible once installed. Attached with a screw-on flip mounting lever. Protective glass with IP54 protection rating in installed state. Aluminium mounting ring, powder coated in traffic white RAL 9016 or jet black RAL 9005. LED driver optionally On/Off, DALI-2 or Casambi. Secondary cable with adapter for pre-installing the LED driver. Powered by strain-relieved terminal. 3 packing units.



Colour temperatures	3000K/4000K/COZI/TW
Colour rendering	CRI ≥ 90
Half-value angles	22°/27°/35°/57°/oval (24°/52°)
Preservation of luminous flux	L80/B10 50,000 h
Net luminous flux	1700lm – 3800lm
Colour consistency	2 SDCM
Efficiency	90 – 120lm/W



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GENERAL NOTES

GENERAL INFORMATION

We reserve the right to make technical and design changes to our products owing to new technical developments. The images and descriptions reflect the products as they were when this luminaire brochure went to print. Errors are reserved. We would be happy to provide up-to-date documents on request.

All dimensions are given in millimetres.

SYMBOLS AND ACRONYMS



Swiss quality product made in Aarau



Only for use indoors



Protection against the ingress of solid foreign bodies measuring more than 12 mm in diameter



Luminaires in protective class II



LED lamps can be replaced at the factory



Commutable: Turned on/off



Dimmable ballast in accordance with the DALI 2 standard



Lighting control system for room-based applications and wireless control via smartphone



The colour temperature can be freely adjusted from 2700 K to 6500 K



DC operation possible, product suitable for emergency power (see operating device label)



Warmdim-LED with colour temperature shift when dimming from 2700K at 100% to 1800K at 1%



Diameter of the ceiling cut-out

TECHNICAL AND ABBREVIATIONS

Φ Ng [lm]
Total net luminous flux

CCT
Colour temperature (in Kelvin)

CRI
Colour rendering index

FWHM
Half-value angle

lm
luminous flux (lumen)

INTERESTED?

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