

iMAX[®]
by  DELTALIGHT[®]

SOFT CEILING®

The Soft Ceiling® concept enables you to create discrete but diverse lighting scenographies, using one luminaire type. It allows architects and designers to work with different lighting applications, beams, effects, filters and output levels, using unobtrusive and glare-free fixtures for a zero-sightline ceiling.

Thanks to precise engineering, the use of superior reflector materials and a multitude of options, Soft Ceiling® fixtures guarantee optimal optic performance and maximum eye comfort. The vast range of options allow you to work with a Soft Ceiling® luminaire throughout the entire project, meeting the different needs of each room, without unnecessary cluttering of the ceiling.

ADVANTAGES OF SOFT CEILING®



Optimal eye comfort,
designed to minimize
glare & eyestrain



Clean sightlines,
minimal appearance



One Luminaire type
for multiple lighting
scenographies



Special optics for
even light distribution



Avoid reflection



Full focus on
the light instead
of the luminaire



Available with new
Soft Dim technology,
replicating the dimming
behaviour of a conventional
halogen lamp.

Soft Cells









iMAX[®]

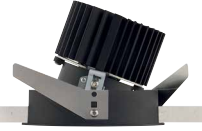
**The iMax[®] range is the first collection
in the Soft Ceiling[®] concept.**

**The name stands for maximum eye comfort -
and minimal visual appearance, offering a vast
range of high performing and discrete lighting
solutions.**

The Delta Light iMax[®] range is developed for
minimum visual impact and as an easy tool for
lighting design. The deeply recessed light source
combines a discreet appearance with a controlled
and precise light effect.



With **Soft Dim**, not only is the light intensity dimmed but the colour temperature as well. Just like with halogen lamps. The user experiences this as a smooth, gentle transition from 2700 to 1800K.



iMAX® ADJUSTABLE

A versatile accent lighting solution. For emphasising of individual objects or architectural elements. The tilt mechanism which allows the luminaire to be angled up to 30° is engineered with precision for optimum beam alignment. As a result, the light is emitted exactly where it's needed. The tilting indicator and double locking system enable precise alignment of multiple fixtures.



30°
ADJUSTABLE
& LOCKABLE



iMAX® ADJUSTABLE TRIMLESS

Ultimate minimalism combined with maximum eye comfort. This version comes with a trimless mounting kit enabling quick and precise installation and finishing. The interchangeable black, white or gold insert allows you to match the fixture with its surroundings and sets the mood of the light; gold for extra warmth, black further reducing glare. A smooth finish matched with maximum lighting comfort.



iMAX® WALLWASH

The high performance soft ceiling® wallwasher creates evenly illuminated walls. The especially designed reflector enables uninterrupted and homogenous illumination of the wall, from floor to ceiling. To obtain best result, follow the recommended spacing and set out from the wall.



iMAX®

Uniform light for general, glare-free illumination for all areas of application. A discrete appearance combined with a multitude of options, including different beams, outputs, colour temperatures, CRI and colour finishes. A timeless, highly functional and unobtrusive architectural lighting tool.

Lots of Options

The **iMAX®** collection is a wide range of minimal recessed light fixtures, combining a discrete presence with high quality results. You can choose from fixed or **adjustable, trimless or with trim, and a wallwash version**, each one available with different light sources and finishes. There is also a choice of IP rated fittings in the different models. While the wallwasher comes in LED only, the other three versions can be equipped with either LED, halogen or discharge lamps. Opting for LED opens a wide array of possibilities with lumen packages ranging from 400 to 2000 lumens and with beam angles starting at 6 degree going to 43. This new product range enables architects and designers to do their own lighting design, made easy by using the iMax as a toolbox with different beam angles and accessories.



One cut-out for multiple versions:
Fixed / Adjustable / Wallwash

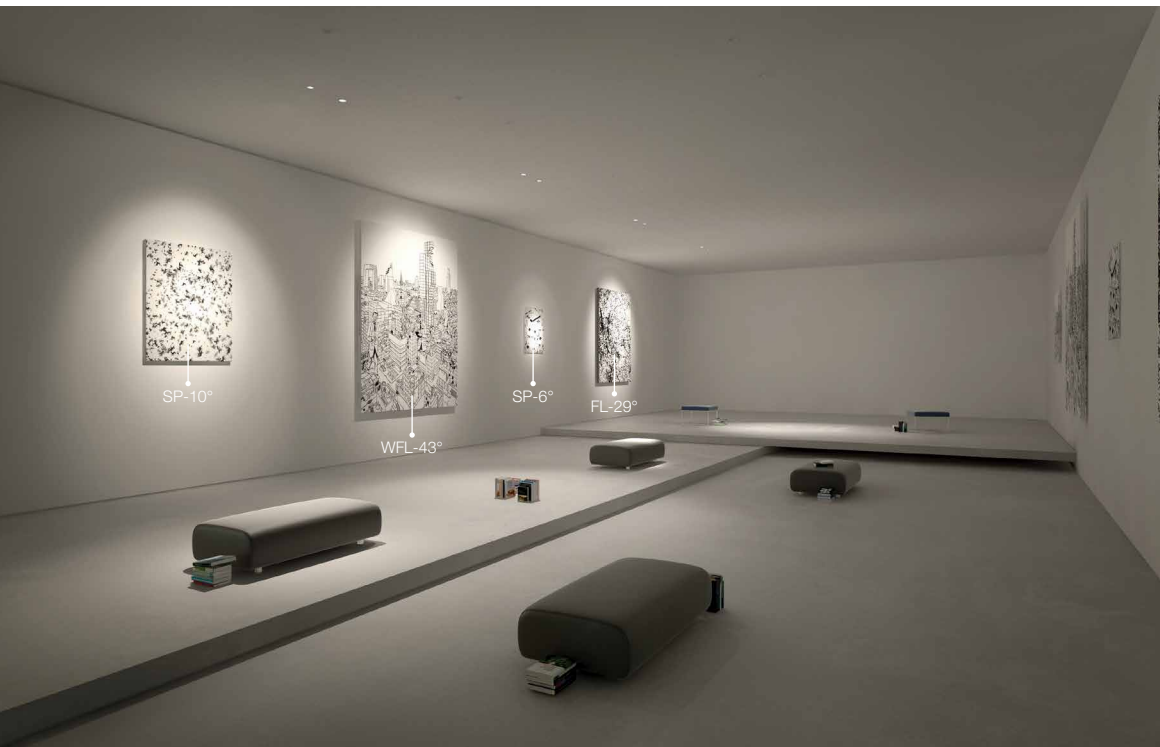
iMAX[®]

Through precise engineering and the use of superior reflector materials together with a great selection of options Soft Ceiling[®] fixtures guarantee optimal optic performance and maximum eye comfort. The large range of options allow you to work with a Soft Ceiling[®] luminaire throughout the entire project, meeting the different needs of each space, without unnecessary cluttering of the ceiling.

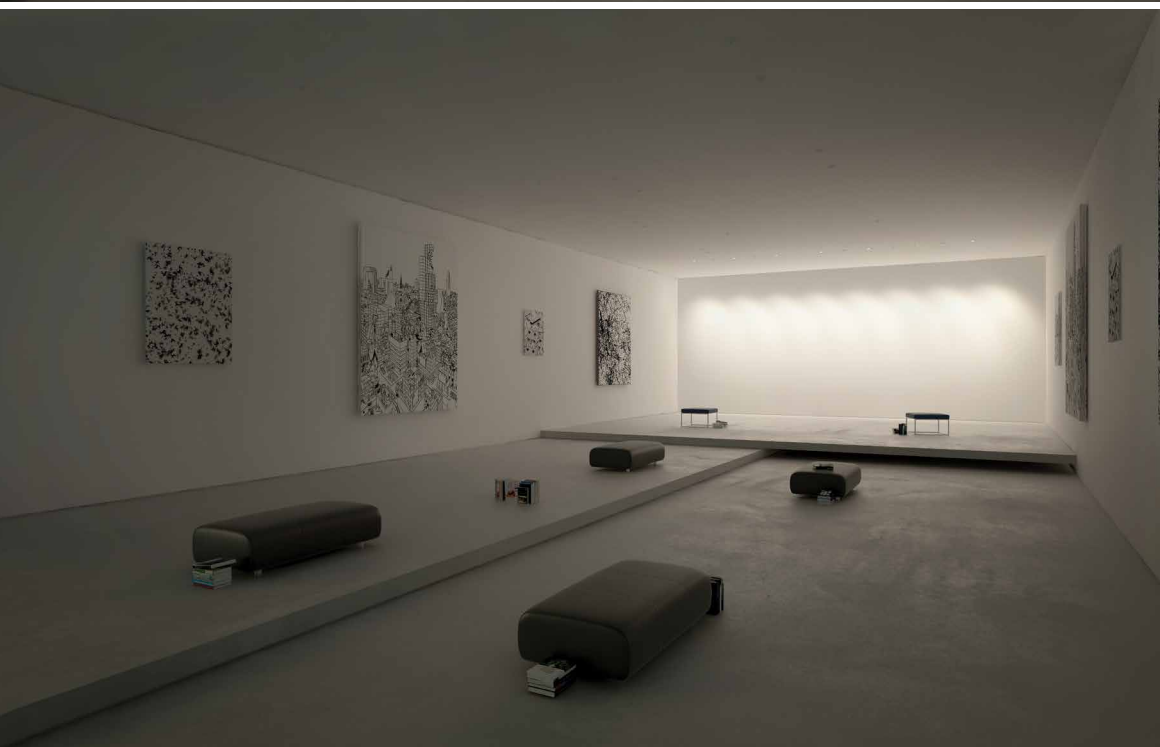
The result is a luxurious feeling with high comfort on the eye. The source of the light is not noticeable when entering a room and there is no glare from the ceiling, only a well-lit environment.



iMax®
 ▼ 4 beams
 Extreme Narrow (SP-6°)
 Narrow (SP-10°)
 Medium (FL-29°)
 Wide (WFL-43°)



iMax® Adjustable - Trimless
 ▼ 4 beams
 Extreme Narrow (SP-6°)
 Narrow (SP-10°)
 Medium (FL-29°)
 Wide (WFL-43°)



iMax® Wallwash
 ▼ 2 beams
 Medium (FL-29°)
 Wide (WFL-43°)

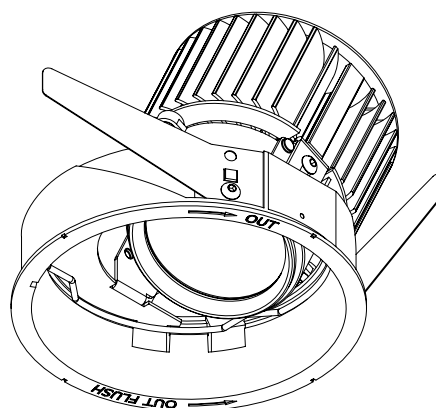
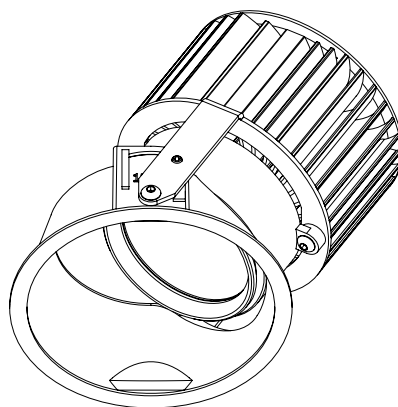
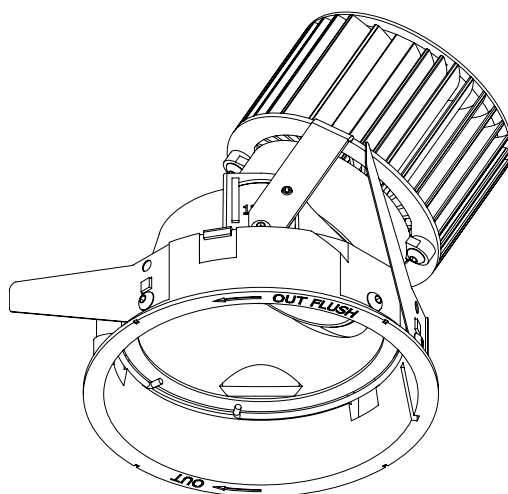
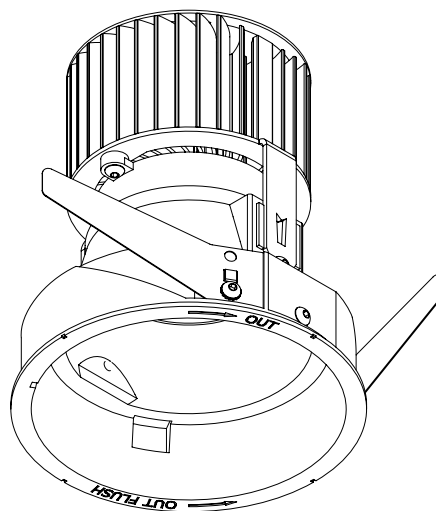
iMAX[®]

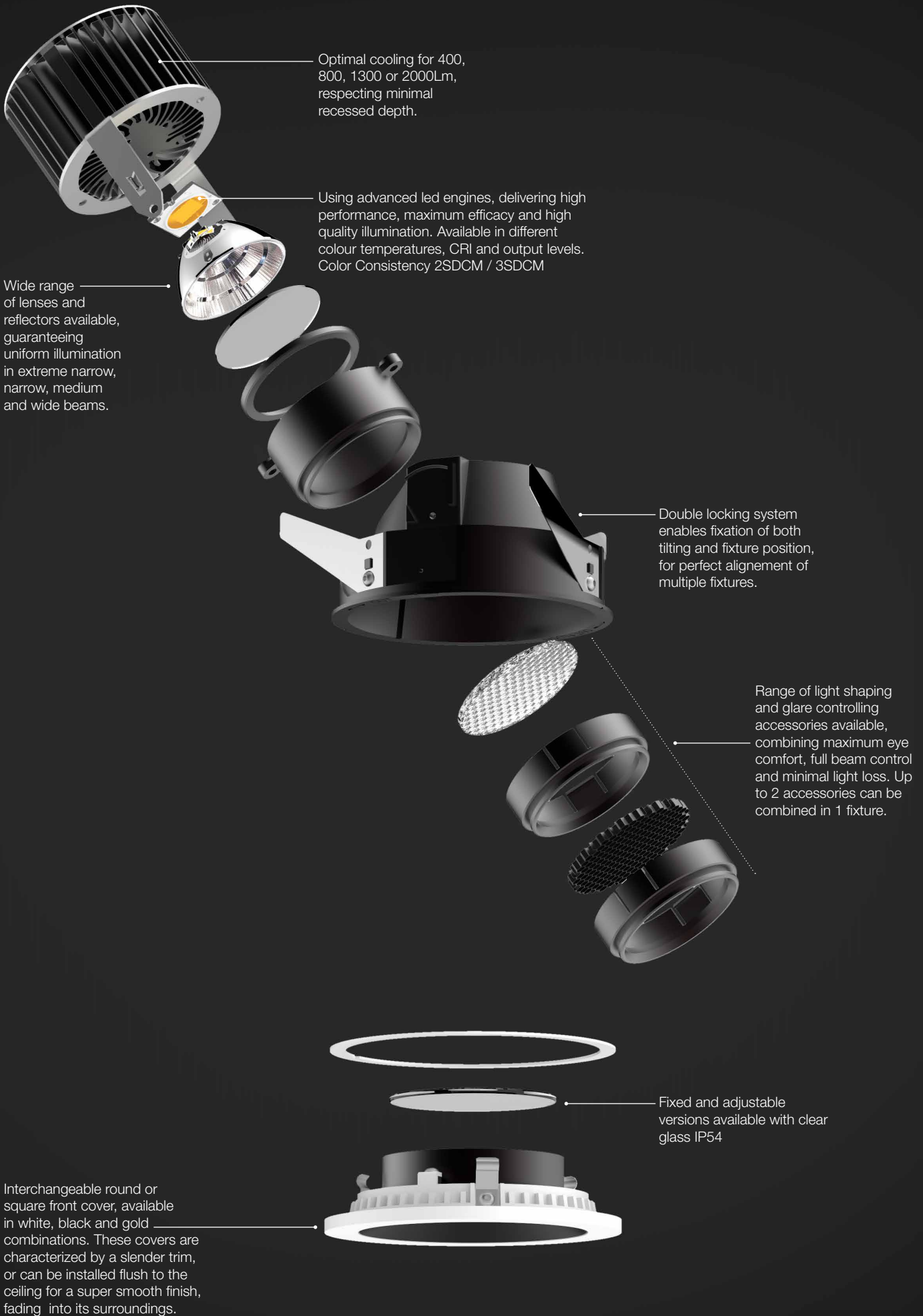
Inhouse R&D

An essential part of the creative process at Delta Light[®] is the extensive in-house design, development, testing, engineering and manufacturing of all products. This enables the company to operate a quick idea-to-market philosophy, resulting in exciting new collections on a regular basis.

Optical performance

The team of engineers at Delta Light[®] are on a continuous quest to match the company's credo for design with energy-efficiency and optimal quality of light. Through extensive in-house testing, advanced knowledge of product development and continuous optimisation of materials used, the iMax collection leads the way in optical performance, durability and efficiency. Throughout all iMax versions the especially designed reflectors guarantee uniform illumination and optimal beam alignment. Premium lenses are used to obtain real spot optics and best industry accuracy and quality.





Optimal cooling for 400, 800, 1300 or 2000Lm, respecting minimal recessed depth.

Using advanced led engines, delivering high performance, maximum efficacy and high quality illumination. Available in different colour temperatures, CRI and output levels. Color Consistency 2SDCM / 3SDCM

Wide range of lenses and reflectors available, guaranteeing uniform illumination in extreme narrow, narrow, medium and wide beams.

Double locking system enables fixation of both tilting and fixture position, for perfect alignment of multiple fixtures.

Range of light shaping and glare controlling accessories available, combining maximum eye comfort, full beam control and minimal light loss. Up to 2 accessories can be combined in 1 fixture.

Fixed and adjustable versions available with clear glass IP54

Interchangeable round or square front cover, available in white, black and gold combinations. These covers are characterized by a slender trim, or can be installed flush to the ceiling for a super smooth finish, fading into its surroundings.



iMAX®

Best lighting quality.

The iMax® Soft Ceiling® range is using the most advanced LED engines available, delivering high performance, maximum efficacy and high quality illumination. The collection features different colour temperatures, CRI and output levels, combined with optimal colour consistency. Throughout all versions especially designed reflectors guarantee uniform illumination and optimal beam alignment. Premium lenses are used to obtain real spot optics and best industry accuracy and quality.

LED

iMAX®	401	---	---	---
iMAX® ADJUSTABLE	402	---	---	---
iMAX® ADJUSTABLE TRIMLESS	403	---	---	---
iMAX® WALLWASH	404	---	---	---

LED				
01 08 BRIDGELUX REFLECTOR 800				
01 20 BRIDGELUX REFLECTOR 2000 (NOT FOR WALLWASH)				
02 04 BRIDGELUX LENS 400 (NOT FOR WALLWASH)				
11 13 XICATO REFLECTOR 1300				
22 02 CREE LENS (NOT FOR WALLWASH)				
31 08 SOFT DIM				

CRI	
8 CRI>80	
9 CRI>90 (XICATO CRI=95)	

COLOUR TEMPERATURE	
2 2700K ●	
3 3000K ●	
4 4000K ● (ON REQUEST)	
0 2700K ● - 1800K ● (ONLY FOR SOFT DIM)	

BEAM ANGLE	
9 SPOT (ONLY FOR LENS-TYPES)	
1 FLOOD (ONLY FOR REFLECTOR-TYPES / EXCEPT XICATO / EXCEPT SOFT DIM)	
2 WIDE FLOOD (ONLY FOR REFLECTOR-TYPES)	

HALOGEN / DISCHARGE

iMAX®	401 60 00 HALOGEN 12V
	401 61 00 HALOGEN GU10 (MAINS VOLTAGE)
	401 80 00 DISCHARGE
iMAX® ADJUSTABLE	402 60 00 HALOGEN 12V
	402 61 00 HALOGEN GU10 (MAINS VOLTAGE)
	402 80 00 DISCHARGE
iMAX® ADJUSTABLE TRIMLESS*	403 60 00 HALOGEN 12V
	403 61 00 HALOGEN GU10 (MAINS VOLTAGE)
	403 80 00 DISCHARGE

iMAX® LUMINAIRE



iMAX® COVER

REQUIREMENT REFERENCE 400 00 ◊

COVER				
11 ROUND (NOT IN COMBINATION WITH TRIMLESS & WALLWASH)				
19 ROUND FLUSH (NOT IN COMBINATION WITH TRIMLESS & WALLWASH)				
21 ROUND IP (NOT IN COMBINATION WITH TRIMLESS & WALLWASH)				
41 ROUND WALLWASH (ONLY FOR WALLWASH)				
55 SQUARE (NOT IN COMBINATION WITH TRIMLESS & WALLWASH)				
30 ROUND TRIMLESS (ONLY FOR TRIMLESS)				

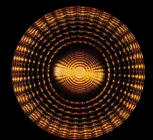
COLOUR	
B-B BLACK-BLACK	
B-MMAT BLACK-GOLD MAT	
W-B WHITE-BLACK	
W-MMAT WHITE-GOLD MAT	
W-W WHITE-WHITE	
B BLACK (ONLY FOR TRIMLESS)	
MMAT GOLD MAT (ONLY FOR TRIMLESS)	
W WHITE (ONLY FOR TRIMLESS)	

Soft Dim Technology

'The revolutionary LED light that dims just like a lamp.'

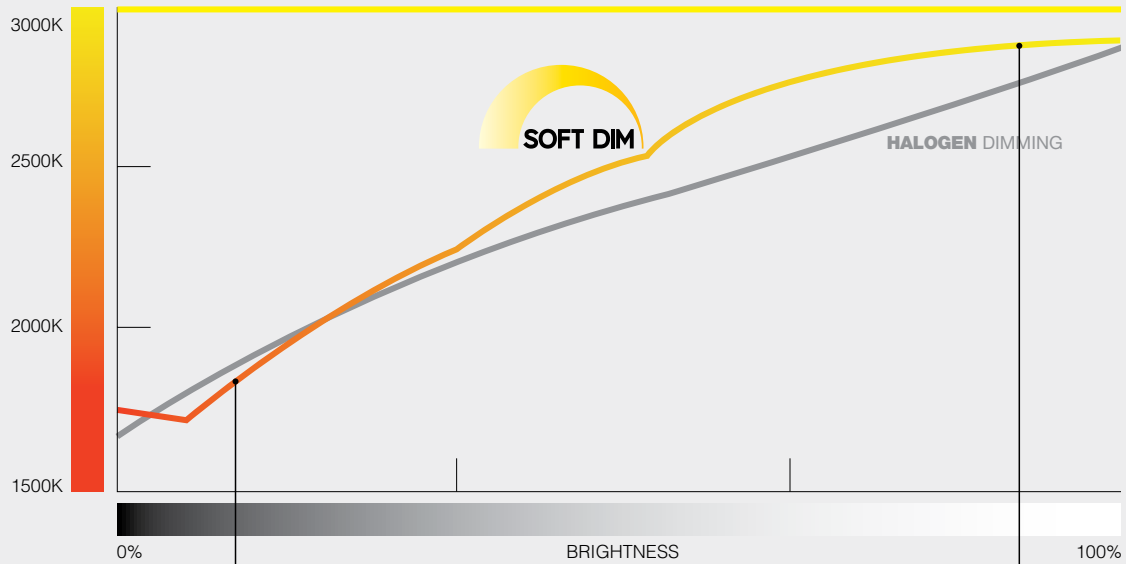
Soft Dim LED technology replicates the dimming behaviour of a conventional lamp where the colour temperature increases in warmth as it's dimmed. This is achieved through the use of specially selected LEDs of different colour temperatures and power types from premium chip manufacturers. Consistency is ensured without complexity with the use of specific and precise LED selection. The LED's selected have colour tolerances that are tighter than 3 SDCM ensuring module-to-module accuracy.

2700K



1800K

led DIMMING



AT 90% DIMMING



AT 10% DIMMING



iMAX[®]
COVERS

IP54

Round



iMAX® COVER ROUND ◇
400 00 11 ◇
 ◇ = B-B / B-MMAT / W-W / W-B / W-MMAT
FOR iMAX® & iMAX® ADJUSTABLE

0,1

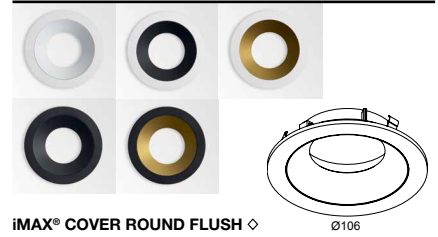
Round IP



iMAX® COVER ROUND IP ◇
400 00 21 ◇
 ◇ = B-B / B-MMAT / W-W / W-B / W-MMAT
FOR iMAX® & iMAX® ADJUSTABLE

0,1

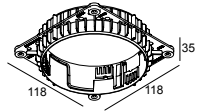
Round Flush



iMAX® COVER ROUND FLUSH ◇
400 00 19 ◇
 ◇ = B-B / B-MMAT / W-W / W-B / W-MMAT
FOR iMAX® & iMAX® ADJUSTABLE

0,1

REQUIREMENTS
 MOUNTING KIT FLUSH
 400 90 01



121 12



iMAX® + iMAX® COVER ROUND W-MMAT

iMAX® ADJUSTABLE + iMAX® COVER ROUND B-MMAT



iMAX® + iMAX® COVER ROUND IP W-B

iMAX® ADJUSTABLE + iMAX® COVER ROUND IP W-W



iMAX® + iMAX® COVER ROUND FLUSH B-B

iMAX® ADJUSTABLE + iMAX® COVER ROUND FLUSH B-MMAT

Wet locations

The fixed and adjustable versions in the range are available with a clear glass, offering IP54. This enables you to continue the Soft Ceiling® minimalism and uniformity throughout bathrooms, wellness areas and other indoor damp locations.

Round Trimless



iMAX® COVER ROUND TRIMLESS ◇
400 00 30 ◇
 ◇ = B / MMAT / W
FOR iMAX® ADJUSTABLE TRIMLESS

0,1

Round Wallwash



iMAX® COVER ROUND WALLWASH ◇
400 00 41 ◇
 ◇ = B-B / B-MMAT / W-W / W-B / W-MMAT
 INCL. 1 x SOFTENING LENS
FOR iMAX® WALLWASH

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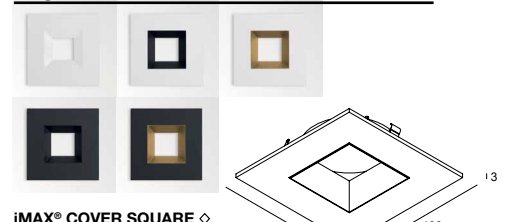


iMAX® ADJUSTABLE TRIMLESS + iMAX® COVER ROUND TRIMLESS W



iMAX® WALLWASH + iMAX® COVER ROUND WALLWASH B-B

Square



iMAX® COVER SQUARE ◇
400 00 55 ◇
 ◇ = B-B / B-MMAT / W-W / W-B / W-MMAT
FOR iMAX® & iMAX® ADJUSTABLE

0,1



iMAX® + iMAX® COVER SQUARE W-B

iMAX® ADJUSTABLE + iMAX® COVER SQUARE B-MMAT



iMAX[®]
ACCESSORIES

for iMax / iMax Adjustable / iMax Adjustable Trimless

iMax® Honeycomb



iMAX® HONEYCOMB ◇
400 03 01 ◇

◇ = B

0,1



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Ø54

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COMBINATION OF MAX. 2 ACCESSORIES



iMAX® + iMAX® COVER
ROUND W-B + iMAX® HONEYCOMB

BEAM / HONEYCOMB

The honeycomb louvre is made up from small hexagonal openings and is used to improve visual comfort by reducing the direct view into the luminaire. The luminosity is reduced by approximately 15% and the beam is narrowed by a few degrees. The black finish absorbs light and reduces the contrast of the luminance.

iMax® Linear Spread Lens



iMAX® LINEAR SPREAD LENS
400 03 02

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Ø54

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iMAX® + iMAX® COVER ROUND W-B +
iMAX® LINEAR SPREAD LENS

BEAM / LINEAR SPREAD LENS

The linear spread lens has grooves running in a single direction, hence spreading the beam along one axis creating an oval shaped beam. If the lens is fitted with the linear grooves parallel with the illuminated wall a long vertical beam is created. If the lens is fitted with the grooves vertically to the wall you will have a long, horizontal beam. This lens is ideal for lighting long objects or a small group of objects or paintings with just one beam. The oval beam from the spread lens can also be used with good effect when lighting a narrow space such as a corridor. An unwanted effect of "watery edges" can occur, but this can be improved by placing a softening lens between the light source and the linear spread lens, in which case the beam spread is less oval.

iMax® Spread Lens



iMAX® SPREAD LENS
400 03 03

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iMAX® + iMAX® COVER ROUND
W-B + iMAX® SPREAD LENS

BEAM / SPREAD LENS

On a spread lens the surface is grooved with fine lines that intersect vertically and horizontally. The pyramid shapes created spreads the light softly along both axes and enlarges the beam spread in oval shapes in both directions. This lens is used to make a wide beam even wider. It makes as such no sense to use the spread lens with narrow spots, but rather with an already wide beam.

iMax® Softening Lens



iMAX® SOFTENING LENS
400 03 04

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iMAX® + iMAX® COVER ROUND W-B
+ iMAX® SOFTENING LENS

BEAM / SOFTENING LENS

The softening lens is equipped with very fine grooves intersecting in three directions creating small diamond shapes which softly reflect the light in a multitude of ways. The effect is evenly spread light with a blurred effect on the beam as well as on the edge of the beam. This lens is used for softening the beam and for lighting of objects that require soft illumination, such as high gloss photographs. The contrast between the background and the object is reduced, decreasing the dramatic contrast.

iMax® Glass SBL



iMAX® GLASS SBL
400 03 05

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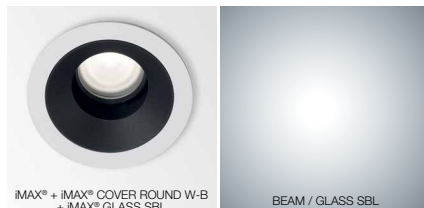


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iMAX® + iMAX® COVER ROUND W-B
+ iMAX® GLASS SBL

BEAM / GLASS SBL

The SBL lens has, opposite to the other lenses, no visible grooves on the surface. The lens has been sandblasted on one side, meaning the light is spread in all directions, softly increasing the beam. The use of this lens is for illumination without shadows, for example in fitting rooms. The drawback of using this lens is the decrease in light output and an increased risk of glare.







OCEAN
LIGHTLINES
MINIMAL
APPEARANCE
MAXIMUM EYE
COMFORT
GLARE-FREE
ONE LUMINAIRE
TYPE FOR
MULTIPLE
LIGHTING
SCENOGRAPHIES

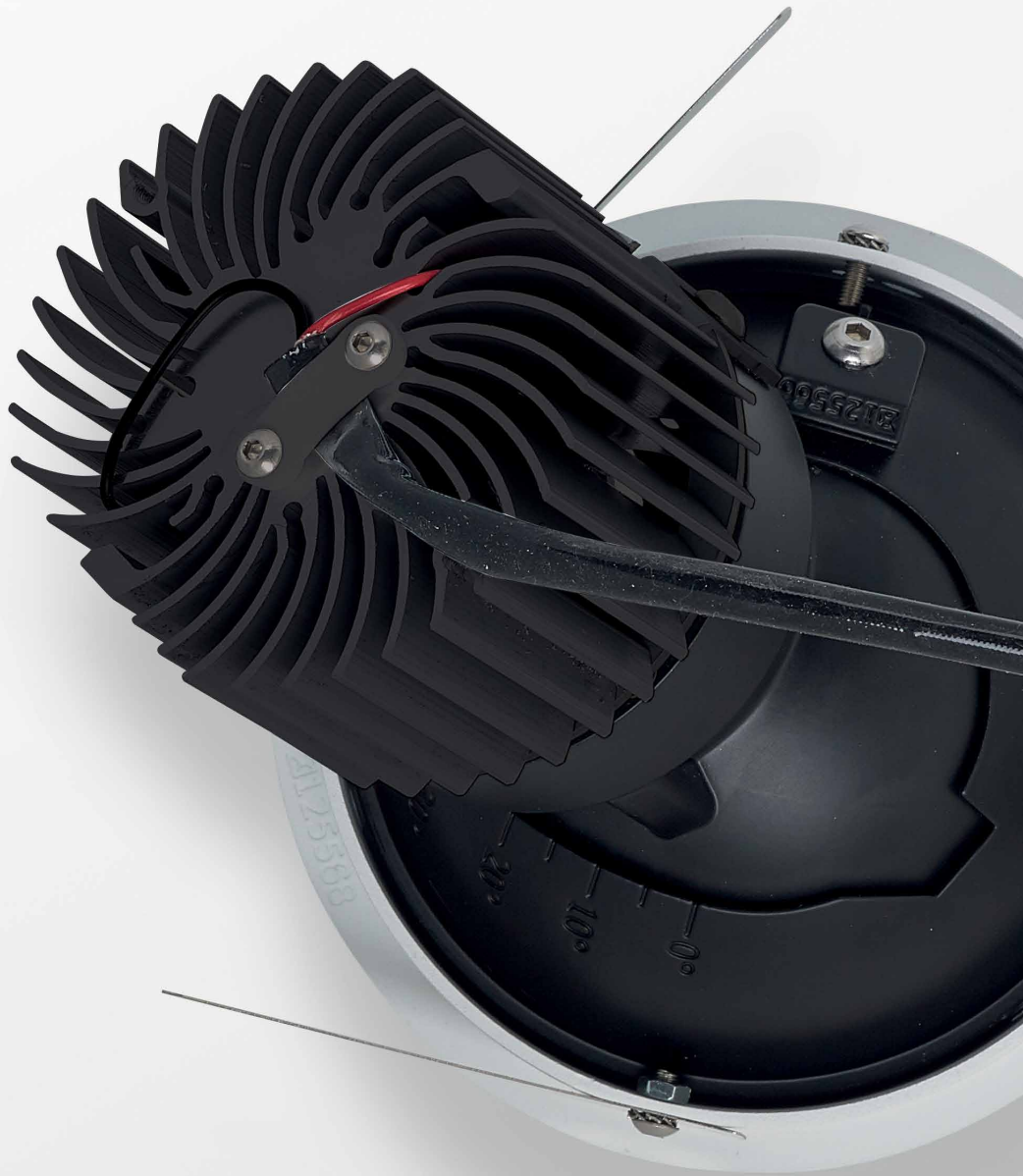




iMAX[®] +

The iMax[®] + uses all the advantages of the Soft Ceiling[®] concept and combines it with Delta Light's unique Ex-centric Rotation System (ERS).







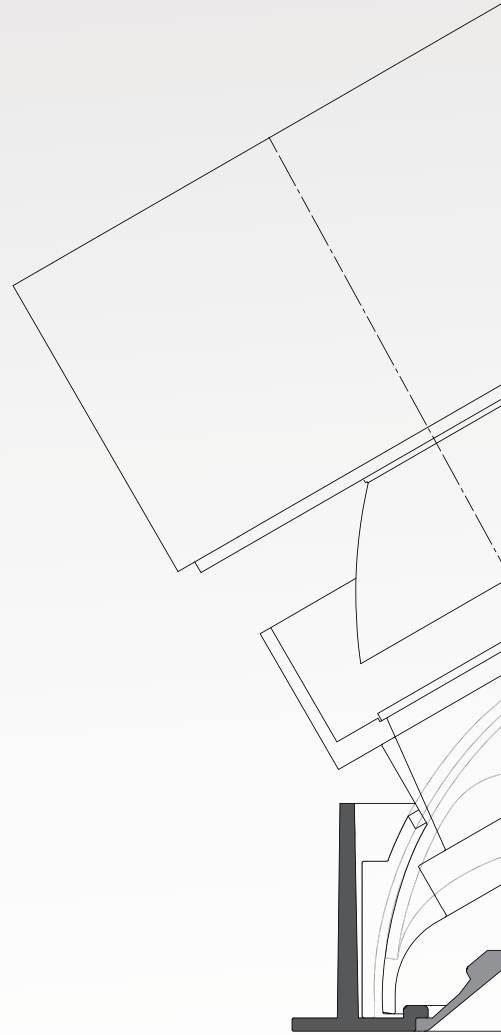
Ex-centric Rotation System (ERS)

The iMax+ features the Delta Light® unique Ex-Centric Rotation System (ERS). This patented mechanism provides greater freedom of movement, with an asymmetric hinge joint enabling tilting and rotation in one fluid movement, even at the most extreme angles, for smooth and precise adjustment. The ERS was first launched by Delta Light® in the awarded Tweeter range.



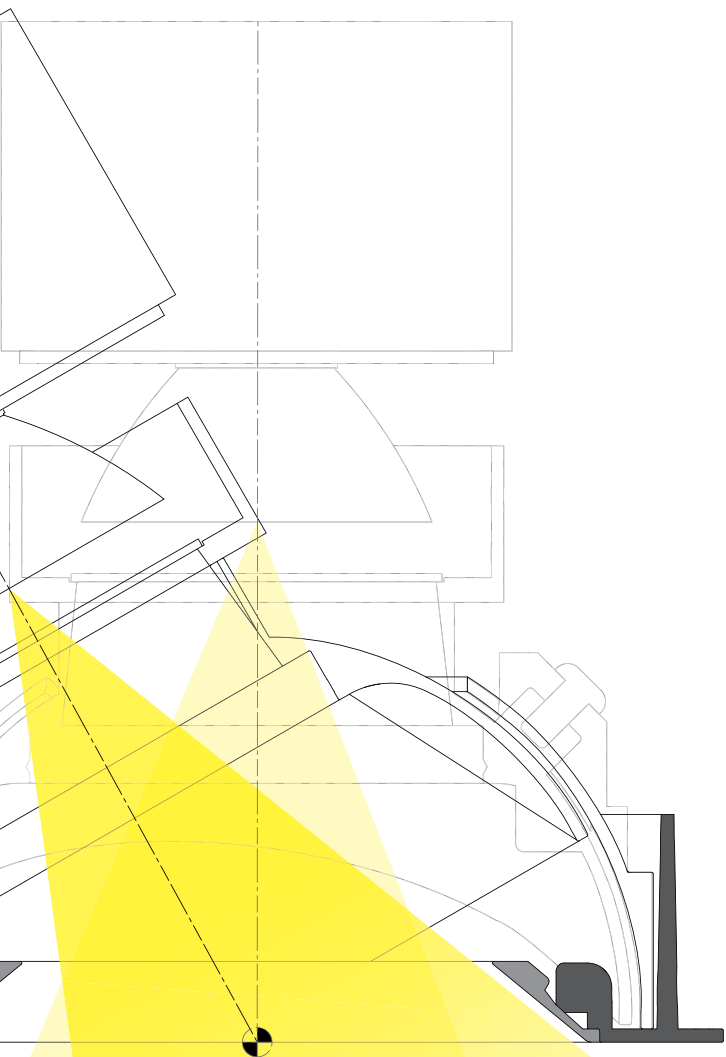
Double shell

In addition to the upgraded movement experience the Ex-centric Rotation System always comes with a double shell design. This feature prevents ceiling exposure and upgrades the design of the luminaire.



Precise alignment

The iMax+ features up to 30 degrees of aiming. The degree indicator and rotation locking system allows precise light beam alignment of multiple fixtures.



Full beam

The movement and product design are precisely engineered to ensure full beam output. Throughout all position the beam is never cut-off which guarantees optimal center beam efficiency.

High-end covers

The iMax+ comes with a range of cover finishes, including white and black chrome combinations for a luxurious look & feel





iMAX[®]+ ACCESSORIES

The iMax+ can be combined with a series of light refining accessories.

Honeycomb



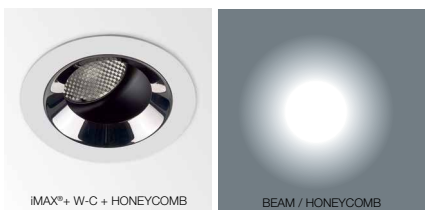
HONEYCOMB 50 ◇
413 03 01 ◇

◇ = B



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iMAX®+ W-C + HONEYCOMB

BEAM / HONEYCOMB

The honeycomb louvre is made up from small hexagonal openings and is used to improve visual comfort by reducing the direct view into the luminaire. The luminosity is reduced by approximately 15% and the beam is narrowed by a few degrees. The black finish absorbs light and reduces the contrast of the luminance.

Linear Spread Lens



LINEAR SPREAD LENS 50
413 03 02



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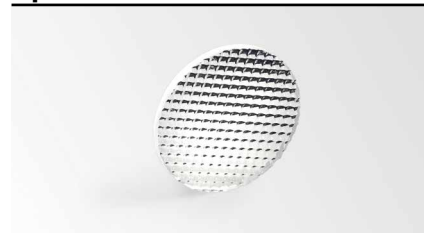


iMAX®+ W-C + LINEAR SPREAD LENS

BEAM / LINEAR SPREAD LENS

The linear spread lens has grooves running in a single direction, hence spreading the beam along one axis creating an oval shaped beam. If the lens is fitted with the linear grooves parallel with the illuminated wall a long vertical beam is created. If the lens is fitted with the grooves vertically to the wall you will have a long, horizontal beam. This lens is ideal for lighting long objects or a small group of objects or paintings with just one beam. The oval beam from the spread lens can also be used with good effect when lighting a narrow space such as a corridor. An unwanted effect of "watery edges" can occur, but this can be improved by placing a softening lens between the light source and the linear spread lens, in which case the beam spread is less oval.

Spread Lens

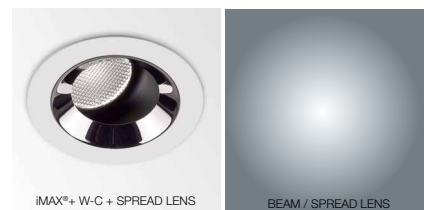


SPREAD LENS 50
413 03 03



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iMAX®+ W-C + SPREAD LENS

BEAM / SPREAD LENS

On a spread lens the surface is grooved with fine lines that intersect vertically and horizontally. The pyramid shapes created spreads the light softly along both axes and enlarges the beam spread in oval shapes in both directions. This lens is used to make a wide beam even wider. It makes as such no sense to use the spread lens with narrow spots, but rather with an already wide beam.

Softening Lens

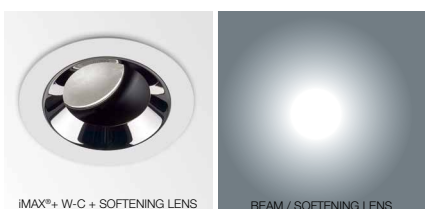


SOFTENING LENS 50
413 03 04



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iMAX®+ W-C + SOFTENING LENS

BEAM / SOFTENING LENS

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Glass SBL

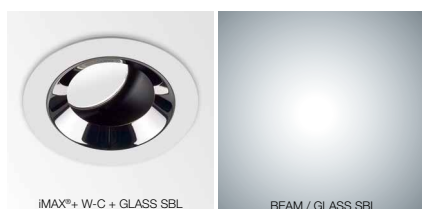


GLASS SBL 50
413 03 05



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iMAX®+ W-C + GLASS SBL

BEAM / GLASS SBL

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deltalight.com