



**ZANEEN**  
ARCHITECTURAL

**L3**

**MAGIQ**  
**INVADER**  
**BIONIQ**  
**MECHANIQ**  
**IMAGINE**  
**CENTRIQ**



**MAGIQ**  
BRIGHT AS A BUTTON

## MAGIQ TRIMLESS



MAGIQ



MAGIQ COLOR



MAGIQ  
DOUBLE



MAGIQ COLOR  
DOUBLE



MAGIQ  
WALLWASH

## MAGIQ RECESSED



MAGIQ



MAGIQ COLOR



MAGIQ  
DOUBLE



MAGIQ COLOR  
DOUBLE



MAGIQ  
WALLWASH

## MAGIQ TRACK



MAGIQ WALLWASH  
PLUS

- › Mounting: Trimless, Recessed, Track, Trimless Channel System - 2LOOK4LIGHT MAGIQ
- › Module-Versions: 4-fold, DOUBLE (8-fold), WALLWASH
- › LED with 2700, 3000 or 4000 K, CRI>90 (Energy Label A++ - A)
- › Lumen: 4-fold 880 - 980 lm/W | 8-fold 1760 - 1960 lm/W | Wallwash 2550 lm/W
- › Beam Angle: 10°, 25° or 40°
- › WALLWASH with VERTICAL BOOST
- › Single modules with external driver
- › System module available with dim (DALI)
- › KORONA CONE in 25 colors available
- › All MAGIQ are available in profile except MAGIQ WALL WASH PLUS

## 2LOOK4LIGHT MAGIQ SYSTEM



# MAGIQ

## VERTICAL BOOST

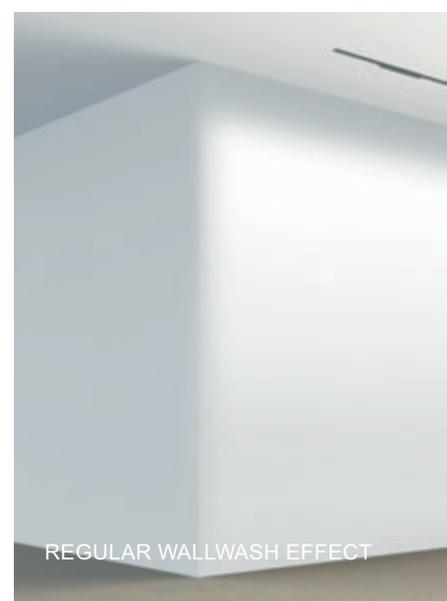
# WALLWASH

Vertical lighting is critical to achieve quality lighting in a space. Illumination of vertical surfaces emphasizes architectural structures and room geometry and creates the desired visual impression. For example, wall lighting can make rooms appear larger. One way to create an impressive effect is to illuminate the wall evenly from floor to ceiling.

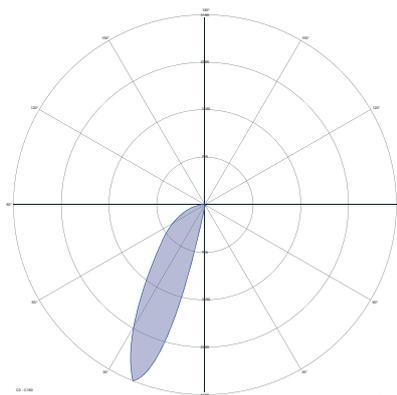
The masterpiece of the MAGIQ family is ideal for this kind of lighting design: the technically sophisticated WALLWASH developed by PROLICHT illuminates walls evenly and completely, without hot spots or reflected glare. This is possible with the new VERTICAL BOOST concept: five multi-faceted reflectors are mounted at different angles in a single module with a minimalist design.

The WALLWASH is designed to ensure a uniform and broad illumination of walls up to 4.5 m (15') high and 1.8 m (6') wide. The precisely calculated surface of each individual reflector allows broad and clean illumination without multiple shadows. Even when mounted very close to the wall or on high walls, the WALLWASH creates extraordinary results.

Additional cut-offs fitted in front of the reflectors to limit the light output lengthwise provide excellent glare control. The system efficiency of the MAGIQ reflectors is 90% with a CRI>90. The WALLWASH offers a 2550 lumen at 29 Watt package.



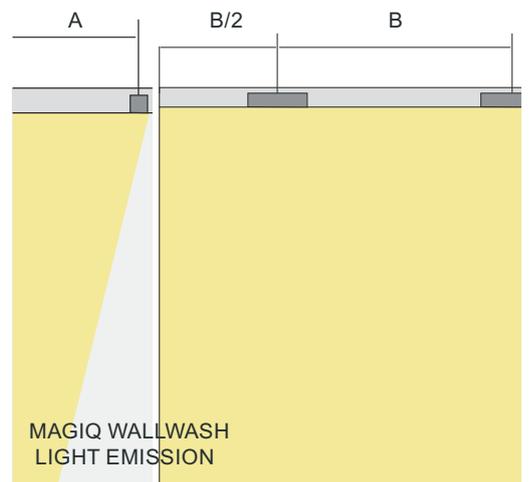
MAGIQ WALLWASH  
POLAR CURVE





**REFLECTOR**  
 An innovative reflector shapes the beam of the MAGIQ WALLWASH.

Ceiling height	Recommended distance A	Recommended distance B
3.0 m 10.0 ft	0.8 m - 0.9 m 31 in - 35 in	1.0 m - 1.2 m 39 in - 47 in
3.5 m 11.5 ft	0.9 m - 1.0 m 35 in - 39 in	1.2 m - 1.4 m 47 in - 55 in
4.0 m 13.0 ft	1.0 m - 1.2 m 39 in - 47 in	1.4 m - 1.6 m 55 in - 63 in
4.5 m 15.5 ft	1.2 m - 1.4 m 47 in - 55 in	1.6 m - 1.8 m 63 in - 70 in



# MAGIQ

## TECHNICAL

# DESCRIPTION

The spotlights of the MAGIQ family set the perfect scene for architecture and interiors. The modules are available as trimless or recessed versions with four or eight spots, or as WALLWASH with five reflectors. The trimless version comes with a mounting frame for installation in gypsum ceilings with 12.5mm (1/2") thickness, recessed luminaires can be installed in ceilings between 10 (1/2") and 30 mm (1 1/4"). The modules can also be used in a trimless channel system. The 2LOOK4LIGHT MAGIQ configuration will tilt by 2x25°. Further information on integration into the channel system can be found under 2LOOK4LIGHT.

In the eight spotlight version, MAGIQ offers a 2000 lumen at 24 Watt package. Highly efficient passive cooling guarantees the best possible operating conditions and LED life span. MAGIQ luminaires are available in black as standard. KORONA CONES can be fitted optionally and can be modified in 25 colors.

### HOUSING

*The aluminium die-casted housing serves as a passive cooling unit. It ensures perfect heat management and creates the ideal temperature environment for the LED. The housing can be obtained in one of the 25 colors.*



### LED

*PROLICHT has developed its own PCB with LED's offering a lumen package of 510 lm/LED. This allows uniform vertical illuminance, even in applications with a higher ceiling.*

#### REFLECTOR

MAGIQ uses highly innovative reflectors that come out of the ceiling 15 mm ( $\frac{1}{2}$ " ). Each module uses 5 reflectors mounted at different angles to ensure a wide uniform field of light. The beam angle is  $2 \times 60^\circ$  in the longitudinal direction and  $85^\circ$  in the lateral direction. The reflector efficiency is over 90% and with a CRI > 90.



#### SPRINGS

Aided by mounting springs, MAGIQ can be installed tool-free in gypsum ceilings up to 30mm ( $1\frac{1}{4}$ " ) as well as in the trimless mounting frame.

#### COVER

A black removable cover hides the reflectors and gives a straight forward minimalistic design to this new concept of vertical illuminance.

Cover is available in Black or White

#### INSERT

For optimal visual comfort the black insert is deeply recessed.



# INVADER

ENLIGHTENMENT FOR  
YOUR COMFORT ZONE



## IF PRODUCT DESIGN AWARD FOR INVADER-2 LED (2013)

INVADER spot is designed for efficient accent lighting, without the luminaire being the focus of attention. The minimalistic design only requires modest mounting depth and renders harmonious integration into the room. Since 2014 the whole INVADER family has grown more sophisticated and advanced.

## INVADER TRIMLESS



INVADER



INVADER DEEP



INVADER SMALL



INVADER SMALL DEEP

## INVADER RECESSED



INVADER



INVADER ON



INVADER WALLWASH



INVADER ADJUSTABLE (30°)



INVADER LARGE



INVADER SMALL



INVADER SMALL DEEP



INVADER SMALL ADJUSTABLE (15°)

## INVADER SURFACE



INVADER  
150 + 300 + 450



INVADER WALL

## INVADER SUSPENDED



INVADER  
150 + 300 + 450  
Ø75mm



HANGOVER  
150 + 300 + 450  
Ø40mm

- › Mounting: Trimless, Recessed, Surface and Suspended
- › Sizes: Small - 40 mm (1 1/2"), Standard - 75 mm / 85 mm (3" / 3 3/4") and Large - 150 mm (6")
- › LED with 2700, 3000 or 4000 K, CRI > 90 (Energy Label A++ - A)
- › SUPER SPOT available
- › HID illuminants for some models
- › Available for Wall-Mounting with optional direct / indirect lighting
- › Available with Dimm
- › NATURAL DIMM available
- › KORONA CONE
- › LENS PACK available
- › INVADER LARGE available with SPECIAL LED
- › Available in 25 colours

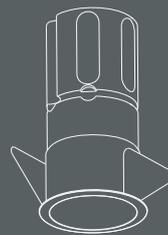
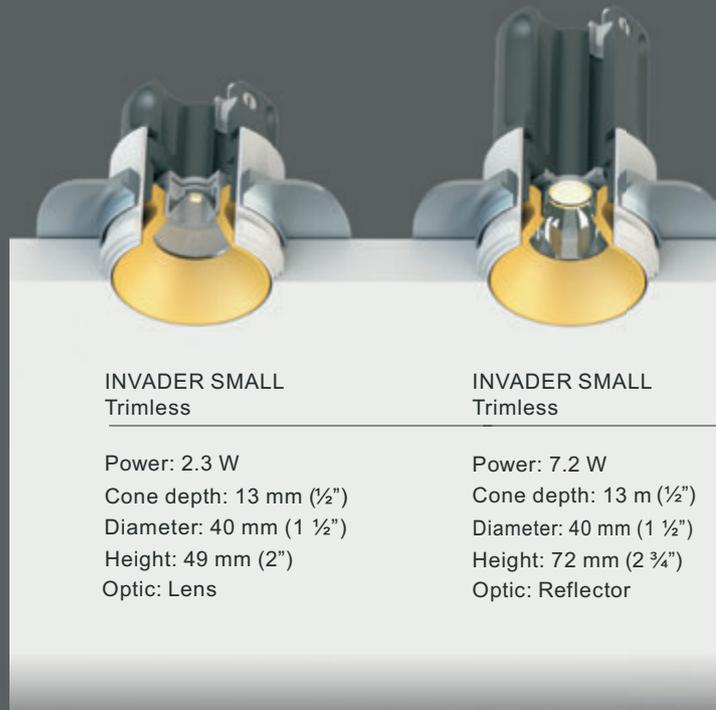
**VARIETY  
MAKES A  
DIFFERENCE**

# INVADER SMALL

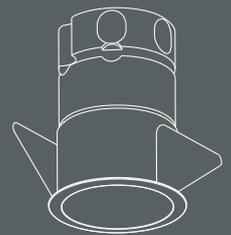
## TECHNICAL DESCRIPTION

The INVADER SMALL family is ideal for varied applications including office, hotel, restaurant, retail and residential.

They include a range of technologically advanced and configurable products. Beam angles from 10° (SUPER SPOT) to 60° (WIDE FLOOD), latest generation LEDs available in three colour temperatures (2700, 3000 and 4000 K), lumen outputs of up to 2900 lm, a different depth of KORONA CONES [13mm (½") and 26mm (1")] and a variety of special lenses from the LENS PACK provide options sure to meet your every design need. And of course, all INVADER lights can be configured in 25 colors.



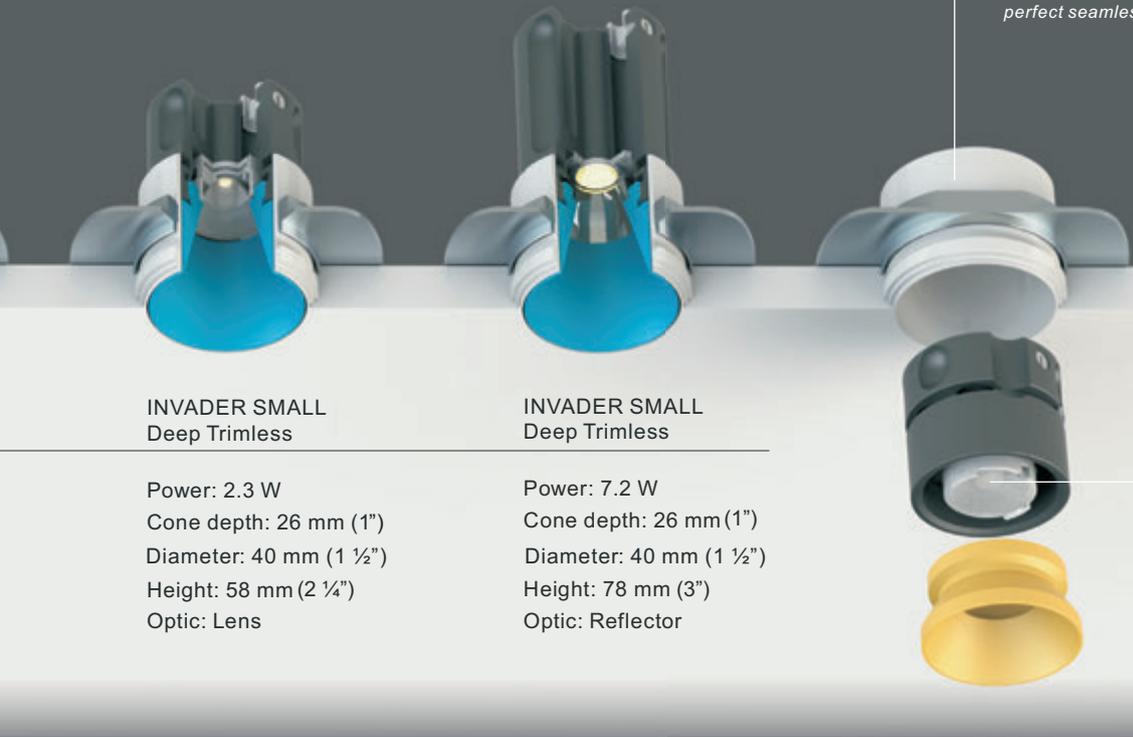
INVADER  
SMALL



INVADER  
SMALL DEEP

**EASY MOUNTING**

Ceiling thickness can be disregarded, thanks to the easy mounting system for INVADER SMALL. It ensures a perfect seamless integration in the ceiling.

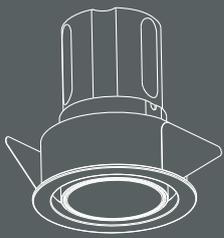


**INVADER SMALL**  
Deep Trimless

Power: 2.3 W  
Cone depth: 26 mm (1")  
Diameter: 40 mm (1 1/2")  
Height: 58 mm (2 1/4")  
Optic: Lens

**INVADER SMALL**  
Deep Trimless

Power: 7.2 W  
Cone depth: 26 mm (1")  
Diameter: 40 mm (1 1/2")  
Height: 78 mm (3")  
Optic: Reflector



**INVADER**  
SMALL ADJUSTABLE



**HANGOVER**  
150



**HANGOVER**  
300



**HANGOVER**  
450

**OPTIC**

For the INVADER SMALL different optics are available. A lens for the 2W version or a reflector with different beam angles when the 6W LED is used.

# INVADER

## TECHNICAL DESCRIPTION

INVADER is a spotlight, available in different mounting types (trimless, recessed, surface, suspended), that can be tailored to your individual needs with a range of FIX and ADJUSTABLE KORONA CONES or a WALLWASH version.

The INVADER family is a range of technologically advanced and configurable products. Beam angles from 10° (SUPER SPOT) to 60° (WIDE FLOOD), latest generation LEDs available in 3 color temperatures (2700, 3000 and 4000 K), a different depth of KORONA CONES [25mm (1") and 50 mm (2")], a variety of special lenses from the LENS PACK and lumen outputs of up to 2900 lm provide a plethora of options sure to meet your every design need. The optimized heat sink provides optimum conditions for LEDs. The simple fitting system makes it possible to replace lights without damaging the ceiling. And of course, all INVADER lights can be configured in 25 colors.



**INVADER**  
Trimless

Power: 9.3 W  
Cone depth: 25 mm (1")  
Diameter: 71 mm (2 3/4")  
Height: 99 mm (4")  
Optic: Reflector

### *REFLECTOR*

*The LED version is available with different beam angles: in SUPER SPOT (10°) as well as in 15°, 20°, 40°, and 60°.*

## INVADER

Recessed

### POSITIONING SPRINGS

These well engineered springs ensure a tight fixation of the INVADER insert.

### MOUNTING FRAME

The mounting frame with a small trim allows an installation into ceilings from 1 - 30 mm (1"). Springs ensure an easy removal of the entire fitting - e.g. for maintenance purposes.

### FIXATION POINT

All inserts have two opposing notches to secure them into the mounting frame by means of the position springs.

### INVADER WALLWASH

The WALLWASH is designed with a fixed angle of 30°.

### HEATSINK

A die-casted aluminium heatsink ensures optimal thermal management.

### INVADER Deep Trimless

Power: 9.3 W  
Cone depth: 50 mm (2")  
Diameter: 71 mm (2 3/4")  
Height: 125 mm (5")  
Optic: Reflector

### KORONA CONE

The cone of INVADER is available in different heights. It simply screws into the trimless housing. The cone is available in all 25 colors.

# INVADER LARGE

## TECHNICAL DESCRIPTION

INVADER in its largest version offers perfect solutions for professional lighting in offices, hotels, restaurants or shops. The spotlights create extraordinarily good and efficient general lighting. Particularly low UGR values ensure a pleasant, low-glare light.

INVADER LARGE is a range of technologically advanced and configurable products. Reflector angles of 18°, 26° and 40°, latest generation LEDs available in 3 color temperatures (2700, 3000 and 4000 K), lumen outputs of up to 2900 lm, optionally available accessories from the LENS PACK and SPECIAL LED provide plenty of options to meet every design need. And of course, all INVADER lights can be configured in 25 colors.

### REFLECTOR

*Integrated reflectors ( 18° - 25° - 40°) with an excellent efficiency and a uniform light distribution without spectral color appearances.*

### KORONA CONE

*Aluminium die-casted cone which is lit up but does not radiate any colored light due to its deeply integrated reflector. Darker colors can be chosen, for further optimization of the visual comfort.*



#### HEATSINK

An optimized heatsink allows a lumen package up to 2900lm with only a diameter of 150 mm (6"). The low recessed depth is a big advantage in applications with limited space.

#### ACCESSORIES

Besides the standard glass, an optional linear spread lens is available. The lens eliminates light scallops on the wall (e.g. in corridors) and creates an optimum oval beam (25° - 40°) that illuminates the floor.

#### TORSION SPRINGS

The INVADER LARGE is equipped with torsion springs which ensure a safely and permanent mounting in ceiling thicknesses from 10 mm (½") - 30 mm (1").



**BIONIQ**  
NATURALLY TECHNICAL

## BIONIQ TRIMLESS



BIONIQ ROUND  
ADJUSTABLE



BIONIQ ROUND  
SEMI ADJUSTABLE



BIONIQ ROUND  
DEEP



BIONIQ SQUARE  
ADJUSTABLE



BIONIQ SQUARE  
ADJUSTABLE COMFORT



BIONIQ SQUARE  
DEEP



BIONIQ SQUARE  
DEEP COMFORT

## BIONIQ RECESSED



BIONIQ ROUND  
ADJUSTABLE



BIONIQ ROUND  
SEMI ADJUSTABLE



BIONIQ ROUND  
DEEP



BIONIQ ROUND  
PINHOLE



BIONIQ ROUND  
WALLWASH



BIONIQ SQUARE  
ADJUSTABLE



BIONIQ SQUARE  
ADJUSTABLE COMFORT



BIONIQ SQUARE  
DEEP



BIONIQ SQUARE  
DEEP COMFORT



BIONIQ SQUARE  
PINHOLE

- › Mounting: Trimless, Recessed
- › Sizes: Small, Medium
- › LED with 2700, 3000 or 4000 K (Energy Label A++ - A)
- › Lumen: 960 - 3290 lm
- › Beam Angle: Small (20°, 40°, 60°) Medium (20°, 25°, 40°)
- › SUPER SPOT 10° (S and M)
- › ADJUSTABLE version 355° rotation and 30° tilting
- › EAS (Encapsulated Adjustment System)
- › ONE-LOCK

- › ZERO LIGHT LEAKAGE
- › One for All Diameter
- › NATURAL DIMM LED available
- › LENS PACK available
- › DEEP version available with KORONA CONE
- › IP44 versions available
- › SPECIAL LED available
- › Integration into 2LOOK4LIGHT Channel
- › Cover available in 25 colors or chrome

# BIONIQ

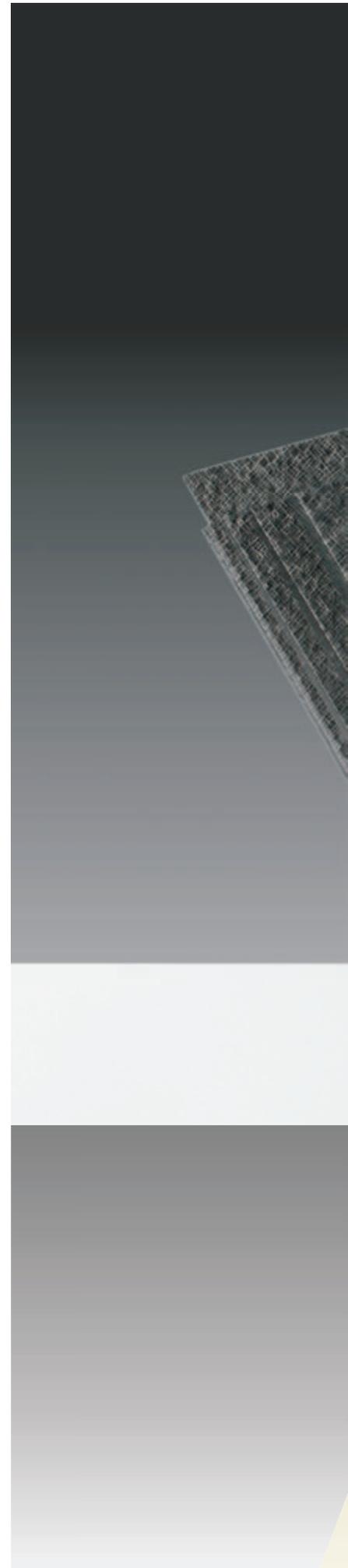
## ENCAPSULATED ADJUSTMENT SYSTEM

# EAS

PROLICHT developed The Encapsulated Adjustment System especially for BIONIQ.

Sophisticated technology means that the BIONIQ family of spotlights can effortlessly be adjusted to the exact degree required. A smooth rotation and the cone of light is positioned precisely. The EAS provides 355° of rotation and 30° of tilt. Detailed degree markings for both axes of movement ensure a precise adjustment. A cover is available to cover these markings, finished in a choice of 25 colors or chrome.

The adjustable BIONIQ spotlights system is fully enclosed and encapsulated. This effectively prevents any light leakage to the back. No matter how the system is adjusted, the beam of light remains precise and is not cut off (for SUPER SPOT and SPOT). The precise control of light that BIONIQ offers makes unique interior design concepts easy. To create a uniform visual appearance from below, the EAS has been designed to conceal changes in vertical tilt. The BIONIQ will look the same regardless of how each are positioned.





**NO BEAM CUT-OFF**  
The position of the tilting axis ensures a precise beam without cut-off (for super narrow and narrow beams).

# BIONIQ

## KEEPING IT SIMPLE

# ONE-LOCK

With BIONIQ, technical sophistication goes hand in hand with effortless use: the unique BIONIQ ONE-LOCK system shows how easy it can be to secure the alignment of spotlights.

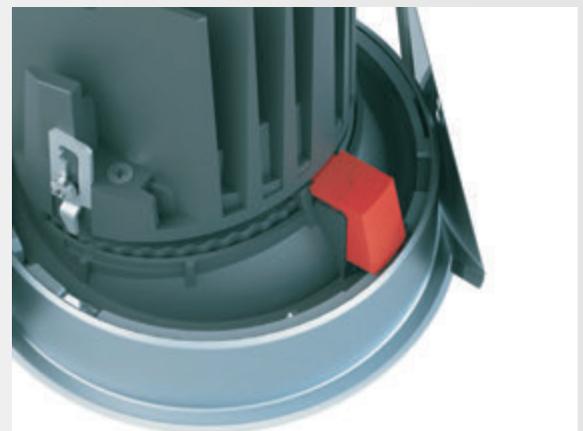
Once a BIONIQ spotlight has been adjusted to the required position, it can be fixed there with just one screw. BIONIQ has been specially designed for the high demands of commercial lighting systems. The combination of EAS and ONE-LOCK ensures easy handling. Therefore it is a simple and hassle-free task to reposition the spotlights and adjust them to changing layouts, as in retail stores.

ONE-LOCK makes spotlight handling extremely quick and easy. Detailed degree markings inside the luminaire provide orientation and guidelines for exact positioning of several adjacent spotlights. This precision mechanism with accurate control of the light makes it a breeze to implement unique interior design concepts.

A clamp specially developed by PROLICHT - the BIONIQ Release Clamp - ensures simple installation and maintenance. It holds the luminaire safely in the installed mounting ring. When pressed, the clamp releases the entire unit so that the BIONIQ spotlights can be completely removed from the mounting ring without damaging the ceiling. The BIONIQ Release Clamp is used for all trimless and recessed versions.



A single screw locks the position of BIONIQ (rotation and tilt).



The screw gets fastened from below which tightens the red anchorage.



Pressing the BIONIQ Release Clamp releases the whole Spot.

# BIONIQ

## DIAMETER DOES MATTER ONE FOR ALL

BIONIQ stands for professional technology and easy installation: all recessed spotlights of the same type (e.g. round with trim) use the same ceiling cut-out.

Whether PINHOLE, ADJUSTABLE, FIXED or WALLWASH – any BIONIQ variant can subsequently be used in every available cut-out. This provides enormous scope for redesigning interiors and lighting designs, all linked by one uniform style. The cover over the degree markings on the BIONIQ spotlights brings color into the equation: to ensure that your lights harmonize with your individual color palette, they can be finished in your choice of one of the 25 colors and are also available in chrome.



# BIONIQ

## TECHNICAL

# DESCRIPTION

When designing the BIONIQ, PROLICHT also explored innovative heat sink technology. High efficiency passive heat sink elements improve air circulation thanks to their specially developed rib structure. This provides the optimum conditions for using the latest generation of LEDs: after some 50,000 hours of use, these lights still produce 80 percent of the light output that they did when new.

The unique design of the heat sink means that it fits into a shallow installation space. This, together with the fact that the ceiling cut-out is the same for all BIONIQ versions of the same type, makes installation easy. BIONIQ lights can be installed into plaster or into concrete ceilings using the fitting box available on request. Some of the round BIONIQ recessed spotlights (ADJUSTABLE and SEMI-ADJUSTABLE) are furthermore available in IP20 or IP44 rated versions.

Thanks to the wide range of versions and shapes, and the color palette of 25 colors, BIONIQ blends harmoniously into any interior design. What's more, different colors can be combined in one light if using the square version.

### *MOUNTING UNIT*

*The leaf springs of the mounting unit ensure an easy and permanent mounting in ceilings from 10 to 15 mm (½").*

### *ACCESSORY HOLDER*

*An accessory holder for optional filters or a honeycomb (LENS PACK) can be mounted.*

**HEATSINK**

The cooling ribs of the highly efficient passive cooling system are perfected to increase the airflow.

**EAS**

BIONIQ can be adjusted precisely due to the Encapsulated Adjustment System. The EAS allows a rotation of 355° and a tilting of 30°.

**ONE-LOCK**

The 'ONE-LOCK' system allows locking the position of the horizontal rotation and the vertical tilting with a single screw.

**COVER**

The covers are available in 25 colors and Chrome finish. They hide the trim of the mounting unit and ensure perfect integration into the architecture.

**DEGREE MARKING**

A precise degree indication for each movement enables accurate light beam alignment of multiple luminaires.



# **MECHANIQ**

STRAIGHTFORWARD AND EFFICIENT

## MECHANIQ TRIMLESS



MECHANIQ ROUND  
COMFORT



MECHANIQ SQUARE  
COMFORT



MECHANIQ SQUARE  
COMFORT DOUBLE

## MECHANIQ RECESSED



MECHANIQ ROUND



MECHANIQ ROUND  
COMFORT



MECHANIQ ROUND  
DEEP



MECHANIQ ROUND  
EFFICIENCY



MECHANIQ SQUARE  
COMFORT



MECHANIQ SQUARE  
COMFORT DOUBLE



MECHANIQ SQUARE  
EFFICIENCY



MECHANIQ SQUARE  
EFFICIENCY DOUBLE

- › Mounting: Trimless, Recessed
- › Sizes: Medium, Large
- › Available in round and square
- › Versions: STANDARD, COMFORT, DEEP and EFFICIENCY
- › 355° rotation and 30° tilt (EFFICIENCY -15° / 45° tilt)
- › LED with 2700, 3000 and 4000 K; CRI>90 (Energy Label A++ - A)
- › SUPER SPOT with 8°
- › Lumen: 960 - 4600 lm
- › ZERO LIGHT LEAKAGE
- › ULS (Unique Locking System)
- › LENS PACK available
- › SPECIAL LED available
- › Available in 25 colors

# MECHANIQ

ONE SYSTEM -

## ENDLESS POSSIBILITIES

Professional lighting, consistent design, absolute flexibility and simple use – all this is offered by the premium quality spots of the MECHANIQ family. Because of their adjustable heads, the lamps are suitable for ever-changing arrangements in all kinds of sales areas.

With the four versions – STANDARD, COMFORT, DEEP and EFFICIENCY – available in trimless and recessed mounting and two sizes: 130 mm (5") and 180 mm (7"), MECHANIQ makes a wide range of solutions possible for individual lighting concepts. Each version has an adjustable head that can be turned 355° and inclined at various angles depending on the intended use. Each of the four MECHANIQ versions has a different primary focus: the greatest number of setting options, a discreet appearance, an optimal glare-free solution or specialty adjustability.

As part of a clean and simple interior design concept, COMFORT spots do not come out of the ceiling when tilted and remain almost completely invisible. DEEP offers excellent glare-free technology by means of a deeply recessed reflector.

STANDARD



The moving part of the unit visibly protrudes from the ceiling when set in an inclined position. The lamp can be rotated 355° and tilted 30°. STANDARD is available in the sizes M and L.

COMFORT



The moving part of the unit is discreetly integrated in the ceiling when set at a tilted position, achieving a much higher level of visual comfort with better glare reduction. Up to 355° rotation and 30° inclination are possible. COMFORT is available in the sizes M and L. In the M, the spot lies recessed at 30mm (1¼"), and at 48 mm (2") in L.

DEEP



Due to the even deeper recess, this spot offers the highest possible levels of glare reduction. The lamp can be rotated 355° and tilted 30°. DEEP is only available in the size M and at a depth of 40 mm (1½") from the flange to the glass. The spot cone is available in one of 25 colors.

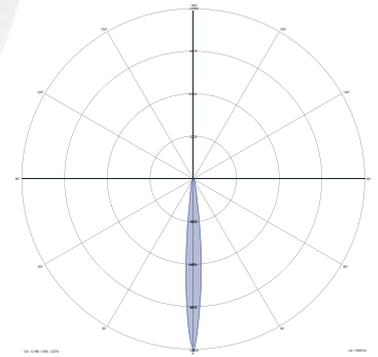
The cones of this version can be customised in one of 25 colors. Rotation and a positive and negative tilting angle make the EFFICIENCY the most flexible of the MECHANIQ family. Due to the adjustable heads, all MECHANIQ lamps can be optimally adapted to ever-changing store concepts.

MECHANIQ spots are furnished with two release clamps for easy, tool-free maintenance (except EFFICIENCY). These clamps not only hold the cooling unit in place, they also allow the tilting of the lighting unit. When pressed, the whole unit frees itself from the mounting. Additionally the front part can be removed without tools to integrate lenses or a honeycomb from the LENS PACK. SPECIAL LEDs are available for special applications.

#### EFFICIENCY



MECHANIQ EFFICIENCY has a dual adjustment option, featuring positive tilt of 45° and negative tilt of 15° with a rotation of 355°. EFFICIENCY is available in the sizes M and L. Only available in the recessed version.



MECHANIQ SUPER SPOT  
POLAR CURVE

# MECHANIQ

## LIGHT TECHNOLOGY

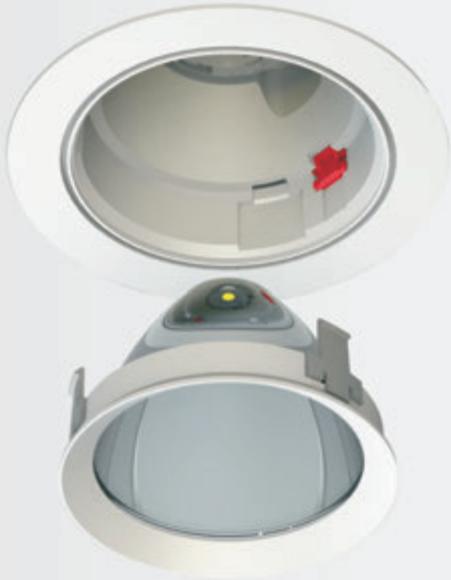
# SUPER SPOT

The spots of the MECHANIQ family are fitted with the latest generation of COB LEDs and high-precision reflectors. SUPER SPOT presents an optimal solution for precise illumination in high ceilings. The SUPER SPOT has a reflector with a beam angle of minimum 8° which produces a particularly narrow light.

The spots of the EFFICIENCY version provide excellent glare-free illumination of ornately presented goods. The head can be tilted 45° from the housing without light trespass or backlight ensuring that the beam is only in the desired direction. The DEEP version, with its deeply recessed reflector, is recommended where the highest level of visual comfort is a priority.

Countless accessories make it possible to customize the MECHANIQ lamps to suit any requirement. SPECIAL LEDs are also available as options. These are used in special areas of application such as art exhibitions, or as daylight simulation lighting for fashion or for presentation of fresh food.

1.



# MECHANIQ

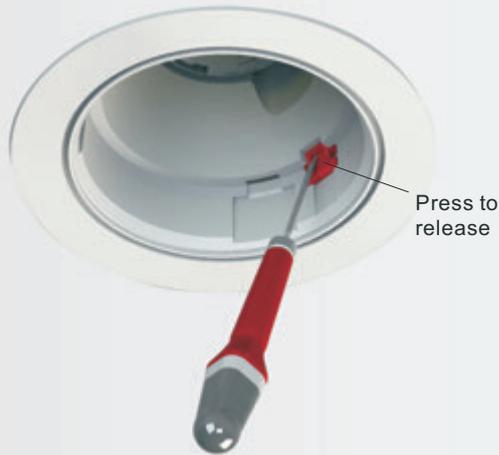
## UNIQUE LOCKING SYSTEM

# ULS

The spots of the MECHANIQ family are easy to use and maintain due to the UNIQUE LOCKING SYSTEM (except EFFICIENCY).

Thanks to three clamps, the glass and reflector can be removed without tools. The glass can be exchanged for lenses from the LENS PACK to create special lighting effects. To enable the whole MECHANIQ lighting unit to be installed and removed trouble-free, PROLICHT has developed a special release clamp that fulfills a double function. It holds the cooling unit in place while at the same time allowing a 30° tilt.

2.



3.



# MECHANIQ

## TECHNICAL DESCRIPTION

The latest generation of 960 to 4600-lumen COB LEDs are used in the spots of the MECHANIQ family. The lamps can be luminaire in one of 25 colors, allowing a harmonious color integration into any spacial concept. The square versions of the spots can also be modified in two different colors at the same time. MECHANIQ is well suited for mounting onto plaster ceilings.

An optional fitting box is available upon special request for concrete ceilings.

### TROUBLE-FREE MOUNTING

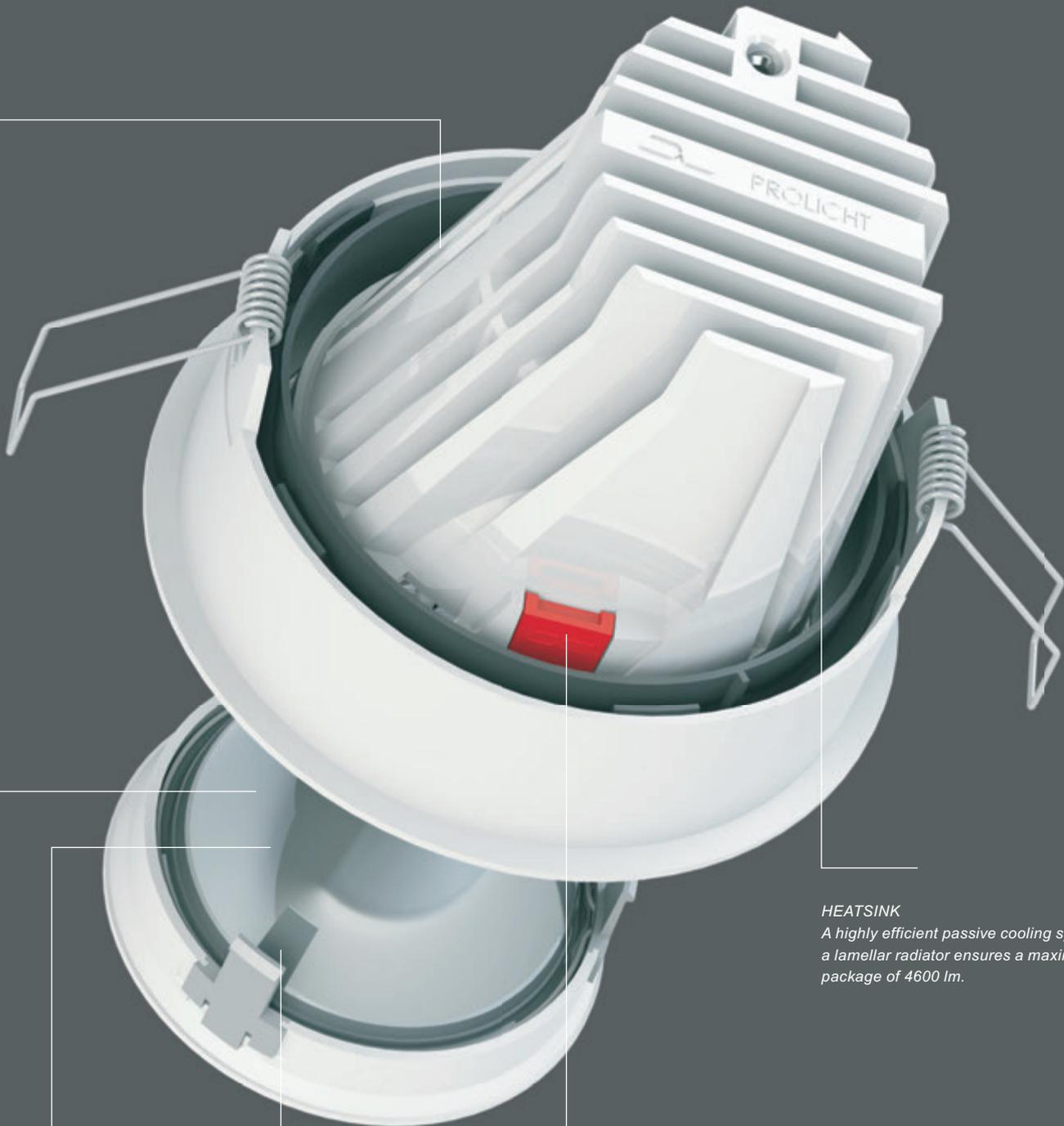
*Easy and quick installation and smooth adjustability are key factors for MECHANIQ. A ring holds a double function: it ensures an easy tilt and places the spot depending on "COMFORT" or "STANDARD" version. The entire unit can be installed and removed without tools.*

### REFLECTOR

*The MECHANIQ Family offers high-grade aluminium reflectors with beam angles from SUPER SPOT (8°) to FLOOD (40°).*

### ACCESSORIES

*Different lenses and a honeycomb can be fixed between the reflector and the cover.*



**HEATSINK**

*A highly efficient passive cooling system with a lamellar radiator ensures a maximum lumen package of 4600 lm.*

**ULS - UNIQUE LOCKING SYSTEM**

*A unique Release Clamp ensures an easy installation and removal of the spot in case of maintenance.*

**EASY ACCESS**

*3 clips guarantee an easy removal of the front cover including the glass and reflector.*

# IMAGINE

EVERYTHING IS POSSIBLE



## IMAGINE TRIMLESS



IMAGINE  
ROUND



IMAGINE  
ROUND AURA



IMAGINE  
SQUARE



IMAGINE  
SQUARE AURA

## IMAGINE RECESSED



IMAGINE  
ROUND  
AURA

- › Mounting: Trimless, Recessed, Trackspot, Trimless Channel
- › Sizes: Small - 60 mm (2¼"), Medium - 75 mm (3"), Large - 90mm (3½")
- › Trimless Spot in round and square
- › Adjustability: S (350°/90°) | M Track (350°/90°) | M Recessed (355° / 45°) | L (350° / 90°)
- › LED with 2700, 3000 or 4000 K; CRI>90 (Energy Label A++ - A)
- › Lumen: S (960 - 1330 lm/W) | M (960 - 2440 lm/W) | L (960 - 3290 lm/W)
- › Beam Angle: S (10°, 20°, 40°, 60°) | M and L (10°, 20°, 25°, 40°)
- › SUPER SPOT 10° available
- › Trimless (round and square) available with Aura-lighting LED 3000 K
- › Trimless and recessed need external driver
- › Trackspot (DALI) and Systemspot (1-10 V, DALI) also available with dimm
- › LENS PACK available
- › SPECIAL LED available
- › Spot available in 25 colors

## IMAGINE SURFACE



IMAGINE  
TRACKSPOT SMALL



IMAGINE  
TRACKSPOT MEDIUM



IMAGINE  
TRACKSPOT LARGE

## 2LOOK4LIGHT IMAGINE SYSTEM



# IMAGINE

## TECHNICAL

# DESCRIPTION

The IMAGINE family of luminaires are characterized by their high technical functionality and discreet appearance.

IMAGINE is available in trimless, recessed, and track installations, with round or angular mounting box options, a variety of sizes, several beam angles including a 10° SUPER SPOT all available to allow personalized configurations. The trimless variants can also be fitted with optional AURA illumination. The IMAGINE luminaires can be modified in 25 colors.

Optional lenses from the LENS PACK and SPECIAL LED allow a further customization of IMAGINE spots to individual requirements.

### MAGNET-BRACKET

Two magnets ensure an easy installation and removal of the unit (e.g. for maintenance purposes) and easy access to the driver.

### ADJUSTABLE BRACKET

The adjustable bracket is mounted on a plate which is fixed to the housing through magnets and avoids any light leakage. IMAGINE DOWNLIGHT can rotate 355° and tilt up to 45°.

### BACKLIT

IMAGINE DOWNLIGHT can be equipped with optional backlight - AURA. The separately switchable SMD strip works on 24 V DC.

### ANTI-GLARE

A black anti-glare ring sits at the front to optimize the visual comfort. Accessory lenses or a honeycomb are optionally available.

**SECURITY WIRE**

The entire spot gets additionally secured by a wire.

**HEATSINK**

The special designed heatsink ensures highly effective passive cooling.

**INSTALLATION SCREENS**

Metal installation screens are mounted at both sides and can be set for different plasterboard thicknesses from 10 mm (½") to 30 mm (1¼").

**REFLECTOR**

High-precision reflectors ensure a uniform light distribution. Besides the beam angles 20°, 25°, 45° a SUPER SPOT with only 10° is available.

**MOUNTING FRAME**

An unique, trimless mounting plate made from aluminium ensures a trouble-free installation in gypsum ceilings. The special ribs ensure a perfect bonding with the filling plaster.



**CENTRIQ**  
MINIMALIST HI-TECH

## CENTRIQ



CENTRIQ  
SMALL

CENTRIQ  
MEDIUM

CENTRIQ  
LARGE

CENTRIQ  
WALLWASH

- › Mounting: Trackspot
- › 2 Housings: Medium und Large
- › 3 Heads: 60 mm (2"), 95 mm (3 ½"), 125 mm (5")
- › WALLWASH with VERTICAL BOOST available
- › LED with 2700, 3000 and 4000 K; CRI >90 (Energy Label: A++ - A)
- › Lumen: 960 to 5900 lm
- › SUPER SPOT with 8° (Centriq 95 + 125) or 10° (Centriq 60)
- › Beam Angle: 60 (20°, 40°, 60°) | 95 (18°, 26°, 40°) | 125 (16°, 26°, 42°)
- › Seamless integration in 2LOOK4LIGHT TRACK System
- › EPS (Exact Positioning System)
- › SPECIAL LED available
- › Available with DALI Dimm
- › Available in 25 colors

## 2LOOK4LIGHT TRACK SYSTEM



# CENTRIQ

## EXACT POSITIONING SYSTEM

# EPS

The spots of the CENTRIQ family are fitted with the Exact Positioning System (EPS), which was developed by PROLICHT to make it possible to align the luminaires very precisely for the perfect execution of any lighting concept.

The system allows the spots to be rotated 340° without any visible change of position from the outside. The light head can be tilted up to 90°. A detailed angle-display on both movement axes provides visual support for a precise adjustment. As a further aid, the adjusting bracket is furnished with notches every 10° and an audible click indicates the exact position when each notch is reached. The DUAL-LOCK system ensures that the lamp is securely fixed in the desired position. The lamp is fixed in the selected position in each of the two movement directions using a set screw.

CENTRIQ LARGE

PHOTO: ARMIN KUPRIAN



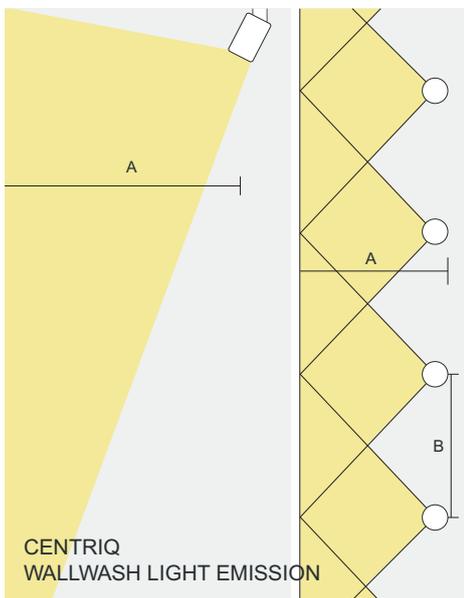
Dual lock system

EPS  
Exact positioning even for  
multiple spots.



**REFLECTOR**  
Special reflectors shape the beam of the CENTRIQ WALLWASH

Ceiling height	Recommended distance A	Recommended distance B
3.0 m 10.0 ft	0.8 m - 0.9 m 31 in - 35 in	1.0 m - 1.2 m 39 in - 47 in
3.5 m 11.5 ft	0.9 m - 1.0 m 35 in - 39 in	1.2 m - 1.4 m 47 in - 55 in
4.0 m 13.0 ft	1.0 m - 1.2 m 39 in - 47 in	1.4 m - 1.6 m 55 in - 63 in
4.5 m 15.5 ft	1.2 m - 1.4 m 47 in - 55 in	1.6 m - 1.8 m 63 in - 70 in





# CENTRIQ

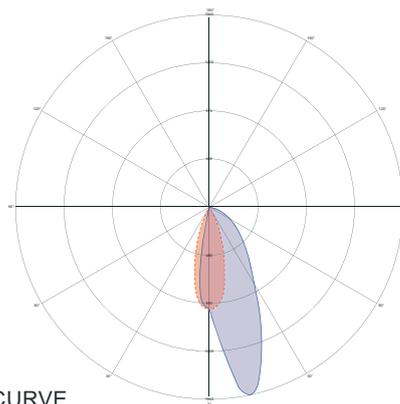
## VERTICAL BOOST

# WALLWASH

The WALLWASH developed by PROLICHT is another special feature of the CENTRIQ family. It is designed according to the new VERTICAL BOOST concept and provides extraordinarily complete and even lighting for walls – and that's without illuminating the floor.

This is made possible by a high-tech multifaceted reflector which has an innovative spoon shape and is arranged at three different angles in the housing. As a result, the round lamp produces a quadrangular light beam that perfectly hugs the shape of the walls. The wallwasher is designed to ensure a uniform and broad illumination of walls up to 4.5 m (14½') high and 1.8 m (6') wide. Additional cut-offs placed in front of the reflectors limit the longitudinal light beam, providing excellent glare control.

An innovative cooling unit keeps the LEDs at a perfect operating temperature. The CENTRIQ WALLWASH achieves a system efficiency of 85% over the lifetime of the LEDs.



CENTRIQ  
WALLWASH POLAR CURVE

# CENTRIQ

## TECHNICAL

# DESCRIPTION

Thanks to sophisticated technology and subtle design, the spots of the CENTRIQ family put the lighting effect in the foreground and can be used in a wide range of application areas.

The wide variety of LEDs and reflectors means you can find the perfect solution for every lighting situation. A SUPER SPOT with an 8° or 10° beam angle is available and can be used to create an extraordinary lighting effect. The innovative heat dissipation system via the housing of the light head guarantees optimized heat management and a long LED life span. The integrated EPS system allows the CENTRIQ lamps to be easily and precisely aligned.

The design of the housing with integrated control gear is aligned with the track: the housing always remains in line with the track, thus remaining visually unobtrusive. The CENTRIQ spots are available with control gear housings in sizes Medium and Large for various application areas. CENTRIQ 95 can be combined with both housings: the M housing is of the same dimensions as the track and therefore fits perfectly. If the maximum lumen value in combination with a DALI drivers is required, CENTRIQ 95 needs to be fitted with the Large housing. Moreover, this combination fulfills global standards that require control gears in larger dimensions. CENTRIQ 125mm is available as standard with a large housing and offers a luminous Flux Level of up to 5900 lumen



**INTEGRATED DALI ADAPTER**  
*PROLICHT has developed its own DALI adapter which is completely integrated in a thermoplastic mechanical track fixation.*

### **EPS**

*The Exact Positioning System features a Degree Indicator for every 10°. While adjusting the Spot clicks into place. The two set screws of the DUAL-LOCK freeze the position.*



**HOUSING**

The aluminium die-casted housing with integrated driver can be offered in 25 colors.

**THERMAL MANAGEMENT**

CENTRIQ manages heat through an aluminium housing in combination with a continuous airflow from openings at the front along the turbine shaped heatsink to the back of the spot. This creates ideal conditions for the LED to work within their approved temperature range.

**REFLECTORS**

Different high-precision reflectors offer different beam angles with a high luminous efficiency.

A highlight is the SUPER SPOT with a super narrow beam angle of 8° or 10°.

**ANTI-GLARE**

A black anti-glare ring ensures high visual comfort and is foreseen with a 3 mm (1/8") thick glass inside. The glass can be exchanged with any lens from the LENS PACK.

