



ZUMTOBEL



## **DIAMO**

Miniaturized Recessed Luminaires

[zumtobel.us/diamo](http://zumtobel.us/diamo)

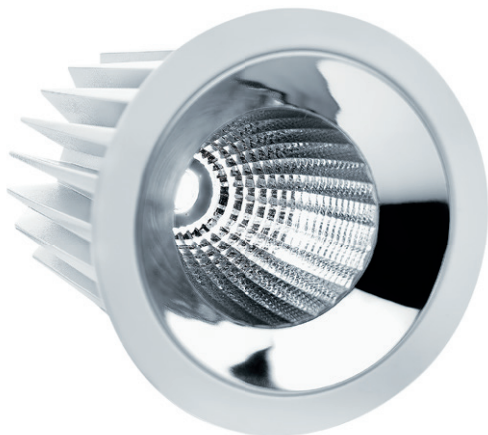


**Fischapark, Wiener Neustadt | AT**

Architecture: Architektur Consult ZT GmbH, Graz | AT

Lighting project design: Bartenbach GmbH, Aldrans | AT

Electrical design: Planungsgruppe Grünbichler GmbH, Kapfenberg | AT



DIAMO | with flood reflector

### **The essence of brilliant lighting**

DIAMO incorporates unique lighting technology developed jointly with experts at Bartenbach GmbH is a highlight in the world of miniaturized recessed luminaires: intelligently designed reflectors ensure accurate light distribution by the high-power and efficient LED modules, without any spill light, as well as perfect glare control. The result: high-intensity pinpoint accent lighting with excellent lighting quality and maximum brilliance. DIAMO combines all these features in an extremely compact design, thus providing for new creative freedom in numerous indoor applications.

DIAMO is a real diamond among LED downlights, enhancing both prestigious and functional areas in offices, setting goods in shops and retail areas brilliantly and powerfully center stage, as it is ideally suited for use in hotels – from reception areas to hotel rooms.

# DIAMO

INCREDIBLE BRILLIANCE IN CREATIVE DIVERSITY



DIAMO gimbal | reflector copper | M 1:1

## COMPLETE PRODUCT FAMILY

### Color Rendering

Ra 90

### Color Temperature

3000 K, 3500 K, 4000 K

### Control

0-10 V dimming, DALI,  
Lutron, Wireless 0-10 V



### DIAMO R68 downlight

Downlight with a minimised design that blends perfectly into the architecture.

### Size (CCO)\*

ø 2.7"

### Lumen Values

*Downlight*

12 W max 960 lm

20 W max 1200 lm

*Wall Wash*

16 W max 720 lm

24 W max 1120 lm

### Beam Angles

Flood (30°)

Wideflood (47°)

Wallwasher (72°)

### Finishes

Light module: White

### Housing

without frame

\*CCO = ceiling cut-out



#### DIAMO MD deep source

Downlight with recessed lighting head to maximize visual comfort.

#### Size (CCO)\*

ø 4" | □ 4"

#### Lumen Values

11 W max 840 lm  
18 W max 1400 lm

#### Beam Angles

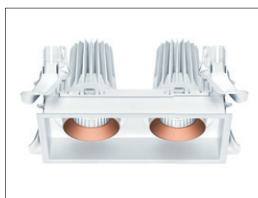
Spot (15°)  
Flood (30°)  
Wideflood (47°)

#### Finishes\*\*

Light module: White  
Reflector: White | Black  
Frame: White | Black

#### Housing

with frame



#### DIAMO MD gimbal (square/ rectangular/single round)

Modular system of pivot and swivel-mounted downlights in a square or round mounting frame (for one luminaire) or a rectangular mounting frame (for two to three luminaires).

#### Size (CCO)\*

□ 4" | □ 4" x 8" | □ 4" x 12"  
180° rotatable | 2 x 20° swivelling

#### Lumen Values

Max 1400 lm (see spec sheet)

#### Beam Angles

Spotlight (15°)  
Flood (30°)  
Wideflood (47°)

#### Finishes\*\*

Light module: White  
Reflector: White | Black  
Frame: White | Black

#### Housing

with frame



#### DIAMO MD wallwash

Modular system wallwashing.

#### Size (CCO)\*

ø 4"  
180° rotatable | 2 x 20° swivelling

#### Lumen Values

Max 1400 lm (see spec sheet)

#### Beam Angles

Wallwasher (72°)

#### Finishes\*\*

Light module: White  
Reflector: White | Black  
Frame: White | Black

#### Housing

with frame

\*CCO = ceiling cut-out

\*\*Standard finishes for light module, reflectors, and frames. Call factory for other selections.

# DIAMO R68 downlight

COMPACT PRECISION

## Light module

The high-quality housing made of die-cast aluminium ensures excellent heat dissipation based on optimized thermal management, which allows the use of high-output LED modules despite the extremely compact design.

White



## LED

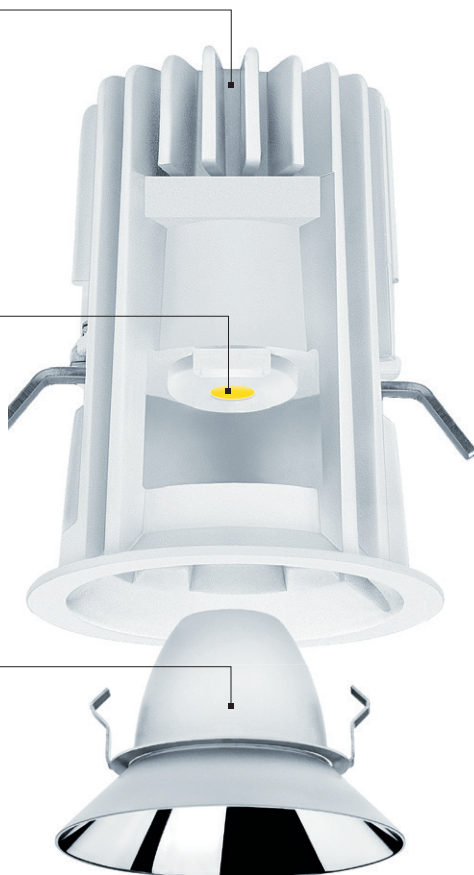
Extremely powerful and efficient LED modules produce a luminous flux of up to 1400 lumens – for pinpoint accent lighting and excellent lighting quality, even in high rooms.

## Fitting

The DIAMO downlight is installed easily and securely in the ceiling using two screw fixing mechanisms.

## Reflectors

Intelligently designed reflectors made of super pure aluminium distribute the light with unique precision, providing for maximum brilliance and perfect glare control.



DIAMO | LED-downlight with flood reflector | scale 1:1

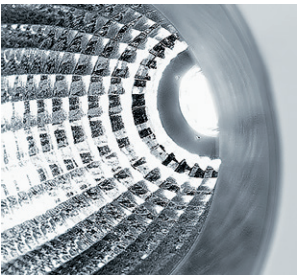


**Autohaus Schweiger, Reutte | AT**

Architects: Helmut Schweiger, Bernd Müller (archtirol), Tirol | AT

Electrical design: systech-solution GmbH, Reutte | AT

Electrical installation: Elektro Entstrasser and Elektrizitätswerke Reutte, Reutte | AT



# DIAMO MD deep source

PERFECT LIGHT COMFORT





### Pleasant lighting effect from the depths

DIAMO MD deep source allows the light effect to take precedence with a lighting head that is recessed deep into the ceiling. Ceiling and luminaire form a perfect unit. No direct visibility of the light source and pleasant luminance levels guarantee maximum visual comfort and a consistently quiet ceiling appearance.

#### Fitting frame\*

White | Black



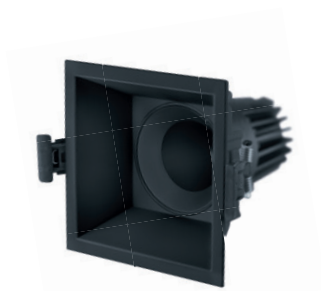
#### Light module\*

White



#### Reflector

White\* | Black\* | Copper | Brass



DIAMO MD deep source | square | Spot



DIAMO MD deep source | round | Flood

# DIAMO MD gimbal

PERSONALIZE WITH COLOR AND LIGHT

## Lighting module \*

Each lighting head can be rotated individually by 180 degrees and swivelled by 2 x 20 degrees – and always remains concealed in the ceiling. Subsequent replacement is also possible, as the lighting head is inserted into the fitting frame from below.

White



## Fitting frame\*

The variety of designs ranges from models with and without frames to round or square models for one light head or rectangular models for integrating two or three light heads. The flexible mounting concept makes it possible to fit the light heads in all frame variants with a simple click.

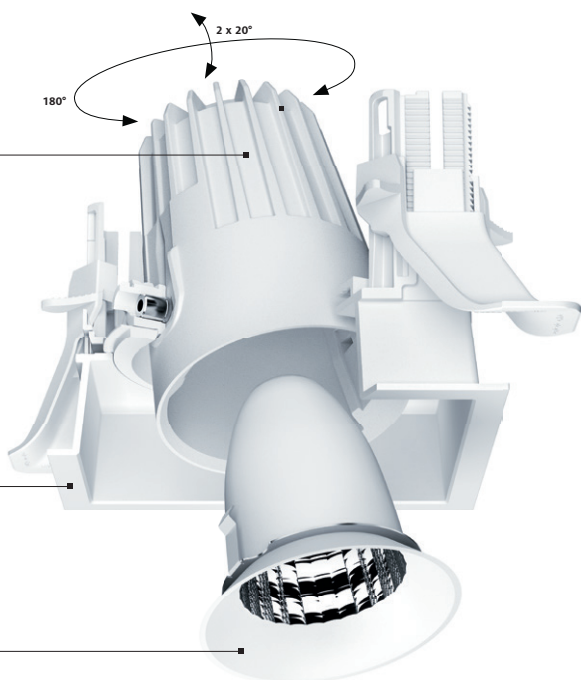
White | Black



## Reflectors

Intelligently designed reflectors made of high-purity aluminium direct the light with unique precision, offering both maximum brilliance and perfect glare control. Thanks to the modular design, lighting heads and reflectors can be combined together in any color. The excellent lighting effect remains constantly at the highest level.

White\* | Black\* | Copper | Brass



DIAMO MD gimbal | Flood | Reflector White | M 1:1

*\*Standard finishes for light module, reflectors, and frames. Call factory for other selections.*

### **Individual luminaires with excellent lighting quality**

DIAMO MD gimbal combines architectural design in a compact linear form with the exceptional and brilliant light quality of DIAMO. The blend of modular design and individually adjustable lighting heads allows for a high degree of flexibility, which is reflected in both the versatile application possibilities and the level of design freedom. The individual composition of the specific components creates luminaires that, with their wide range of colors\*\*, become unique personalized items.



*\*\*Standard finishes for light modules, reflectors and frames noted on next page.*

# DIAMO MD

MODULAR CONCEPT FOR DIAMO MD GIMBAL AND DIAMO MD DEEP SOURCE



## Light modules\*



Spotlight Flood Wideflood Wallwasher

## Module finishes\*



White

## Reflector finishes



White\* Black\* Copper Brass

## Frames gimbal\*



**Trim**  
single | double | triple  
White | Black



**Trimless**  
single | double | triple  
White | Black



**Trim**  
single  
White | Black



**Trimless**  
single  
White | Black

## Frames deep source\*



**Square**  
White | Black



**Round**  
White | Black

\*Standard finishes for light module, reflectors, and frames. Call factory for other selections.



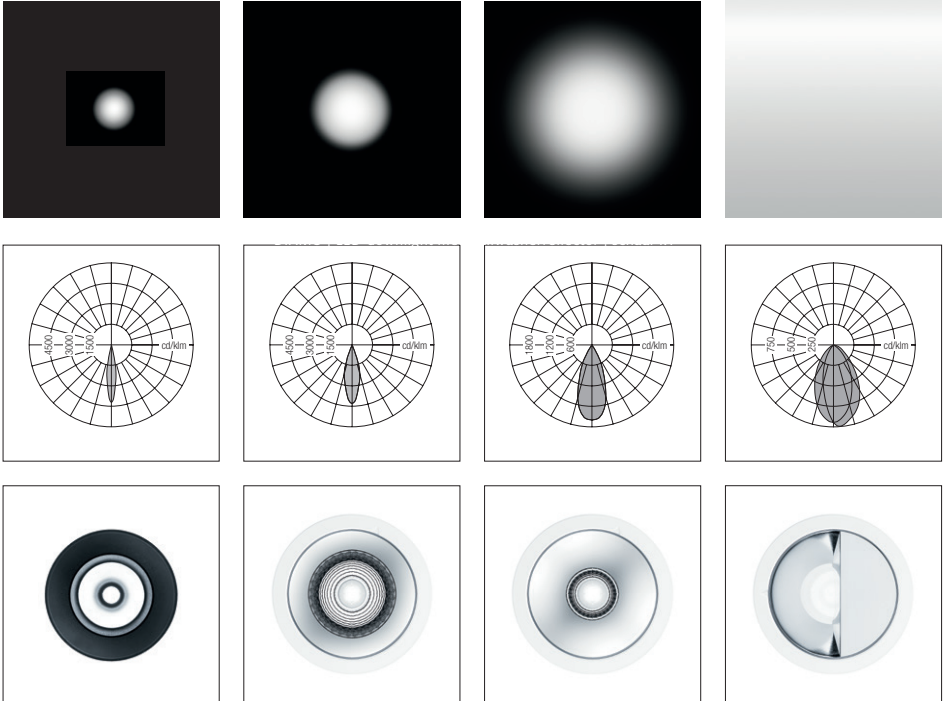
# DIAMO

## LIGHT BEAM FEATURES

Thanks to reflectors with different light beam features – spot, flood, wideflood and wallwasher – for fixed and swivelling downlights, well as spotlights, the DIAMO luminaire series offers an outstanding range of options for holistic lighting concepts with a uniform design language.

The spot variant puts the focus on individual objects with a narrow light distribution of 15 degrees. A glass lens with an anti-glare tube is used instead of a reflector. Vertical surfaces are evenly illuminated with the wallwasher version.

### DIAMO beam angles



Spot 15°  
(only for DIAMO MD)

Flood 30°

Wideflood 47°

Wallwasher 72°



DIAMO R68 | LED downlight with wallwasher reflector | scale 1:1

T H E L I G H T

**[zumtobel.us/contacts](https://zumtobel.us/contacts)**

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*We reserve the right to make technical changes without notice.*