



## DISCUS

### Spotlight system

State-of-the-art light sources throw fresh light on future standards for efficient, high-quality presentation of goods.

[linked](#)

All order numbers in the PDF are linked to the Zumtobel online catalogue.

[zumtobel.com/discus](http://zumtobel.com/discus)

“The basic structure of the spotlight consists of a solar disc which is reminiscent of the ancient symbol for the sun complete with a magically lit recessed circular ring. Symbolic form and high technology coalesce into a single unit which uses as few materials as possible and therefore has the smallest possible ecological footprint. This simple design is consistent with closed-loop recycling scenarios. The replaceable optic extends the product’s service life by making it flexibly adaptable to cope with new lighting tasks. Ancient symbolism and sustainable technologies provide an area of conflicting tensions from which future innovations are born.”



Design DISCUS | EOOS



State-of-the-art light sources inspire new peaks of performance and this is especially true of the DISCUS spotlight system. Its delicate but robust design is creatively inspired by cutting-edge LED technology: a flat, minimalist shape with an unmistakable appearance – characterised by the radial fins of the passive heatsink and its illuminated replaceable optic. It fulfils the exacting demands made on sales-promoting accent lighting with dependable accuracy and extremely good colour rendering (Ra 92). The new DISCUS LED-generation Evolution achieves double the luminous flux and efficiency of its predecessor. The luminaire is dimmed on the actual spotlight itself or by DALI control commands, both these methods have a positive impact on energy consumption. If outputs in excess of the 32 W provided by LEDs are required, 50 and 70 W HIT models featuring identical design styling are also available. The product range is rounded out by track-mounted models and recessed spotlights that blend unobtrusively into any interior design.





#### DISCUS Evolution LED



Compact spotlight boasting cutting-edge LED technology

##### Lamps

32 W LED

##### Colour rendering

Ra 92: 1,950 lm (61 lm/W) with warm 3000 K

Ra 82: 2,100 lm (65 lm/W) with warm 3000 K

2,300 lm (71 lm/W) with intermediate 4000 K

##### Dimmed

on spotlight itself or by DALI

##### Spotlight head

rotates through 365°, pivots through 90°

#### DISCUS HIT G8,5



Compact HIT spotlight up to 4,200 lm

##### Lamps

HIT G8.5 35 W

HIT G8.5 50 W

HIT G8.5 70 W

##### Lumen packages

up to 4,200 lm

##### Spotlight head

rotates through 365°, pivots through 90°





#### DISCUS Evolution LED E1



Recessed spotlight boasting cutting-edge LED technology

##### Lamps

32 W LED

##### Colour rendering

Ra 92: 1,950 lm (61 lm/W) with warm 3000 K

Ra 82: 2,100 lm (65 lm/W) with warm 3000 K

2,300 lm (71 lm/W) with intermediate 4000 K

##### Dimmed

by DALI

##### Spotlight head

rotates through 365°, pivots through 90°

#### DISCUS Evolution LED E2



Recessed spotlight boasting cutting-edge LED technology

##### Lamps

2 x 32 W LED

##### Colour rendering

Ra 92: 2 x 1,950 lm (61 lm/W) with warm 3000 K

Ra 82: 2 x 2,100 lm (65 lm/W) with warm 3000 K

2 x 2,300 lm (71 lm/W) with intermediate 4000 K

##### Dimmed

by DALI

##### Spotlight head

rotates through 365°, pivots through 90°

#### DISCUS HIT E1



Recessed HIT spotlight with excellent colour rendering and good lumen packages

##### Lamps

HIT G8.5 35 W

HIT G8.5 50 W

HIT G8.5 70 W

##### Lumen packages

up to 4,200 lm

##### Spotlight head

rotates through 365°, pivots through 90°

#### DISCUS HIT E2



Recessed HIT spotlight with excellent colour rendering and good lumen packages

##### Lamps

2 x HIT G8.5 35 W

2 x HIT G8.5 50 W

2 x HIT G8.5 70 W

##### Lumenpakete

up to 2 x 4,200 lm

##### Spotlight head

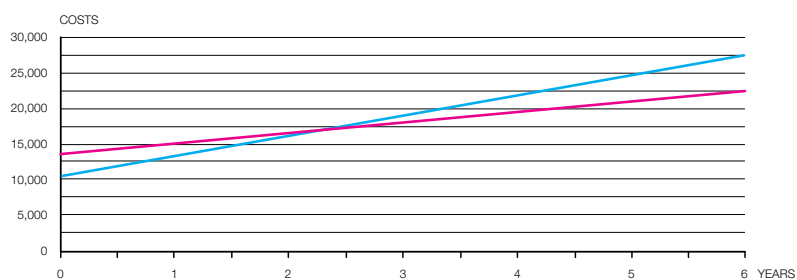
rotates through 365°, pivots through 90°



DISCUS Evolution LED | 32 W

## DISCUS Evolution LED

True to the tradition of the patented DISCUS design idiom, the new LED generation is an efficient power package. Delivering up to 2,300 lm of light, DISCUS Evolution LED is a replacement for HIT systems up to 42 W and halogen systems up to 100 W – and saves energy into the bargain. The Evolution series consumes up to 25% less energy than HIT and 68% less than halogen lamps. Investing in a DISCUS LED spotlight pays for itself within no more than 2.5 years thanks to reduced energy and maintenance costs, as evidenced by the calculation comparing the total costs of an LED and a HIT solution. To ensure differentiated lighting and additional energy savings, the LED spotlight is dimmed directly on the luminaire or by DALI. Flexibly replaceable lens optics make DISCUS Evolution LED a particularly interesting proposition for shops.



**Graph showing total costs**

- DISCUS Evolution LED 32 W
- DISCUS HIT 35 W G8.5  
(total power 42 W)





DISCUS HIT E1 | G8.5 | 50 W

## DISCUS HIT

If there is a requirement for relatively high lumen packages with good colour rendering, it is advisable to use the compact HIT models rated up to 70 W. The product range is rounded out by an energy saving alternative, a 50 W HIT spotlight. These HIT models extend the range into highly efficient output levels while maintaining the same appearance as DISCUS LED. Thanks to their consistent appearance, LED and HIT spotlights can be combined as required, always retaining an uncluttered ceiling look.

Easily installed accessories mounted behind the built-in front ring transform the spotlight into an individual lighting tool for impressive lighting scenarios.



DISCUS Evolution LED E2 | 2 x 32 W

## Recessed DISCUS

Recessed DISCUS versions enable a maximum fusing of light and architecture. Their spotlight heads are identical to the surface-mounted spotlights. Installation and handling are easy and convenient. A significantly reduced number of components is the result of the minimalist design concept. This in turn increases operational reliability and reduces maintenance effort.

The recessed twin-lamp DISCUS model produces twice the amount of light in a comparatively small space, thus helping ensure an uncluttered ceiling look.



DISCUS HIT E1 | G8.5 | 50 W

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**Loewe Galerie Haupt, Wildau / DE**  
Lighting solution: DISCUS LED spotlights,  
PANOS INFINITY LED downlights







DISCUS Evolution LED | 32 W

- 1 Design** The perfectly matched LED light source and optic enable a new, even flatter and more delicate stylistic idiom that is not feasible using conventional lamps. The minimalist design idiom blends perfectly into many architectures and preserves an uncluttered, purist ceiling look. Thanks to a specially developed mechanism, the absolute flexibility of the spotlight head is retained across all models.



DISCUS Evolution LED | 32 W



**2 Lens optics** The lens optics are matched to the LED boards and ensure precise light distribution. All four rotationally symmetrical cones of light provide pleasantly smooth lighting thanks to their high degree of uniformity. DISCUS spotlights also feature distinctively high light intensity in the centre with gradual transition towards the edges. The lens optics (described in greater detail on the next page) can be replaced by a few simple movements of the hand without the use of any tools whatsoever.

**3 LED board** The LED board developed by Zumtobel is optimised for efficient, high-quality accent lighting and makes the extremely flat design of the luminaire possible. UV and IR-free light is gentle on the colours of illuminated merchandise. Excellent colour rendering (Ra 92) means that demanding visual tasks can be handled with perfect ease. Special binning ensures very low colour drift (MacAdam 3).

**4 Passive cooling** Cooling is absolutely crucial for a high-performance LED spotlight. Inadequate cooling reduces both a spotlight's light output and service life. With DISCUS, thermal management is an integral part of the design concept. Cooling is passive, functioning with high efficiency according to a chimney effect: cool air is thermally attracted and guided from below through the fins. In the process, the inflowing air conducts excess heat upwards and away from the lighting module. In combination with the perfectly connected spotlight housing made of die-cast aluminium, efficient heat dissipation is achieved with simultaneously compact dimensions.



DISCUS Evolution LED | with oval outline lens, vertical

## DISCUS

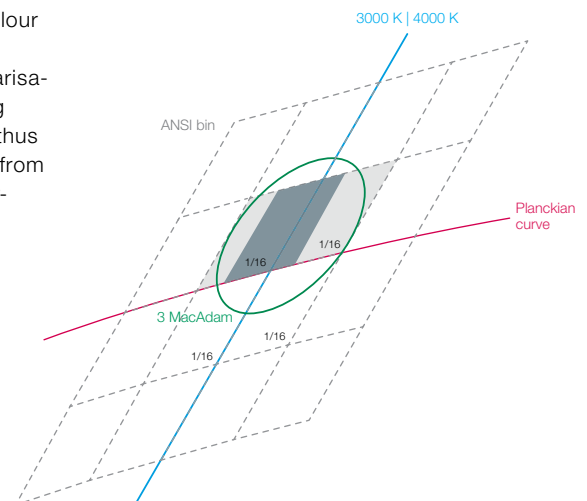
### Excellent lighting quality

The LED board and lens optic are perfectly matched and result in a unique optical system. The spotlight's spectral and photometric light distribution is characterised by high levels of accuracy, uniformity and intensity. The DISCUS spotlight achieves an extraordinarily tight colour point tolerance thanks to special binning. The LED spotlight combines a binning of 3 MacAdam ellipses, 1/16-2/16 ANSI bin, with good to excellent colour rendering and therefore stands up well in comparison with any conventional system.

Four different lens optics (spot, flood, wideflood and oval) in colour temperatures ranging from 3000 K to 4000 K can be replaced quickly without the use of any tools. Thanks to mechanical polarisation, they are simple to fit in the location provided. Light shining between the lenses lends the front panel a useful diffuseness, thus reducing the luminance and ensuring good glare control. Light from the individual LED points is distributed more effectively and perceived as a ring.

	Ra	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
930	92	93	98	98	90	92	97	89	79	56	94	90	80	94	100	89

Colour rendering/spectral distribution | total Ra: 92



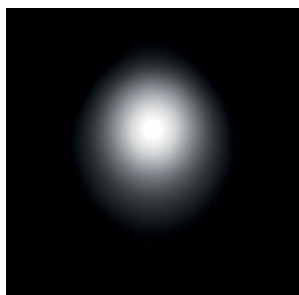
LED binning | 3000 K and 4000 K



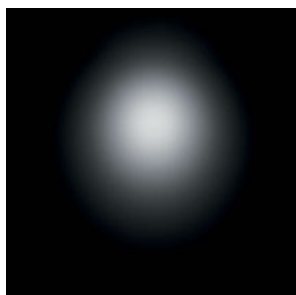
## DISCUS Evolution LED

### Lens optics

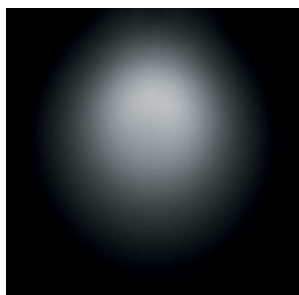
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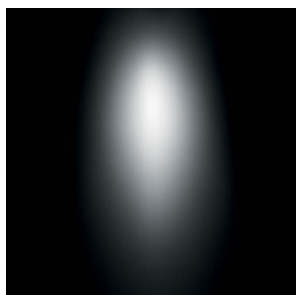
Spot  
17-18°



Flood  
27°

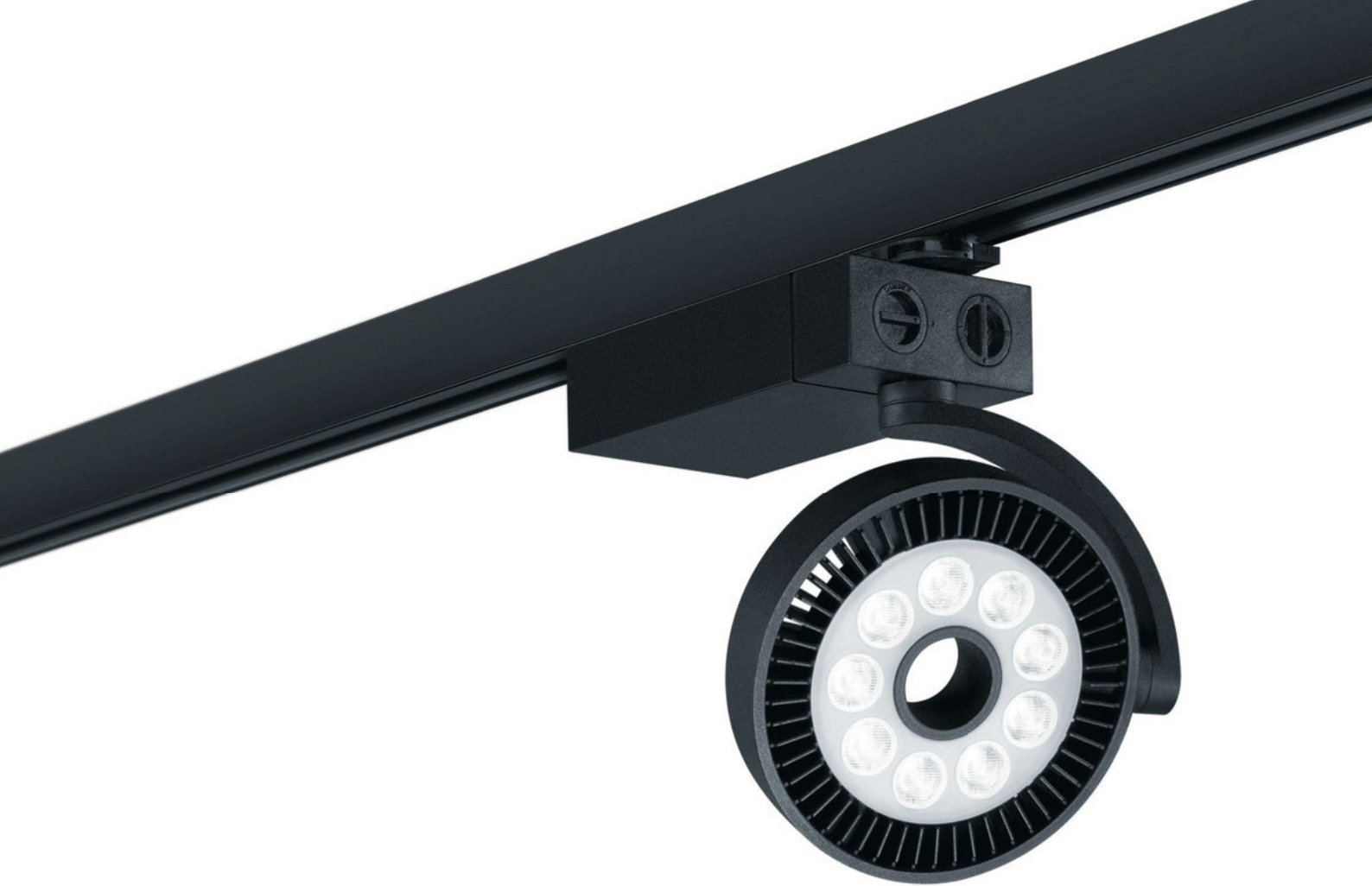


Wideflood  
40°



Oval

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## **DISCUS**

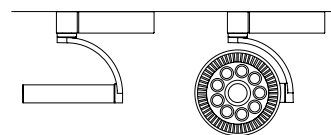
### Perfect dimming

The option of dimming opens up new scope for lighting retail areas: this provides greater empowerment and accuracy because the high-grade LEDs in the DISCUS spotlight maintain a constant colour temperature and colour rendering even when dimmed. LEDs differ from halogen and HIT lamps in this respect.

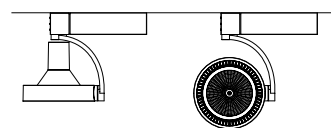
Two options with a double advantage: the brightness can be adjusted on the actual DISCUS spotlight itself using a rotary switch on the track box or by DALI control commands. Dimming saves energy and makes impressive lighting sceneries possible.



**A lighting solution with a consistent design using LED or HIT spotlights** The requirements in a shop vary widely. Different ceiling heights and various lighting distances all meet in close proximity. DISCUS Evolution was developed for standard ceiling heights (4 m - 5 m) in shop and retail applications. Goods at a distance of 2 m - 3 m are perfectly lit – with dimmable lighting intensity. HIT spotlights are used for longer distances and higher outputs. The DISCUS spotlight system therefore enables you to handle all important lighting tasks perfectly. What is special is that DISCUS retains its discreet appearance regardless of the lamp technology used and can be mounted on a track, on the ceiling or installed into the ceiling.



DISCUS Evolution LED



DISCUS HIT G8.5



Apoteket Ugglan, Stockholm / SE

Lighting design: Pelk AB, Stockholm / SE

Lighting solution: Discus LED spotlights,  
SUPERSYSTEM lighting system

# DISCUS

## Operation and accessories

### Replacing the LED lens optics

The lens optics simply snap into the front panel without using any tools, the correct and precise position is identified by mechanical polarisation.

- 

1 Take hold of lens optic at both sides, at the indentations provided
- 

2 Withdraw lens optic
- 

3 Observe coding when inserting new lens
- 

4 Briefly press to snap in lens optic

### Replacing HIT lamps and accessories

The sophisticated design of DISCUS is also apparent with the simple replacement of lamps and accessories. Only a few steps using twist-and-lock mechanisms ensure easy relamping, reducing maintenance effort to a minimum.

- 

1 Unscrew the front ring
- 

2 Remove the insert
- 

3 Remove lamp reflector
- 

4 Insert the desired filter








DISCUS Evolution LED | with anti-glare ring

## Installing the recessed spotlight

The mounting brackets of the recessed housing are automatically pressed against the ceiling by tightening the concealed screws. This makes it possible to fix the luminaire quickly, securely and precisely in ceilings of different thicknesses.

- 1  Turn metal bracket to push-in position
- 2  Push in recessed spotlight
- 3  Tighten screws to automatically press spotlight against the ceiling
- 4  The luminaire has now been fixed precisely and securely

## Accessories

### DISCUS Evolution LED



Lens optics



Oval outline lenses



Anti-glare ring

### DISCUS HIT



Replaceable reflectors



Anti-glare tube and ring



Diffuser lenses

# DISCUS

Applications





The Body Shop, Emmen/CH



Alcina, Bielefeld/DE

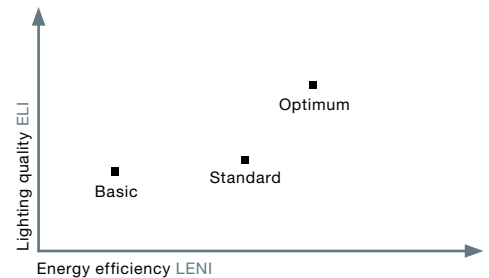


# DISCUS

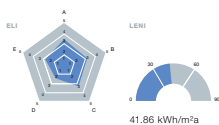
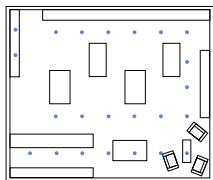
Human Aspects + Energy Efficiency = Humanenergy Balance

## Balanced lighting solutions Retail space

The HIT power pack in combination with energy efficient LED technology reduces energy consumption and simultaneously creates a varied atmosphere that is full of contrast. The lighting solution is complete with dynamic colour components, creating an individual and atmospheric ambience even in areas where there are no goods on display.



### Basic



- VIVO M QT 1/100 W
- Dimmed

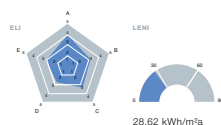
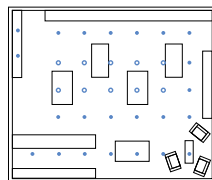
#### Lighting quality

- Brilliant accent lighting with excellent colour rendition

#### Energy efficiency

- Low luminous efficiency and short maintenance intervals
- Lighting can be dimmed, thus saving additional energy

### Standard



- DISCUS HIT 1/35 W
- DISCUS HIT 1/70 W
- Switched

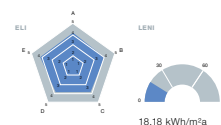
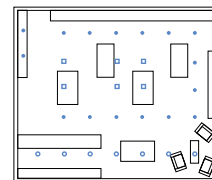
#### Lighting quality

- Very good colour rendition
- High colour constancy over complete service life

#### Energy efficiency

- Very high luminous efficiency
- Relatively short maintenance intervals

### Optimum



- DISCUS LED 1/30 W
- DISCUS HIT 1/70 W
- PANOS BIOMOTION 1/40 W
- Lighting scenes (LX EMOTION)

#### Lighting quality

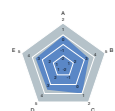
- A combination of finely detailed lighting with DISCUS LED and strong ambient lighting with DISCUS HIT
- Dynamic ambient lighting with PANOS Biomotion in areas where no goods are presented
- Uniform appearance and calm ceiling look thanks to homogeneous DISCUS design

#### Energy efficiency

- High luminous flux, long life and compact design of LED version
- A hybrid solution of HIT and LED spotlights increases contrast and attraction in the shop and also improves energy efficiency

### General conditions:

Retail space 10 m x 12 m, 8 hours, 250 days per year



ELI Ergonomic Lighting Indicator

Lighting quality on the basis of five criteria:

A Visual performance | Identification of goods

B Appearance | Identity

C Visual comfort | Presentation of goods

D Vitality | Emotion

E Empowerment and flexibility | Lighting management



LENI Lighting Energy Numeric Indicator

Energy consumption in kWh

per year and square metre,

based on EN 15193.

[...] Shared properties DISCUS LED / HIT

- Housing made of die-cast aluminium
- Zumtobel trackbox adapter made of black or white polycarbonate
- Mains voltage: 220–240 V / 50/60 Hz
- Not suitable for point outlets

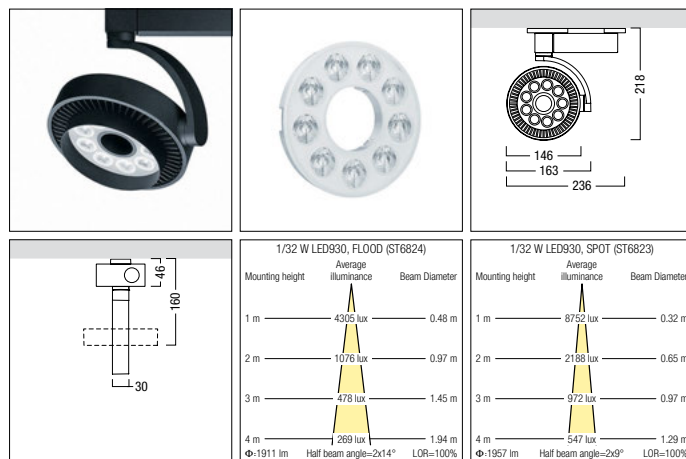
## DISCUS Evolution LED



- [...]
- Designed to provide optimum high-quality accent lighting, especially in retail and showroom areas
- Secondary lens optic, which can be changed without tools, delivers precise, uniform light distribution for a choice of beam angles
- Passive cooling achieved by innovative thermal design
- Accessories attached by click-fit mechanism
- Colour: matt black and white micro-textured paint finish
- Lamp unit can rotate through 360° and tilt through ±90°
- Colour temperature: 3000 K (LED830/930: warm white) or 4000 K (LED840: neutral white)
- Colour rendering index: Ra 82 (LED830/840) / Ra 92 (LED930)
- Colour stability MacAdam 3
- Luminaire luminous flux: 1800–2400 lm
- Luminaire efficiency: 56–71 lm/W
- Service life: 50,000 h at 70 % luminous flux
- Dimmable Dali only model / rotary-pot dimming model: 3–100 % dimming adjustment of illuminance level
- Can be mounted horizontally on wall
- Please note: DALI model is only suitable for use with Zumtobel 3-phase/L3+DALI track

	kg	Order no.	Order no.
<b>3-phase LED spotlight, flood (with universal adapter)</b>		<b>white</b>	<b>black</b>
1/32 W LED830 flood	1,2	60 712 302	60 712 303
1/32 W LED830 flood, rotary potentiometer	1,2	60 712 310	60 712 311
1/32 W LED840 flood	1,2	60 712 306	60 712 307
1/32 W LED840 flood, rotary potentiometer	1,2	60 712 314	60 712 315
1/32 W LED930 flood	1,2	60 712 318	60 712 319
1/32 W LED930 flood, rotary potentiometer	1,2	60 712 322	60 712 323
<b>3-phase LED spotlight, spot (with universal adapter)</b>		<b>white</b>	<b>black</b>
1/32 W LED830 spot	1,2	60 712 300	60 712 301
1/32 W LED830 spot, rotary potentiometer	1,2	60 712 308	60 712 309
1/32 W LED840 spot	1,2	60 712 304	60 712 305
1/32 W LED840 spot, rotary potentiometer	1,2	60 712 312	60 712 313
1/32 W LED930 spot	1,2	60 712 316	60 712 317
1/32 W LED930 spot, rotary potentiometer	1,2	60 712 320	60 712 321
<b>L3+DALI LED spotlight, flood (including Universal adapter)</b>		<b>white</b>	<b>black</b>
1/32 W LED930 flood, dimmable Dali only	1,2	60 712 326	60 712 327
<b>L3+DALI LED spotlight, spot (including Universal adapter)</b>		<b>white</b>	<b>black</b>
1/32 W LED930 spot, dimmable Dali only	1,2	60 712 324	60 712 325
<b>Accessory</b>			
Anti-glare ring			60 700 310
Replaceable optic, flood			60 700 312
Replaceable optic, oval-outline lens, horizontal			60 700 314
Replaceable optic, oval-outline lens, vertical			60 700 315
Replaceable optic, spot			60 700 311
Replaceable optic, wideflood			60 700 313

Models with surface-mount fitting available on request



## DISCUS LED / HIT

### DISCUS HIT-TC-CE G8.5



- [...]
- Optimum accent lighting, especially in retail and showroom areas
- Colour: silver, black or white micro-textured paint finish
- Spotlight rotates through 365°, pivots through  $\pm 90^\circ$
- Front ring fixed to spotlight housing by twist-and-lock mechanism
- Specular reflector made of anodised highest-grade aluminium, silver colour, incl. protective glass panel
- Superspot to wideflood beam pattern possible
- Safety glass cover can be replaced with blocking filter or diffuser lens
- Wall-mounting not permissible

#### Spotlight with 3-circuit adaptor flood (with universal adapter)

1/35 W HIT-TC-CE G8,5 flood, black	0,9	60 710 961
1/35 W HIT-TC-CE G8,5 flood, white	0,9	60 711 155
1/35 W HIT-TC-CE G8,5 flood, silver	0,9	60 710 960
1/50 W HIT-TC-CE G8,5 flood, black	0,9	60 712 459
1/50 W HIT-TC-CE G8,5 flood, white	0,9	60 712 460
1/50 W HIT-TC-CE G8,5 flood, silver	0,9	60 712 458
1/70 W HIT-TC-CE G8,5 flood, black	0,9	60 710 965
1/70 W HIT-TC-CE G8,5 flood, white	0,9	60 711 157
1/70 W HIT-TC-CE G8,5 flood, silver	0,9	60 710 964

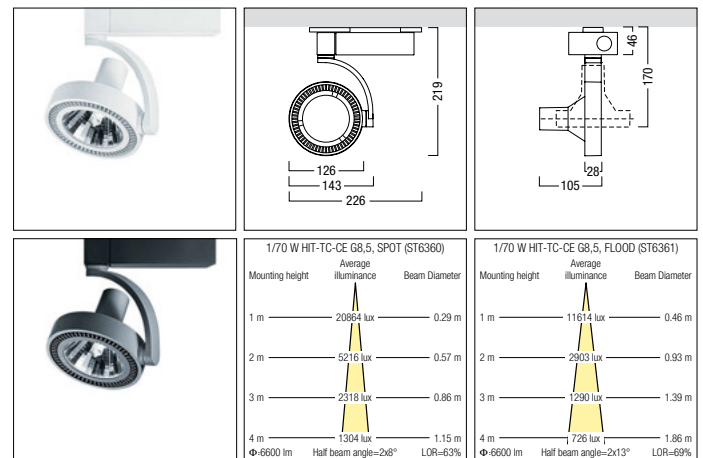
#### Spotlight with 3-circuit adaptor spot (with universal adapter)

1/35 W HIT-TC-CE G8,5 spot, black	0,9	60 710 959
1/35 W HIT-TC-CE G8,5 spot, white	0,9	60 711 154
1/35 W HIT-TC-CE G8,5 spot, silver	0,9	60 710 958
1/50 W HIT-TC-CE G8,5 spot, black	0,9	60 712 456
1/50 W HIT-TC-CE G8,5 spot, white	0,9	60 712 457
1/50 W HIT-TC-CE G8,5 spot, silver	0,9	60 712 455
1/70 W HIT-TC-CE G8,5 spot, black	0,9	60 710 963
1/70 W HIT-TC-CE G8,5 spot, white	0,9	60 711 156
1/70 W HIT-TC-CE G8,5 spot, silver	0,9	60 710 962

#### Accessory

50° oval-outline lens	60 700 111
anti-glare cylinder HIT-TC-CE G8.5	60 700 218
anti-glare ring HIT-TC-CE G8.5	60 700 216
IR/UVA	60 700 084
Soft-outline lens	60 700 109
Interchangeable reflector flood, silver	60 700 072
Interchangeable reflector spot, silver	60 700 071
Interchangeable reflector superspot, silver	60 700 187
Interchangeable reflector wideflood, silver	60 700 073

Models with surface-mount fitting available on request.





[...] Shared properties DISCUS-S LED / HIT

- Die-cast aluminium lamp-unit housing
- Installation: by means of concealed screw-fixing, ceiling thickness 1-25 mm

### DISCUS-S Evolution E1 LED, recessed, 1 unit



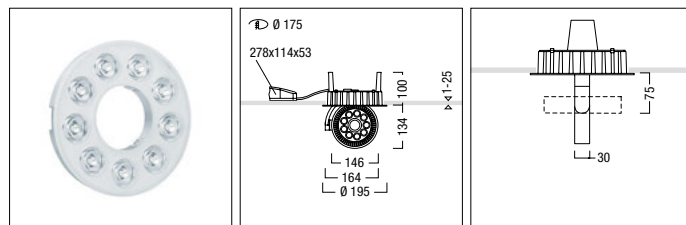
- [...]
- Designed to provide optimum high-quality accent lighting, especially in retail and showroom areas
- Secondary lens optic, which can be changed without tools, delivers precise, uniform light distribution for a choice of beam angles
- Colour: white microtextured paint finish
- Lamp unit can rotate through 360° and tilt through ±90°
- Accessories attached by click-fit mechanism
- Passive cooling achieved by innovative thermal design
- Die-cast aluminium recessed housing with circular oval mounting surround in white microtextured paint finish with black interior
- With controllable ballast (Dali), separate unit
- Colour temperature: 3000 K (LED830/930: warm white) or 4000 K (LED840: neutral white)
- Colour rendering index: Ra 82 (LED830/840) / Ra 92 (LED930)
- Colour stability MacAdam 3
- Luminaire luminous flux: 1800–2400 lm
- Luminaire efficiency: 56–71 lm/W
- Service life: 50,000 h at 70 % luminous flux
- Illuminance level can be dimmed from 3–100 % using dimmable Dali
- 5-pole plug-in connecting terminal; cable loop-in/loop-out facility
- Mains voltage: 220–240 V / 50/60 Hz

#### 1-lamp LED module

	kg	Order no.
1/32 W LED830 flood, dimmable Dali only	1,8	60 813 807
1/32 W LED830 spot, dimmable Dali only	1,8	60 813 806
1/32 W LED840 flood, dimmable Dali only	1,8	60 813 809
1/32 W LED840 spot, dimmable Dali only	1,8	60 813 808
1/32 W LED930 flood, dimmable Dali only	1,8	60 813 815
1/32 W LED930 spot, dimmable Dali only	1,8	60 813 814

#### Accessory

	kg	Order no.
Anti-glare ring		60 700 310
Assembly tool TORX ball head, drive size 1/4" x 70 T20		60 700 309
Replaceable optic, flood		60 700 312
Replaceable optic, oval-outline lens, horizontal		60 700 314
Replaceable optic, oval-outline lens, vertical		60 700 315
Replaceable optic, spot		60 700 311
Replaceable optic, wideflood		60 700 313



1/32 W LED830, FLOOD (ST6820)			1/32 W LED830, SPOT (ST6819)		
Mounting height	Average illuminance	Beam Diameter	Mounting height	Average illuminance	Beam Diameter
1 m	4817 lux	0.48 m	1 m	9901 lux	0.31 m
2 m	1204 lux	0.95 m	2 m	2475 lux	0.62 m
3 m	535 lux	1.43 m	3 m	1100 lux	0.94 m
4 m	301 lux	1.90 m	4 m	619 lux	1.25 m
Φ=2083 lm Half beam angle=2x13° LOR=100%			Φ=2135 lm Half beam angle=2x9° LOR=100%		

## DISCUS-S LED / HIT

### DISCUS-S Evolution E2 LED, recessed, 2 units



- [...]
- Designed to provide optimum high-quality accent lighting, especially in retail and showroom areas
- Secondary lens optic, which can be changed without tools, delivers precise, uniform light distribution for a choice of beam angles
- Colour: white microtextured paint finish
- Lamp unit can rotate through 360° and tilt through ±90°
- Accessories attached by click-fit mechanism
- Passive cooling achieved by innovative thermal design
- Die-cast aluminium recessed housing with oval mounting surround in white microtextured paint finish with black interior
- With controllable ballast (Dali), separate unit
- Colour temperature: 3000 K (LED830/930: warm white) or 4000 K (LED840: neutral white)
- Colour rendering index: Ra 82 (LED830/840) / Ra 92 (LED930)
- Colour stability MacAdam 3
- Luminaire luminous flux: 1800–2400 lm
- Luminaire efficiency: 56–71 lm/W
- Service life: 50,000 h at 70 % luminous flux
- Illuminance level can be dimmed from 3–100 % using dimmable Dali
- 5-pole plug-in connecting terminal; cable loop-in/loop-out facility
- Mains voltage: 220–240 V / 50/60 Hz

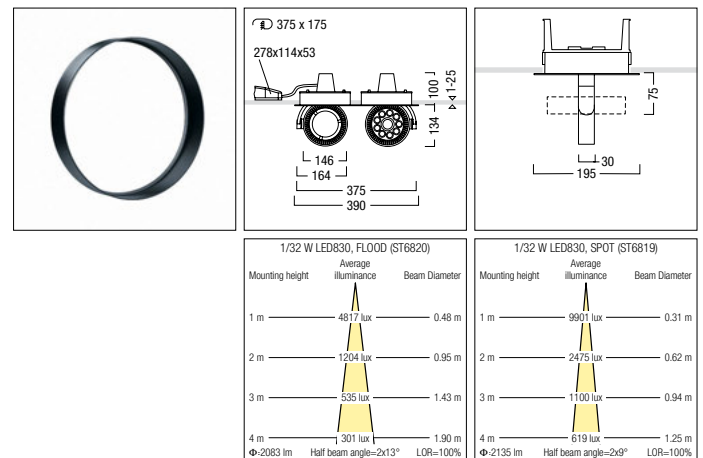
#### 2-lamp LED module

	kg	Order no.
2/32 W LED830 flood, dimmable Dali only	3,6	60 813 811
2/32 W LED830 spot, dimmable Dali only	3,6	60 813 810
2/32 W LED840 flood, dimmable Dali only	3,6	60 813 813
2/32 W LED840 spot, dimmable Dali only	3,6	60 813 812
2/32 W LED930 flood, dimmable Dali only	3,6	60 813 817
2/32 W LED930 spot, dimmable Dali only	3,6	60 813 816

#### Accessory

	kg	Order no.
Anti-glare ring		60 700 310
Assembly tool TORX ball head, drive size 1/4" x 70 T20		60 700 309
Replaceable optic, flood		60 700 312
Replaceable optic, oval-outline lens, horizontal		60 700 314
Replaceable optic, oval-outline lens, vertical		60 700 315
Replaceable optic, spot		60 700 311
Replaceable optic, wideflood		60 700 313

Light distribution curve only shown for one lamp unit.



## DISCUS-S E1 HIT-TC-CE G8.5, recessed, 1 unit



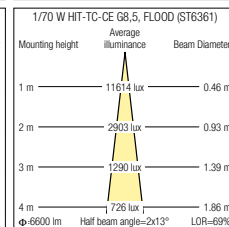
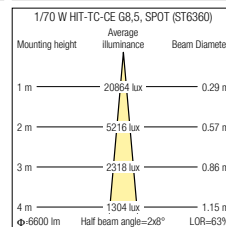
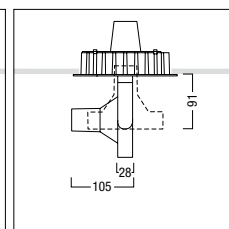
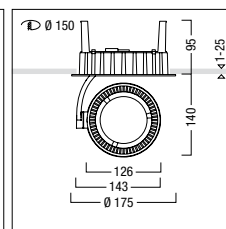
- [...]
- Optimum accent lighting, especially in retail and showroom areas
- Colour: white or silver microtextured paint finish
- Lamp unit can rotate through 360° and tilt through ±90°
- Front ring fixed in lamp-unit housing by twist-and-lock mechanism
- Specular reflector made of anodised highest-grade aluminium, silver colour, incl. protective glass panel
- Superspot to wideflood beam pattern possible
- Safety glass cover can be replaced with blocking filter or diffuser lens
- Die-cast aluminium recessed housing with circular mounting surround in white or silver microtextured paint finish
- Connector: Wieland plug ST 18/3; electronic ballast (please order separately)
- Luminaires can also be fitted with 35 W HIT-TC-CE G8.5 lamps

## Single module

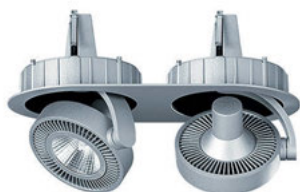
	kg	Order no.	Order no.
1/70 W HIT-TC-CE G8.5, flood	1,0	60 812 757	60 812 758
1/70 W HIT-TC-CE G8.5, spot	1,0	60 812 755	60 812 756

## Accessory

50° oval-outline lens	60 700 111
anti-glare cylinder HIT-TC-CE G8.5	60 700 218
anti-glare ring HIT-TC-CE G8.5	60 700 216
IR/UVA	60 700 084
Soft-outline lens	60 700 109
Interchangeable reflector flood, silver	60 700 072
Interchangeable reflector spot, silver	60 700 071
Interchangeable reflector superspot, silver	60 700 187
Interchangeable reflector wideflood, silver	60 700 073



## DISCUS-S E2 HIT-TC-CE G8.5, recessed, 2 units



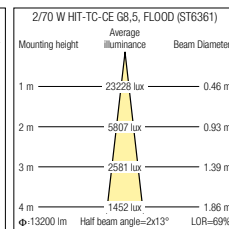
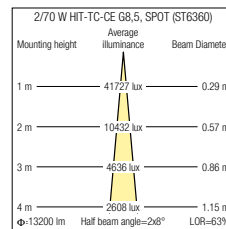
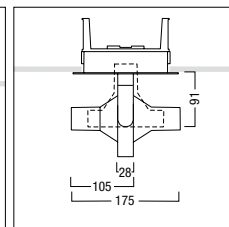
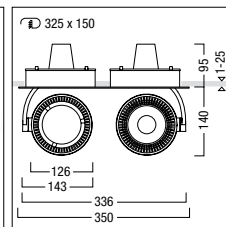
- [...]
- Optimum accent lighting, especially in retail and showroom areas
- Colour: white or silver microtextured paint finish
- Lamp unit can rotate through 270° and tilt through ±90°
- Front ring fixed in lamp-unit housing by twist-and-lock mechanism
- Specular reflector made of anodised highest-grade aluminium, silver colour, incl. protective glass panel
- Superspot to wideflood beam pattern possible
- Safety glass cover can be replaced with blocking filter or diffuser lens
- Die-cast aluminium recessed housing with oval mounting surround, in white or silver microtextured paint finish
- Connection: ST 18/3 Wieland plug for each lamp unit
- Please order electronic ballast separately
- Luminaires can also be fitted with 35 W HIT-TC-CE G8.5 lamps

## Dual module

	kg	Order no.	Order no.
2/70 W HIT-TC-CE G8.5, flood	2,0	60 812 769	60 812 770
2/70 W HIT-TC-CE G8.5, spot	2,0	60 812 768	60 812 767

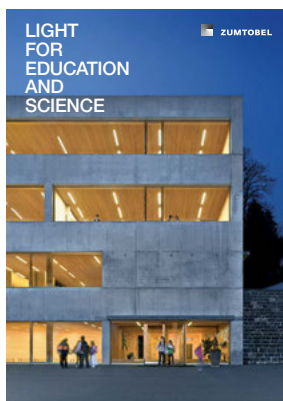
## Accessory

50° oval-outline lens	60 700 111
anti-glare cylinder HIT-TC-CE G8.5	60 700 218
anti-glare ring HIT-TC-CE G8.5	60 700 216
Soft-outline lens	60 700 109
Interchangeable reflector flood, silver	60 700 072
Interchangeable reflector spot, silver	60 700 071
Interchangeable reflector superspot, silver	60 700 187
Interchangeable reflector wideflood, silver	60 700 073





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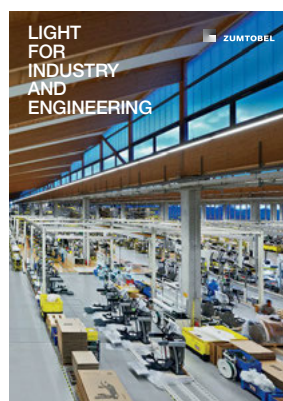
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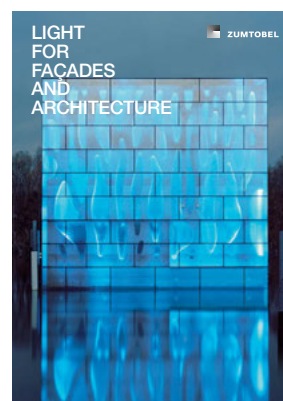
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**Zumtobel is the internationally leading supplier of integral lighting solutions for professional interior and exterior lighting applications.**

- Offices and Communication
- Education and Science
- Presentation and Retail
- Hotel and Wellness
- Art and Culture
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We provide unique customer benefits by integrating technology, design, emotion and energy efficiency. Under the Humanergy Balance concept, we combine the best possible ergonomic lighting quality for an individual's well-being with the responsible use of energy resources. The company's own sales organisations in twenty countries, as well as commercial agencies in fifty other countries, form an international network of experts and design partners providing professional lighting consulting, design assistance and comprehensive services.

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In line with our corporate philosophy *"We want to use light to create worlds of experience, make work easier and improve communications and safety while remaining fully aware of our responsibility to the environment"*, Zumtobel offers energy-efficient high-quality products, while at the same time making sure that our production processes based on the considerate use of resources are environmentally compatible.

[zumtobel.com/sustainability](http://zumtobel.com/sustainability)



#### Top quality – with a five-year guarantee.

As a globally leading luminaire manufacturer, Zumtobel provides a five year manufacturer's guarantee on all Zumtobel branded products subject to registration within 90 days from the invoice date and in accordance with the terms of guarantee at [zumtobel.com/guarantee](http://zumtobel.com/guarantee).

Order no. 04 923 976-EN 10/12 © Zumtobel Lighting GmbH

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# ZUMTOBEL



Track and spots



Modular lighting systems



Downlights



Recessed luminaires



Surface-mounted and pendant luminaires



Free-standing and wall-mounted luminaires



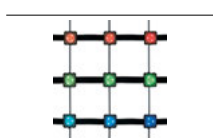
Continuous-row systems and individual batten luminaires



High-bay luminaires and floodlight reflector systems



Luminaires with extra protection



Façade, media and outdoor luminaires



Lighting management system



Emergency lighting



Medical supply systems

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# ZUMTOBEL

## DISCUS

### Spotlight system

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