

**TRILUX**  
SIMPLIFY YOUR LIGHT.

## INPLANA | ONPLANA

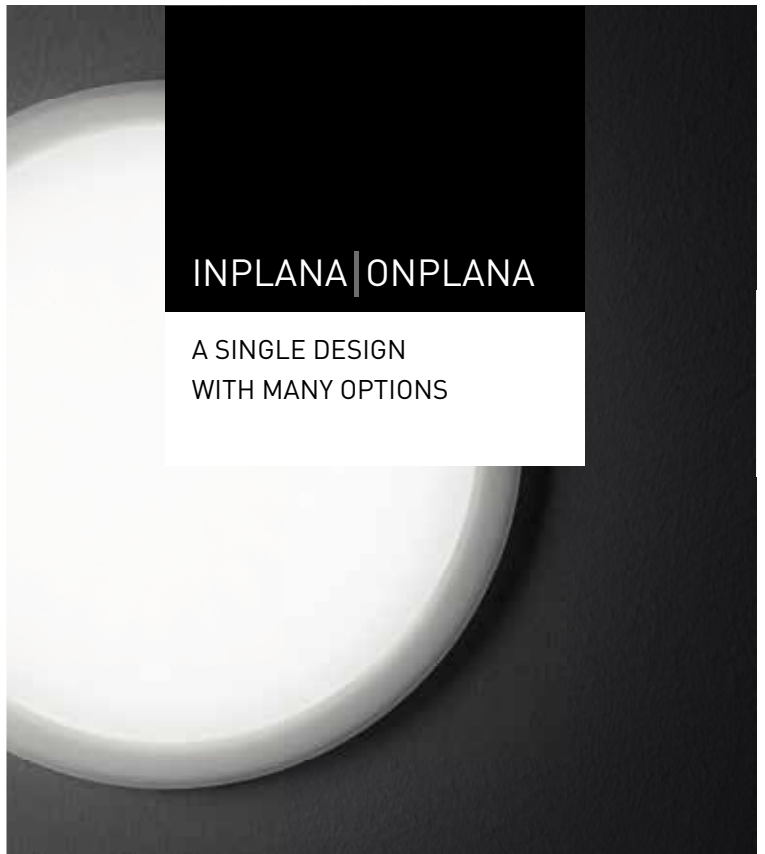
RADIANCE TO GET  
EXCITED ABOUT





## INPLANA | ONPLANA

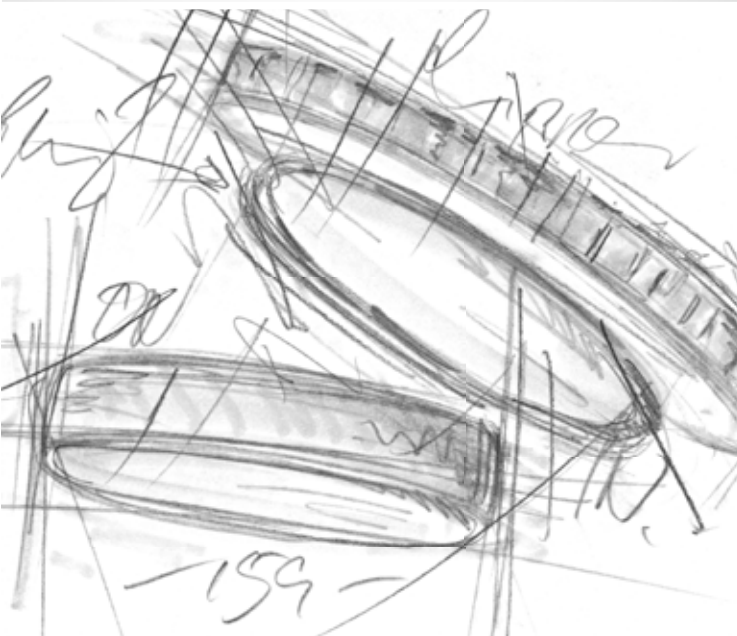
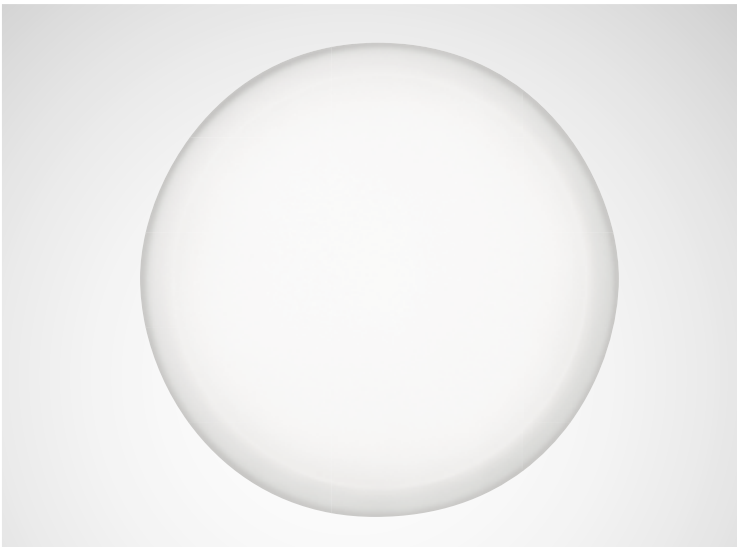
A SINGLE DESIGN  
WITH MANY OPTIONS



A glance up at the ceiling says more than a thousand words. It's here that the TRILUX Inplana and Onplana LED downlights exhibit pleasant, uniform light emission – the very first glare-reduced planar light in the downlight sector. The energy-efficient luminaires blend into any interior thanks to their modern, purist design, enabling light and the architecture itself to come to the fore. Installed flush to the ceiling, the downlights emphasise a concise, clean ceiling appearance, with the standard version slightly illuminating the ceiling with indirect light components. The luminaires are also suitable for wall mounting thanks to minimised direct glare, thus expanding designing flexibility and because big ideas often don't need a lot of room, the luminaires have an especially flat design.

# INTERVIEW

VISIBLE LIGHT  
VISIBLY REDUCED GLARE





### **Discussion with Frank Nürnberger (Product Manager)**

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How is it possible to transfer the major trend of planar, visible light into the world of downlights?

Well, that was the first question I asked myself. We knew we could achieve an ultra-flat form due to our approach of illuminating a wide-area diffuser with a wide distribution light source.

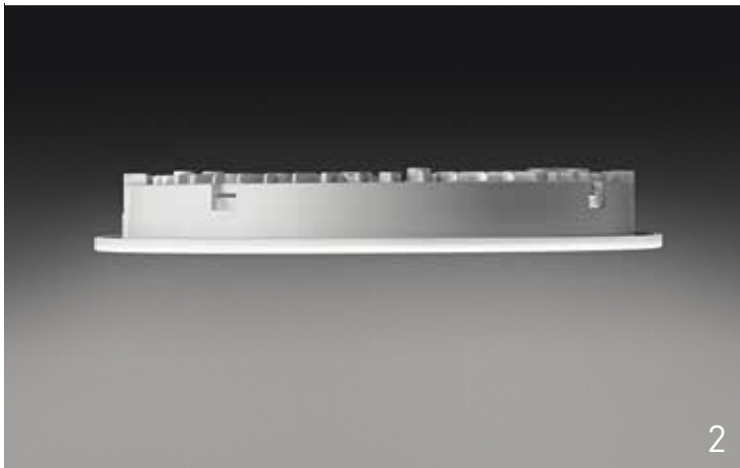
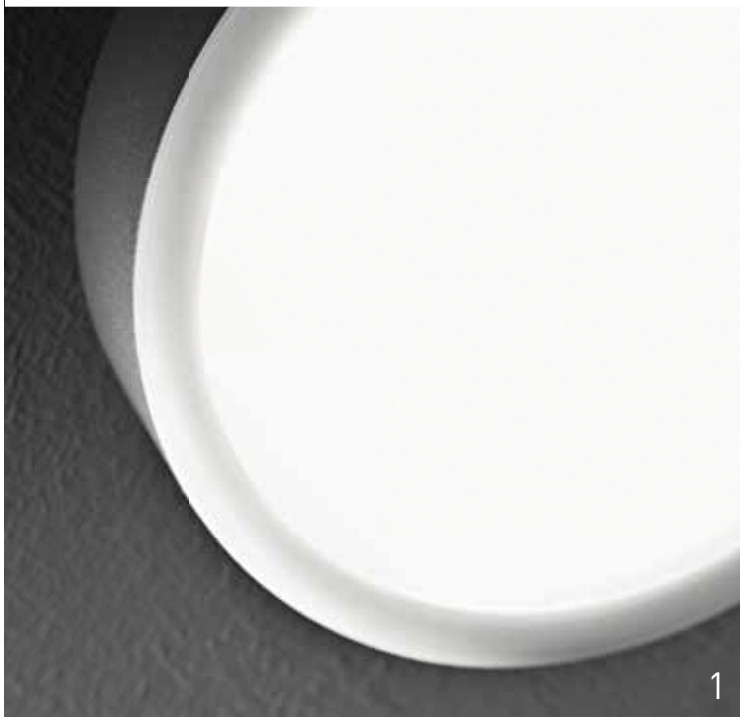
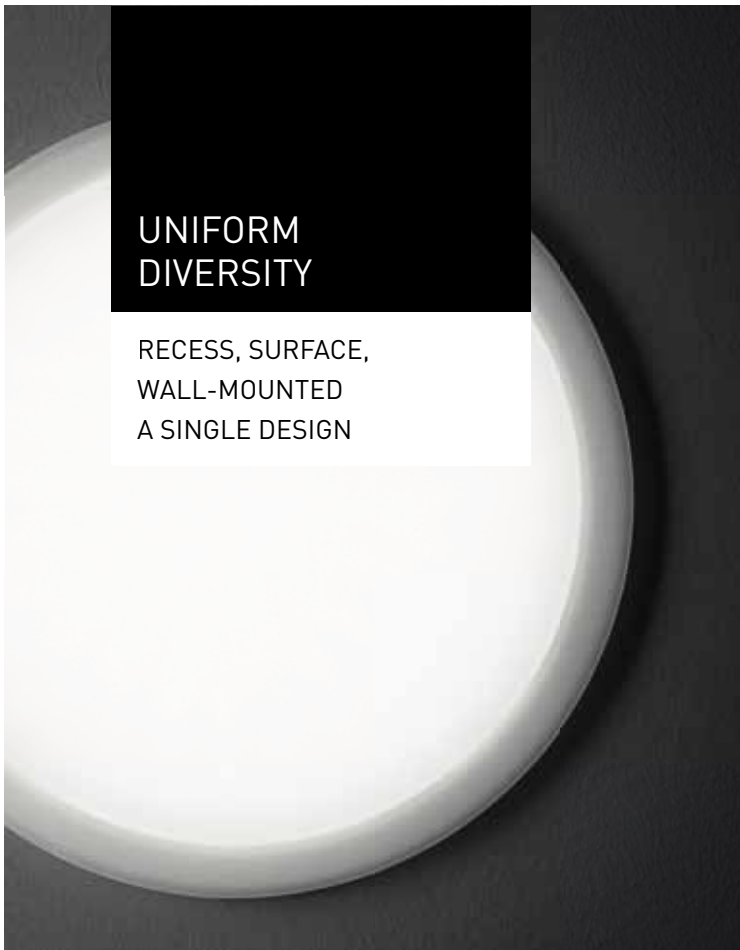
Suddenly many additional possibilities presented themselves which could never have been possible with conventional reflector technology:

- Minimal recess depths
- A particularly flat surface-mounted version
- Reduced luminance levels that even enable wall-mounting

We aimed to design a downlight with a completely purist appearance to support modern architecture and with that in mind we developed a superimposed optical system enabling all joints in the horizontal plane to be eliminated. Various plaster frames were also used to achieve a wholly uniform ceiling appearance and lastly, to achieve standard-compliant office lighting, we gave the range a second, extremely high-performance optical system... All in all – radiance to get excited about!

UNIFORM  
DIVERSITY

RECESS, SURFACE,  
WALL-MOUNTED  
A SINGLE DESIGN



## 1 Product diversity – the right light for any lighting situation

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The luminaires are available in two sizes with two optical systems and three luminous flux levels (1,000 lm, 2,000 lm and 3,000 lm). With glare reduction in accordance with UGR19, the Inplana and Onplana LED are also suitable for the standard-compliant lighting of computer screen workstations. As a result, wide-ranging and individual lighting concepts can be achieved with a single product family and one overall design.

## 2 A flat design – for low intermediate ceiling spaces

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The extremely flat Inplana downlight with external control unit is even suitable for intermediate ceiling spaces of only 35 mm, thereby fitting into almost any ceiling. With a 60 mm construction height, the Onplana surface-mounted version is flatter than ever.

## 3 Planar light – perfect (light) atmospheres

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With their special construction form, Inplana and Onplana LED offer possibilities which were not previously possible with conventional reflector downlights. With the slightly surface-mounted version, the optical system with diffuser disc overlaps the luminaire mounting ring to create pleasant ceiling illumination. The result is unique: diffuse, uniform light that attractively displays ceilings and rooms.

## 4 New options – the first downlights for ceilings and walls

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The surface-mounted and recessed downlights feature pleasant, minimised luminance and uniform, wide-area light emission. This means the downlights can be installed not only in ceilings but also into or on walls, offering increased designing flexibility.

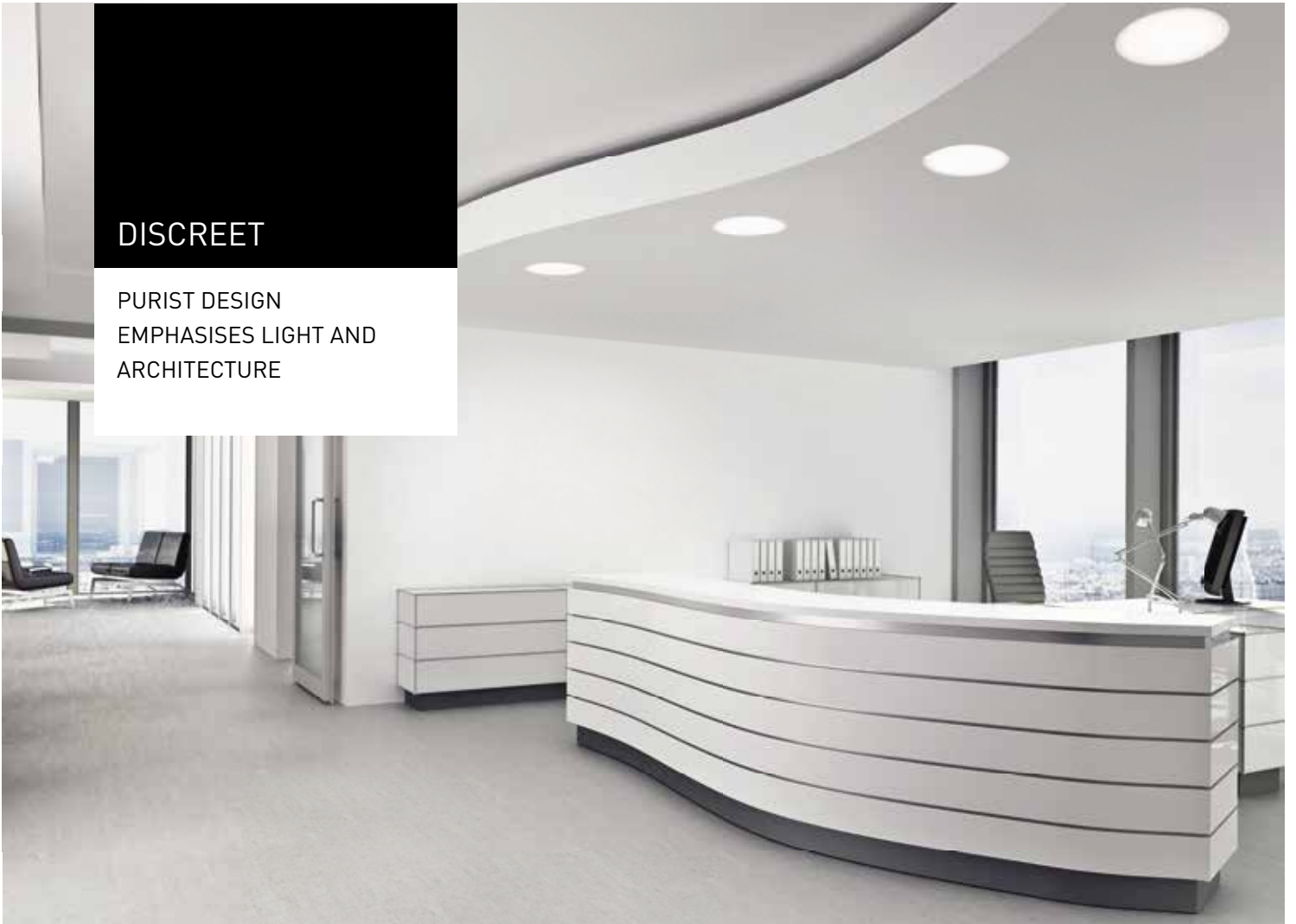
## 5 Simply attractive – the flexible adaptation artist

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With their simple, highly flexible design, the Inplana and Onplana LED downlights blend perfectly into interiors and confidently fulfil their lighting tasks. The Inplana LED downlight can be integrated into the ceiling without trim using various plaster frames to give especially clean, uniform ceiling appearances.

## DISCREET

PURIST DESIGN  
EMPHASISES LIGHT AND  
ARCHITECTURE







### **Timeless sophistication**

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When it comes to attractively illuminating sophisticated architecture in compliance with standards, the Inplana and Onplana downlights score on two points – with highly homogeneous light and a timeless, adaptable design.

### **A photometric highlight**

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Inplana and Onplana's low levels of direct glare open up new application options. Wall mounting is now possible for the first time with a downlight and the luminaires emit discreet ceiling illumination via the attached optical system.

### **An adaptable design**

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Thanks to their purist appearance, the luminaires are highly adaptable. Installed flush into the ceiling, the luminaires take on a highly discreet appearance and let light and architecture take centre stage.



DOUBLY  
UNIFORM

TWO COVERS  
ONE DESIGN  
MANY OPTIONS

### **Microprisms for VDU workstations**

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Thanks to high glare reduction, the downlights with microprismatic covers are suitable for the standard-compliant illumination of computer screen workstations. These luminaires comply with glare reduction in accordance with UGR19 and EN 12464-1.



### **Opal cover for general applications**

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Downlights with a frosted cover emit pleasant and uniform illumination for general lighting tasks such as corridors, stairways and conference rooms.



INPLANA | ONPLANA

THE SWARM

### **Unique optic for maximum visual comfort**

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Special Inplana and Onplana versions provide maximum glare reduction for standard-compliant lighting to UGR19 and EN12464-1 – and with double the luminous flux per square metre compared to standard planar luminaires. This lumen output is achieved with a special reflector that combines a swarm of primary reflectors with a diffuser disc and microprisms.



INPLANA | ONPLANA

MICROPRISMS

# THE PORTFOLIO

## SIMPLY EXPLAINED

### INPLANA C07/C09 OTA...

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Recessed downlight for plasterboard ceiling openings. Tool-free ceiling installation via rapid-mounting catches. Ceiling thickness 10 - 25 mm. LED degradation L80, service life  $\geq 50,000$  operating hours. Luminaire body of die-cast aluminium, powder-coated white. Uniformly illuminated diffuser optics. Increased lighting comfort via decorative ceiling illumination. Completely harmonious light effect due to uniformly illuminated light emission. With mainly direct light distribution.

...C07...	Ceiling cut-out $\varnothing$ 215 mm, recess depth $\geq 36$ mm
...C09...	Ceiling cut-out $\varnothing$ 300 mm, recess depth $\geq 36$ mm
...OTA22...	Cover of translucent PMMA, UGR22
...OTA25...	Cover of translucent PMMA, UGR25
...1000...	Luminaire luminous flux $\sim 1,000$ lm
...2000...	Luminaire luminous flux $\sim 2,000$ lm
...3000...	Luminaire luminous flux $\sim 3,000$ lm
...830...	Colour rendering index $R_a > 80$ , colour temperature 3,000 K
...840...	Colour rendering index $R_a > 80$ , colour temperature 4,000 K
...ET...	With external electronic transformer, switchable
...ETDD...	With external electronic transformer, digitally dimmable (DALI)

**Ordering example:** Inplana C07 OTA22 1000-840 ET 01

### INPLANA C07/C09 CDP...

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Recessed downlight for plasterboard ceiling openings. Tool-free ceiling installation via rapid-mounting catches. Ceiling thickness 10 - 25 mm. LED degradation L80, service life  $\geq 50,000$  operating hours. Luminaire body of die-cast aluminium, powder-coated white. Uniformly illuminated diffuser optics. Increased lighting comfort via decorative ceiling illumination. Completely harmonious light effect due to uniformly illuminated light emission. With mainly direct light distribution.

...C07...	Ceiling cut-out $\varnothing$ 215 mm, recess depth $\geq 36$ mm
...C09...	Ceiling cut-out $\varnothing$ 300 mm, recess depth $\geq 36$ mm
...CDP19...	With primary reflector and highly efficient CDP microprisms Direct glare limitation in accordance with $UGR \leq 19$ Suitable for VDU screens according to EN 12464-1
...1000...	Luminaire luminous flux $\sim 1,000$ lm
...2000...	Luminaire luminous flux $\sim 2,000$ lm
...830...	Colour rendering index $R_a > 80$ , colour temperature 3,000 K
...840...	Colour rendering index $R_a > 80$ , colour temperature 4,000 K
...ET...	With external electronic transformer, switchable
...ETDD...	With external electronic transformer, digitally dimmable (DALI)

**Ordering example:** Inplana C09 CDP19 2000-830 ETDD 01



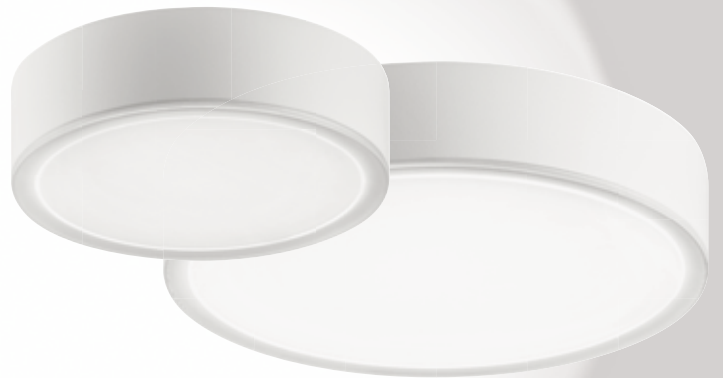
#### ONPLANA D07/D09 OTA...

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Surface-mounted downlight for wall and ceiling mounting. LED degradation L80, service life  $\geq 50,000$  operating hours. Luminaire body of die-cast aluminium. Uniformly illuminated diffuser optics. Increased lighting comfort via decorative ceiling illumination. Completely harmonious light effect due to uniformly illuminated light emission. With mainly direct light distribution.

...D07...	Luminaire diameter $\varnothing$ 234 mm, luminaire height 60 mm
...D09...	Luminaire diameter $\varnothing$ 316 mm, luminaire height 60 mm
...OTA22...	Cover of translucent PMMA, UGR22
...OTA25...	Cover of translucent PMMA, UGR25
...1000...	Luminaire luminous flux $\sim 1,000$ lm
...2000...	Luminaire luminous flux $\sim 2,000$ lm
...3000...	Luminaire luminous flux $\sim 3,000$ lm
...830...	Colour rendering index $R_a > 80$ , colour temperature 3,000 K
...840...	Colour rendering index $R_a > 80$ , colour temperature 4,000 K
...ET...	With external electronic transformer, switchable
...ETDD...	With external electronic transformer, digitally dimmable (DALI)
...01...	Colour of textured paint white.
...26...	Colour of textured paint anthracite.

**Ordering example:** Onplana D07 OTA22 1000-840 ET 01



#### ONPLANA D07/D09 CDP...

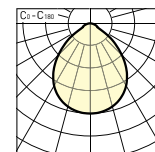
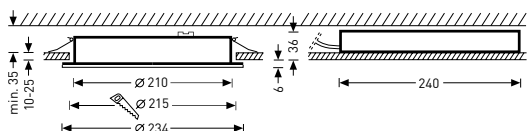
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Surface-mounted downlight for wall and ceiling mounting. LED degradation L80, service life  $\geq 50,000$  operating hours. Luminaire body of die-cast aluminium. Uniformly illuminated diffuser optics. Increased lighting comfort via decorative ceiling illumination. Completely harmonious light effect due to uniformly illuminated light emission. With mainly direct light distribution.

...D07...	Luminaire diameter $\varnothing$ 234 mm, luminaire height 60 mm
...D09...	Luminaire diameter $\varnothing$ 316 mm, luminaire height 60 mm
...CDP19...	With primary reflector and highly efficient CDP microprisms Direct glare limitation in accordance with $UGR \leq 19$ Suitable for VDU screens according to EN 12464-1
...1000...	Luminaire luminous flux $\sim 1,000$ lm
...2000...	Luminaire luminous flux $\sim 2,000$ lm
...830...	Colour rendering index $R_a > 80$ , colour temperature 3,000 K
...840...	Colour rendering index $R_a > 80$ , colour temperature 4,000 K
...ET...	With external electronic transformer, switchable
...ETDD...	With external electronic transformer, digitally dimmable (DALI)
...01...	Colour of textured paint white
...26...	Colour of textured paint anthracite

**Ordering example:** Onplana D09 CDP19 2000-830 ETDD 26

## Inplana – planar recessed downlights with microprisms, construction size ...C07...

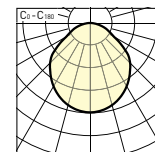
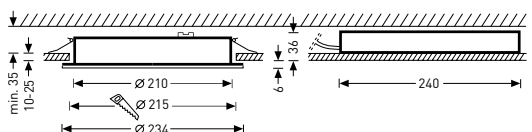


IP20/IP54 on room side

Reference	TOC	...ETDD	...ET		EEC	W	≈kg
Inplana C07 CDP19 1000-830...01	64 549...	...51	...40	1,000 lm	A++/A+/A	9.5	1.3
Inplana C07 CDP19 1000-840...01	64 548...	...51	...40	1,100 lm	A++/A+/A	9.5	1.3

• IK02/0.2 J 650° C

## Inplana – planar recessed downlights with semi-specular optic, construction size ...C07...



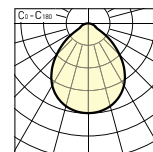
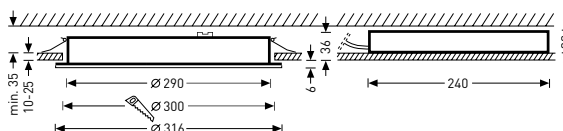
IP20/IP54 on room side

Reference	TOC	...ETDD	...ET		EEC	W	≈kg
Inplana C07 OTA22 1000-830...01	64 547...	...51	...40	1,200 lm	A++/A+/A	9.5	1.3
Inplana C07 OTA22 1000-840...01	64 546...	...51	...40	1,200 lm	A++/A+/A	9.5	1.3
Inplana C07 OTA25 2000-830...01	64 551...	...51	...40	1,900 lm	A++/A+/A	15	1.3
Inplana C07 OTA25 2000-840...01	64 550...	...51	...40	2,000 lm	A++/A+/A	15	1.3

• IK02/0.2 J 650° C



## Inplana – planar recessed downlights with microprisms, construction size ...C09...

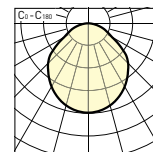
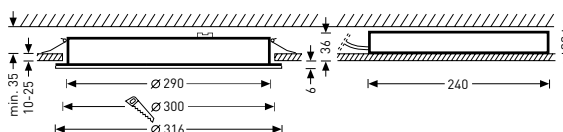
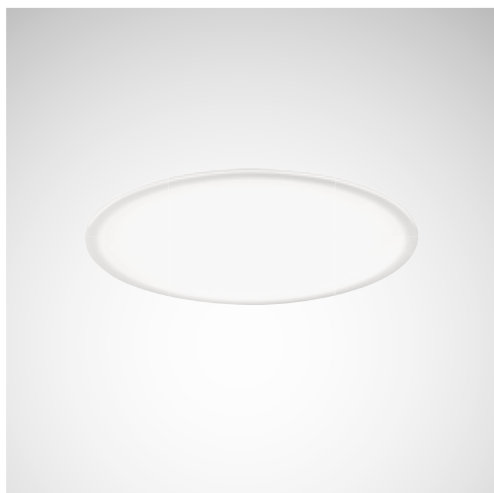


IP20/IP54 on room side

Reference	TOC	...ETDD	...ET		EEC	W	≈kg
Inplana C09 CDP19 2000-830...01	64 555...	...51	...40	1,700 lm	A++/A+/A	18	1.7
Inplana C09 CDP19 2000-840...01	64 554...	...51	...40	1,800 lm	A++/A+/A	18	1.7

• IK02/0.2 J 650° C

## Inplana – planar recessed downlights with semi-specular optic, construction size ...C09...

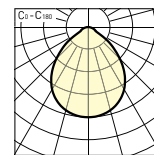
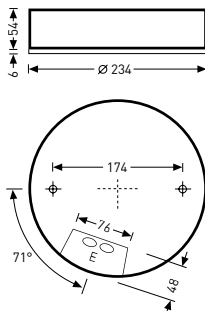


IP20/IP54 on room side

Reference	TOC	...ETDD	...ET		EEC	W	≈kg
Inplana C09 OTA22 2000-830...01	64 553...	...51	...40	1,900 lm	A++/A+/A	18	1.7
Inplana C09 OTA22 2000-840...01	64 552...	...51	...40	2,000 lm	A++/A+/A	18	1.7
Inplana C09 OTA25 3000-830...01	64 557...	...51	...40	3,000 lm	A++/A+/A	28	1.7
Inplana C09 OTA25 3000-840...01	64 556...	...51	...40	3,100 lm	A++/A+/A	28	1.7

• IK02/0.2 J 650° C

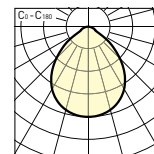
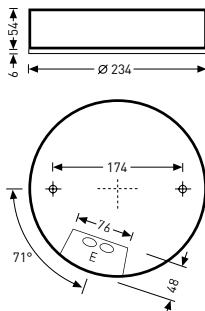
## Onplana – surface-mounted downlights with microprisms, construction size ...D07..., textured paint white



Reference	TOC	...ETDD	...ET		EEC	W	≈kg
• Onplana D07 CDP19 1000-830...01	64 575...	...51	...40	1,100 lm	A++/A+/A	10	1.9
• Onplana D07 CDP19 1000-840...01	64 573...	...51	...40	1,100 lm	A++/A+/A	10	1.9

• IK02/0.2 J 650° C

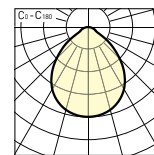
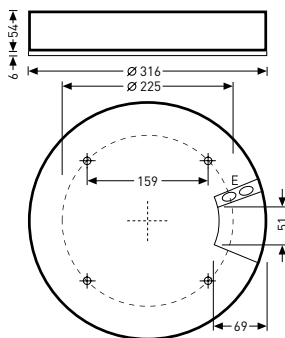
## Onplana – surface-mounted downlights with microprisms, construction size ...D07..., textured paint anthracite



Reference	TOC	...ETDD	...ET		EEC	W	≈kg
• Onplana D07 CDP19 1000-830...26	64 576...	...51	...40	1,100 lm	A++/A+/A	10	1.9
• Onplana D07 CDP19 1000-840...26	64 574...	...51	...40	1,100 lm	A++/A+/A	10	1.9

• IK02/0.2 J 650° C

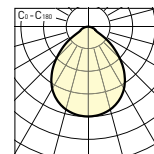
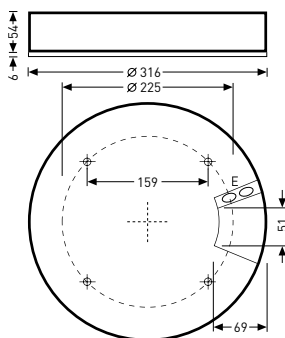
## Onplana – surface-mounted downlights with microprisms, construction size ...D09..., textured paint white



Reference	TOC	...ETDD	...ET		EEC	W	≈kg
• Onplana D09 CDP19 2000-830...01	64 587...	...51	...40	1,700 lm	A++/A+/A	18	2.7
• Onplana D09 CDP19 2000-840...01	64 585...	...51	...40	1,800 lm	A++/A+/A	18	2.7

• IK02/0.2 J 650° C

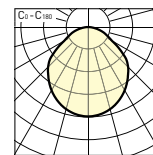
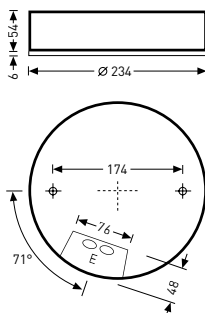
## Onplana – surface-mounted downlights with microprisms, construction size ...D09..., textured paint anthracite



Reference	TOC	...ETDD	...ET		EEC	W	≈kg
• Onplana D09 CDP19 2000-830...26	64 588...	...51	...40	1,700 lm	A++/A+/A	18	2.7
• Onplana D09 CDP19 2000-840...26	64 586...	...51	...40	1,800 lm	A++/A+/A	18	2.7

• IK02/0.2 J 650° C

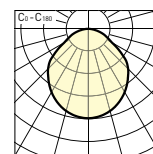
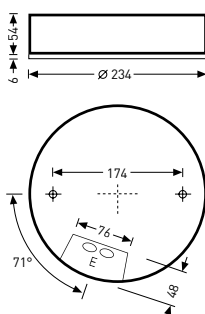
## Onplana – surface-mounted downlights with semi-specular optic, construction size ...D07..., textured paint white



Reference	TOC	...ETDD	...ET		EEC	W	≈kg
• Onplana D07 OTA22 1000-830...01	64 571...	...51	...40	1,200 lm	A++/A+/A	9.5	1.9
Onplana D07 OTA22 1000-840...01	64 569...	...51	...40	1,300 lm	A++/A+/A	9.5	1.9
Onplana D07 OTA25 2000-830...01	64 579...	...51	...40	2,000 lm	A++/A+/A	16	1.9
Onplana D07 OTA25 2000-840...01	64 577...	...51	...40	2,100 lm	A++/A+/A	16	1.9

• IK02/0.2 J 650° C

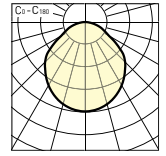
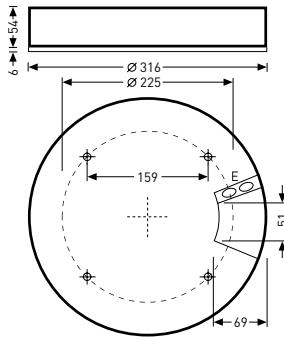
## Onplana – surface-mounted downlights with semi-specular optic, construction size ...D07..., textured paint anthracite



Reference	TOC	...ETDD	...ET		EEC	W	≈kg
• Onplana D07 OTA22 1000-830...26	64 572...	...51	...40	1,200 lm	A++/A+/A	9.5	1.9
Onplana D07 OTA22 1000-840...26	64 570...	...51	...40	1,300 lm	A++/A+/A	9.5	1.9
Onplana D07 OTA25 2000-830...26	64 580...	...51	...40	2,000 lm	A++/A+/A	16	1.9
Onplana D07 OTA25 2000-840...26	64 578...	...51	...40	2,100 lm	A++/A+/A	16	1.9

• IK02/0.2 J 650° C

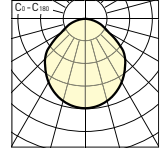
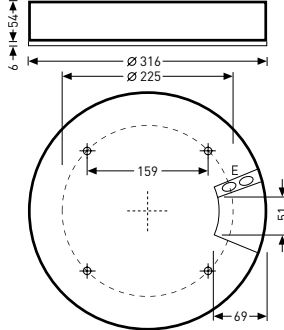
## Onplana – surface-mounted downlights with semi-specular optic, construction size ...D09..., textured paint white



Reference	TOC	...ETDD	...ET		EEC	W	≈kg
• Onplana D09 OTA22 2000-830...01	64 583...	...51	...40	1,900 lm	A++/A+/A	18	2.7
Onplana D09 OTA22 2000-840...01	64 581...	...51	...40	2,000 lm	A++/A+/A	18	2.7
Onplana D09 OTA25 3000-830...01	64 591...	...51	...40	3,000 lm	A++/A+/A	28	2.7
Onplana D09 OTA25 3000-840...01	64 589...	...51	...40	3,100 lm	A++/A+/A	28	2.7

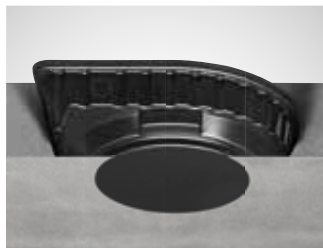
• IK02/0.2 J 650° C

## Onplana – surface-mounted downlights with semi-specular optic, construction size ...D09..., textured paint anthracite



Reference	TOC	...ETDD	...ET		EEC	W	≈kg
• Onplana D09 OTA22 2000-830...26	64 584...	...51	...40	1,900 lm	A++/A+/A	18	2.7
Onplana D09 OTA22 2000-840...26	64 582...	...51	...40	2,000 lm	A++/A+/A	18	2.7
Onplana D09 OTA25 3000-830...26	64 592...	...51	...40	3,000 lm	A++/A+/A	28	2.7
Onplana D09 OTA25 3000-840...26	64 590...	...51	...40	3,100 lm	A++/A+/A	28	2.7

• IK02/0.2 J 650° C



## Casting box

Reference	TOC	Description
Inplana C07 BE	64 560 00	Concrete casting box for Inplana C07
Inplana C09 BE	64 565 00	Concrete casting box for Inplana C09



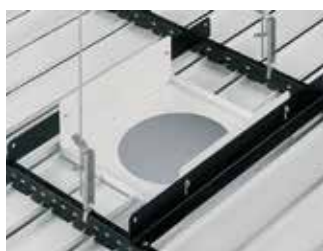
## 600/625 mounting plates

Reference	TOC	Description
Inplana C07 MP 600	64 562 00	Mounting plate for module 600 for Inplana C07
Inplana C09 MP 600	64 567 00	Mounting plate for module 600 for Inplana C09
Inplana C07 MP 625	64 563 00	Mounting plate for module 625 for Inplana C07
Inplana C09 MP 625	64 568 00	Mounting plate for module 625 for Inplana C09



## Plaster accessories

Reference	TOC	Description
Inplana C07 ZPF-T	64 558 00	Plaster frame for Inplana C07
Inplana C07 ZPF-T WR	64 559 00	Plaster frame with white reflector for Inplana C07
Inplana C09 ZPF-T	64 564 00	Plaster frame for Inplana C09



## 300/400 mounting plates

Reference	TOC	Description
Inplana C07 MP 300	64 561 00	Mounting plate (300 mm) for strip ceilings for Inplana C07
Inplana C09 MP 400	64 566 00	Mounting plate (400 mm) for strip ceilings for Inplana C09



## Accessory set for achieving IP54 protection rating

Reference	TOC	Description
Onplana D07 ZIP54 01	69 756 00	Accessory set for achieving IP54 protection rating with surface-mounting to ceiling. Specifically for luminaires from the series Onplana D07.
Onplana D09 ZIP54 01	69 757 00	Accessory set for achieving IP54 protection rating with surface-mounting to ceiling. Specifically for luminaires from the series Onplana D09.



## Wire suspension

Reference	TOC	Description
Onplana D07 ZS 3075/2000 01	68 216 00	3-point wire suspension, 3 x 0.75 mm <sup>2</sup> mains cable and white ceiling rose for suspension heights to 2.0 m for Onplana D07
Onplana D07 ZS 5075/2000 01	68 217 00	3-point wire suspension, 5 x 0.75 mm <sup>2</sup> mains cable and white ceiling rose for suspension heights to 2.0 m for Onplana D07
Onplana D09 ZS 3075/2000 01	68 218 00	3-point wire suspension, 3 x 0.75 mm <sup>2</sup> mains cable and white ceiling rose for suspension heights to 2.0 m for Onplana D09
Onplana D09 ZS 5075/2000 01	68 219 00	3-point wire suspension, 5 x 0.75 mm <sup>2</sup> mains cable and white ceiling rose for suspension heights to 2.0 m for Onplana D09

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