



## COMBO

trim

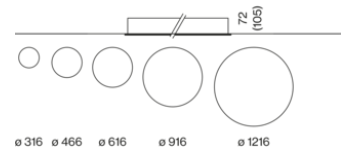
**EN** Round luminaire housing in aluminium with trim; suitable for installation in plasterboard ceilings; suitable for ceiling thickness of 10-25 mm; surface powder coated; up to ø600 mm: installation without tools using snap spring closure; highly reflective coating of the PCB for improved efficiency; completely homogeneously illuminated, satinised or microprismatic PMMA cover; energy-efficient LEDs with very good colour rendering; external converter for ceiling insertion, for through-wiring suitable

**DE** Runder Leuchtenkörper aus Aluminium mit umlaufendem Rand; geeignet für den Einbau in Gipskartondecken; geeignet für Deckenstärken von 10-25mm; Oberfläche pulverbeschichtet; bis ø600mm werkzeuglose Montage mittels Schnappfederverschluss; hochreflektierende Beschichtung der Platine für verbesserten Wirkungsgrad; absolut homogen ausgeleuchtete, satinierte oder mikroprismatische PMMA-Abdeckung; energieeffiziente LEDs mit sehr guter Farbwiedergabe; externer Konverter für Deckeneinwurf, für Weiterverdrahtung geeignet

### Quickinfo

3000 K, 4000 K, tunable white  
 2700 - 6500 K  
 CRI ≥ 80 / 3 SDCM (initial MacAdam)  
 UGR ≤ 19  
 up to 146 lm/W  
 L90 / 50000 h  
 DALI-2, non DIM  
 Microprismatic, Opal  
 IP40

### Types



### Colour



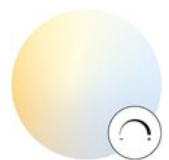
### Light distributions



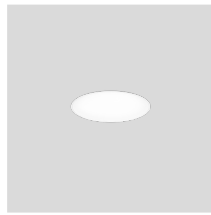
DiiA® standards  
 251, 252, 253



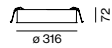
DIN EN 12464-1  
 UGR ≤ 19



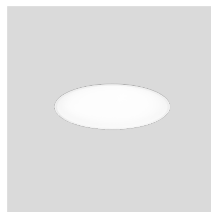
tunable white  
 2700 – 6500 K

**COMBO 300 trim****MICROPRISMATIC** pure white, CRI ≥ 80

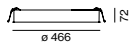
| SYSTEM | COLOUR TEMP. | LUM. FLUX | EFFICACY | ORDER CODE                            |
|--------|--------------|-----------|----------|---------------------------------------|
| 9.2 W  | 3000 K       | 979 lm    | 106 lm/W | 0 6 4 - 1 0 3 1 5 $\blacklozenge$ 7 K |
|        | 4000 K       | 1040 lm   | 113 lm/W | 0 6 4 - 1 0 3 1 6 $\blacklozenge$ 7 K |
| 10.1 W | tunable w.   | 1050 lm   | 104 lm/W | 0 6 4 - 1 0 3 1 D 3 7 K               |

**OPAL** pure white, CRI ≥ 80

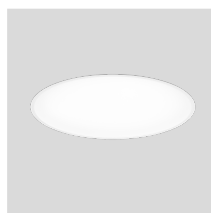
| SYSTEM | COLOUR TEMP. | LUM. FLUX | EFFICACY | ORDER CODE                            |
|--------|--------------|-----------|----------|---------------------------------------|
| 9.2 W  | 3000 K       | 993 lm    | 108 lm/W | 0 6 4 - 1 0 3 1 5 $\blacklozenge$ 7 O |
|        | 4000 K       | 1050 lm   | 114 lm/W | 0 6 4 - 1 0 3 1 6 $\blacklozenge$ 7 O |
| 10.1 W | tunable w.   | 1060 lm   | 105 lm/W | 0 6 4 - 1 0 3 1 D 3 7 O               |

**COMBO 450 trim****MICROPRISMATIC** pure white, CRI ≥ 80

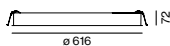
| SYSTEM | COLOUR TEMP. | LUM. FLUX | EFFICACY | ORDER CODE                            |
|--------|--------------|-----------|----------|---------------------------------------|
| 16.7 W | 3000 K       | 2060 lm   | 123 lm/W | 0 6 4 - 1 0 4 1 5 $\blacklozenge$ 7 K |
|        | 4000 K       | 2180 lm   | 131 lm/W | 0 6 4 - 1 0 4 1 6 $\blacklozenge$ 7 K |
| 18.0 W | tunable w.   | 2170 lm   | 121 lm/W | 0 6 4 - 1 0 4 1 D 3 7 K               |

**OPAL** pure white, CRI ≥ 80

| SYSTEM | COLOUR TEMP. | LUM. FLUX | EFFICACY | ORDER CODE                            |
|--------|--------------|-----------|----------|---------------------------------------|
| 16.7 W | 3000 K       | 2050 lm   | 123 lm/W | 0 6 4 - 1 0 4 1 5 $\blacklozenge$ 7 O |
|        | 4000 K       | 2170 lm   | 130 lm/W | 0 6 4 - 1 0 4 1 6 $\blacklozenge$ 7 O |
| 18.0 W | tunable w.   | 2150 lm   | 119 lm/W | 0 6 4 - 1 0 4 1 D 3 7 O               |

**COMBO 600 trim****MICROPRISMATIC** pure white, CRI ≥ 80

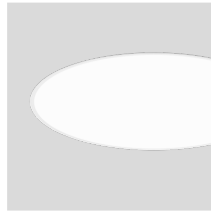
| SYSTEM | COLOUR TEMP. | LUM. FLUX | EFFICACY | ORDER CODE                            |
|--------|--------------|-----------|----------|---------------------------------------|
| 30.0 W | 3000 K       | 4060 lm   | 135 lm/W | 0 6 4 - 1 0 5 1 5 $\blacklozenge$ 7 K |
|        | 4000 K       | 4300 lm   | 143 lm/W | 0 6 4 - 1 0 5 1 6 $\blacklozenge$ 7 K |
| 34.0 W | tunable w.   | 4420 lm   | 130 lm/W | 0 6 4 - 1 0 5 1 D 3 7 K               |

**Order options**

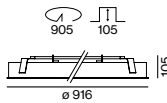
| CONTROL |   | COLOUR     |          |
|---------|---|------------|----------|
| non DIM | 1 | pure white | RAL 9010 |
| DALI-2  | 3 |            |          |

**OPAL** pure white, CRI ≥ 80

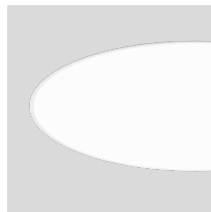
| SYSTEM | COLOUR TEMP. | LUM. FLUX | EFFICACY | ORDER CODE                                 |
|--------|--------------|-----------|----------|--|
| 30.0 W | 3000 K       | 4020 lm   | 134 lm/W | 0 6 4 - 1 0 5 1 5 $\blacktriangleleft$ 7 0 |
|        | 4000 K       | 4250 lm   | 142 lm/W | 0 6 4 - 1 0 5 1 6 $\blacktriangleleft$ 7 0 |
| 34.0 W | tunable w.   | 4370 lm   | 129 lm/W | 0 6 4 - 1 0 5 1 D 3 7 0                    |

**COMBO 900** trim**MICROPRISMATIC** pure white, CRI ≥ 80, DALI-2

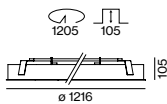
| SYSTEM | COLOUR TEMP. | LUM. FLUX | EFFICACY | ORDER CODE              |
|--------|--------------|-----------|----------|-------------------------|
| 56.0 W | 3000 K       | 7460 lm   | 133 lm/W | 0 6 4 - 1 0 7 1 5 3 7 K |
|        | 4000 K       | 7900 lm   | 141 lm/W | 0 6 4 - 1 0 7 1 6 3 7 K |
| 60.0 W | tunable w.   | 7700 lm   | 128 lm/W | 0 6 4 - 1 0 7 1 D 3 7 K |

**OPAL** pure white, CRI ≥ 80, DALI-2

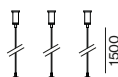
| SYSTEM | COLOUR TEMP. | LUM. FLUX | EFFICACY | ORDER CODE              |
|--------|--------------|-----------|----------|-------------------------|
| 56.0 W | 3000 K       | 7440 lm   | 133 lm/W | 0 6 4 - 1 0 7 1 5 3 7 0 |
|        | 4000 K       | 7880 lm   | 141 lm/W | 0 6 4 - 1 0 7 1 6 3 7 0 |
| 60.0 W | tunable w.   | 7670 lm   | 128 lm/W | 0 6 4 - 1 0 7 1 D 3 7 0 |

**COMBO 1200** trim**MICROPRISMATIC** pure white, CRI ≥ 80, DALI-2

| SYSTEM  | COLOUR TEMP. | LUM. FLUX | EFFICACY | ORDER CODE              |
|---------|--------------|-----------|----------|-------------------------|
| 92.0 W  | 3000 K       | 12600 lm  | 137 lm/W | 0 6 4 - 1 0 8 1 5 3 7 K |
|         | 4000 K       | 13300 lm  | 145 lm/W | 0 6 4 - 1 0 8 1 6 3 7 K |
| 103.0 W | tunable w.   | 13500 lm  | 131 lm/W | 0 6 4 - 1 0 8 1 D 3 7 K |

**OPAL** pure white, CRI ≥ 80, DALI-2

| SYSTEM  | COLOUR TEMP. | LUM. FLUX | EFFICACY | ORDER CODE              |
|---------|--------------|-----------|----------|-------------------------|
| 92.0 W  | 3000 K       | 12600 lm  | 137 lm/W | 0 6 4 - 1 0 8 1 5 3 7 0 |
|         | 4000 K       | 13400 lm  | 146 lm/W | 0 6 4 - 1 0 8 1 6 3 7 0 |
| 103.0 W | tunable w.   | 13500 lm  | 131 lm/W | 0 6 4 - 1 0 8 1 D 3 7 0 |

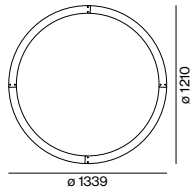
**Mounting accessories (optional)****FALL PROTECTION**

| TYPE     | ORDER CODE            |
|----------|-----------------------|
| 3 pieces | 0 6 4 - 1 9 0 7 5 0 0 |

for COMBO 300 / 450 / 600

**Order options**

| CONTROL |   | COLOUR     |          |
|---------|---|------------|----------|
| non DIM | 1 | pure white | RAL 9010 |
| DALI-2  | 3 |            |          |

**MOUNTING RING 1200**

**TYPE**  
for acoustic ceiling  
for COMBO 1200

**ORDER CODE**

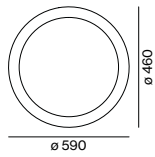
0 6 4 - 1 9 0 6 8 0 0

**MOUNTING RING 300**

**TYPE**  
for acoustic ceiling  
for COMBO 300

**ORDER CODE**

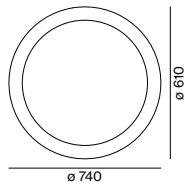
0 6 4 - 1 9 0 6 3 0 0

**MOUNTING RING 450**

**TYPE**  
for acoustic ceiling  
for COMBO 450

**ORDER CODE**

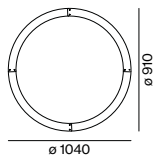
0 6 4 - 1 9 0 6 4 0 0

**MOUNTING RING 600**

**TYPE**  
for acoustic ceiling  
for COMBO 600

**ORDER CODE**

0 6 4 - 1 9 0 6 5 0 0

**MOUNTING RING 900**

**TYPE**  
for acoustic ceiling  
for COMBO 900

**ORDER CODE**

0 6 4 - 1 9 0 6 7 0 0

**Order options****CONTROL**

non DIM

**COLOUR**

pure white

RAL 9010

DALI-2

3

# Hargassner Energy World, Weng im Innkreis

Austria

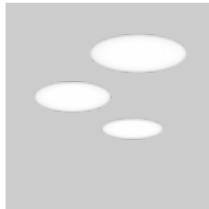
**Architect**  
architekten  
berger.hofmann og,  
tech3  
Projektentwicklung  
GmbH

**Lighting Design**  
AREA C.I.DESIGN GmbH

**Photographer**  
raumpixel.at



## Used products



COMBO trim



JUST 45 MOVE IT  
25 / 25 S / 45



MOVE IT 25 trimless  
system



MOVE IN round  
recessed



