



## COMBO

trim

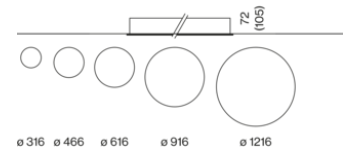
**EN** Round luminaire housing in aluminium with trim; suitable for installation in plasterboard ceilings; suitable for ceiling thickness of 10-25 mm; surface powder coated; up to  $\varnothing 600$  mm: installation without tools using snap spring closure; highly reflective coating of the PCB for improved 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

**FR** Corps de luminaire rond en aluminium avec bord continu ; convient à encastrement en plafond en placoplâtre ; convient aux épaisseurs de plafond de 10-25 mm ; surface thermolaquée ; jusqu'à  $\varnothing 600$  mm montage sans outil avec fermeture par ressort à déclic ; revêtement hautement réfléchissant sur la platine pour une meilleure efficacité énergétique ; cache PMMA, à éclairage parfaitement homogène, satiné ou microprismatique ; LED économes en énergie à restitution de couleur élevée ; convertisseur externe pour fente plafond, câblage continu adapté

### Quickinfo

3000 K, 4000 K, tunable white  
2700 - 6500 K  
CRI  $\geq 80$  / 3 SDCM (initial MacAdam)  
UGR  $\leq 19$   
jusqu'à 146 lm/W  
L90 / 50000 h  
DALI-2, non DIM  
Microprismatic, Opal  
IP40

### Types



### Couleur



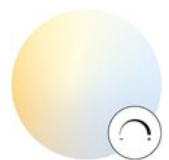
### Répartition de la lumière



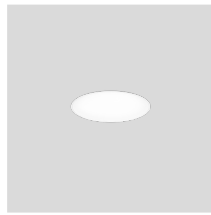
DiiA® standards  
251, 252, 253



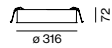
DIN EN 12464-1  
UGR  $\leq 19$



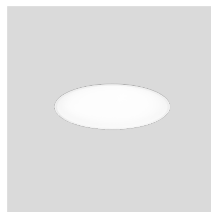
tunable white  
2700 - 6500 K

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

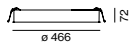
SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
9.2 W	3000 K	979 lm	106 lm/W	0 6 4 - 1 0 3 1 5 $\blacklozenge$ 7 K
	4000 K	1040 lm	113 lm/W	0 6 4 - 1 0 3 1 6 $\blacklozenge$ 7 K
10.1 W	tunable w.	1050 lm	104 lm/W	0 6 4 - 1 0 3 1 D 3 7 K

**OPAL** pure white, CRI ≥ 80

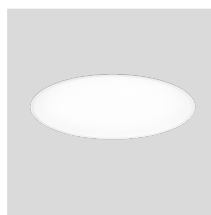
SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
9.2 W	3000 K	993 lm	108 lm/W	0 6 4 - 1 0 3 1 5 $\blacklozenge$ 7 O
	4000 K	1050 lm	114 lm/W	0 6 4 - 1 0 3 1 6 $\blacklozenge$ 7 O
10.1 W	tunable w.	1060 lm	105 lm/W	0 6 4 - 1 0 3 1 D 3 7 O

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

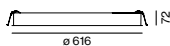
SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
16.7 W	3000 K	2060 lm	123 lm/W	0 6 4 - 1 0 4 1 5 $\blacklozenge$ 7 K
	4000 K	2180 lm	131 lm/W	0 6 4 - 1 0 4 1 6 $\blacklozenge$ 7 K
18.0 W	tunable w.	2170 lm	121 lm/W	0 6 4 - 1 0 4 1 D 3 7 K

**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

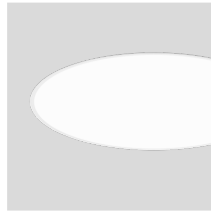
SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
30.0 W	3000 K	4060 lm	135 lm/W	0 6 4 - 1 0 5 1 5 $\blacklozenge$ 7 K
	4000 K	4300 lm	143 lm/W	0 6 4 - 1 0 5 1 6 $\blacklozenge$ 7 K
34.0 W	tunable w.	4420 lm	130 lm/W	0 6 4 - 1 0 5 1 D 3 7 K

**Order options**

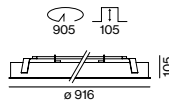
CONTROL		COLOUR	
non DIM	1	pure white	RAL 9010
DALI-2	3		

**OPAL** pure white, CRI ≥ 80

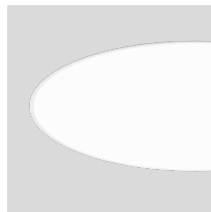
SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
30.0 W	3000 K	4020 lm	134 lm/W	0 6 4 - 1 0 5 1 5 7 0
	4000 K	4250 lm	142 lm/W	0 6 4 - 1 0 5 1 6 7 0
34.0 W	tunable w.	4370 lm	129 lm/W	0 6 4 - 1 0 5 1 D 3 7 0

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

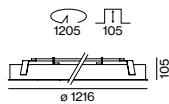
SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
56.0 W	3000 K	7460 lm	133 lm/W	0 6 4 - 1 0 7 1 5 3 7 K
	4000 K	7900 lm	141 lm/W	0 6 4 - 1 0 7 1 6 3 7 K
60.0 W	tunable w.	7700 lm	128 lm/W	0 6 4 - 1 0 7 1 D 3 7 K

**OPAL** pure white, CRI ≥ 80, DALI-2

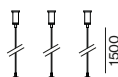
SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
56.0 W	3000 K	7440 lm	133 lm/W	0 6 4 - 1 0 7 1 5 3 7 0
	4000 K	7880 lm	141 lm/W	0 6 4 - 1 0 7 1 6 3 7 0
60.0 W	tunable w.	7670 lm	128 lm/W	0 6 4 - 1 0 7 1 D 3 7 0

**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**

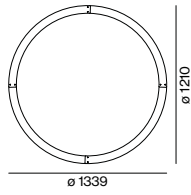
TYPE	ORDER CODE
3 pieces	0 6 4 - 1 9 0 7 5 0 0

for COMBO 300 / 450 / 600

**Order options**

CONTROL	COLOUR	
non DIM	pure white	RAL 9010
DALI-2		

1  
3

**MOUNTING RING 1200**

**TYPE**  
for acoustic ceiling  
for COMBO 1200

**ORDER CODE**

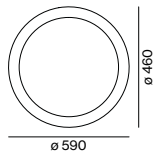
0 6 4 - 1 9 0 6 8 0 0

**MOUNTING RING 300**

**TYPE**  
for acoustic ceiling  
for COMBO 300

**ORDER CODE**

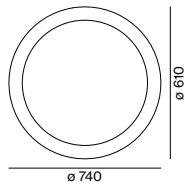
0 6 4 - 1 9 0 6 3 0 0

**MOUNTING RING 450**

**TYPE**  
for acoustic ceiling  
for COMBO 450

**ORDER CODE**

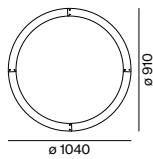
0 6 4 - 1 9 0 6 4 0 0

**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

Autriche

## Architecte

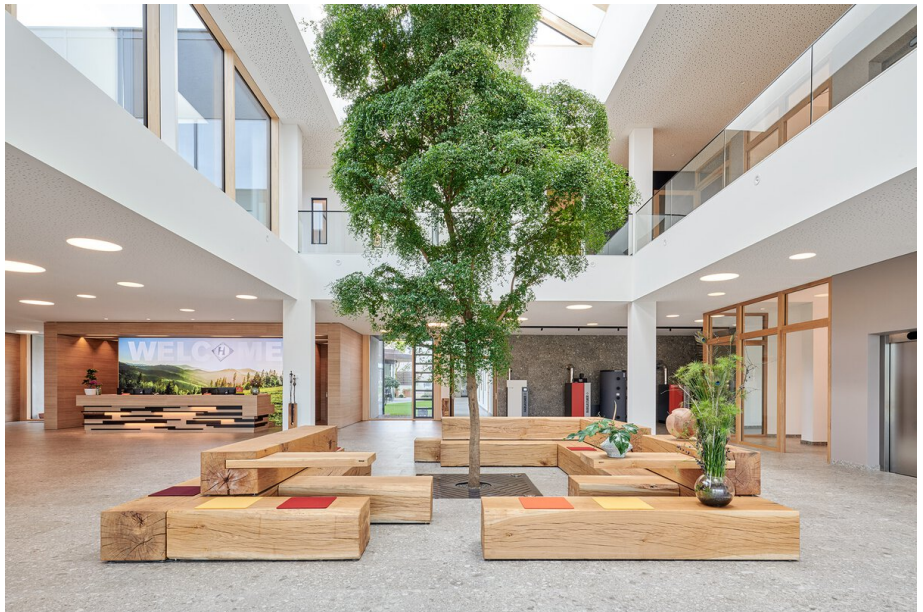
architekten  
berger.hofmann og,  
tech3  
Projektentwicklung  
GmbH

## Lighting Design

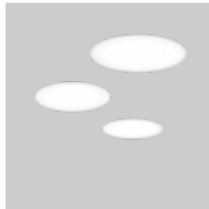
AREA C.I.DESIGN GmbH

## Photographe

raumpixel.at



## Produits utilisés



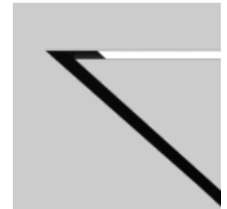
COMBO trim



MOVE IN round  
recessed



JUST 45 MOVE IT  
25 / 25 S / 45



MOVE IT 25 trimless  
system



