

COMBO

trim

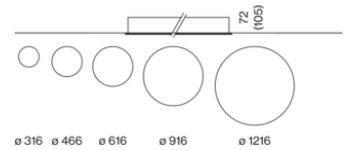
EN Round luminaire housing in aluminium with trim; suitable for installation in plasterboard ceilings; suitable for ceiling thickness of 10-25 mm; surface powder coated; up to ø600 mm: installation without tools using snap spring closure; highly reflective coating of the PCB for improved efficiency; 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 10-25 mm; Oberfläche pulverbeschichtet; bis ø600 mm werkzeuglose Montage mittels Schnappfederverschluss; hochreflektierende Beschichtung der Platine für verbesserten Wirkungsgrad; absolut homogen ausgeleuchtete, satinierte oder mikrop Prismatische 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
 bis zu 146 lm/W
 L90 / 50000 h
 DALI-2, nicht dimmbar
 Microprismatic, Opal
 IP40

Types



Farbe



Lichtverteilung



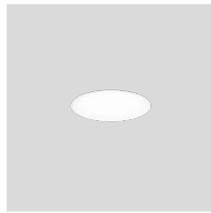
DiiA® standards
 251, 252, 253



DIN EN 12464-1
 UGR ≤ 19



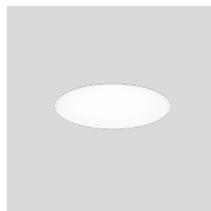
tunable white
 2700 – 6500 K

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

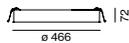
SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
9.2 W	3000 K	979 lm	106 lm/W	0 6 4 - 1 0 3 1 5 \blacklozenge 7 K
	4000 K	1040 lm	113 lm/W	0 6 4 - 1 0 3 1 6 \blacklozenge 7 K
10.1 W	tunable w.	1050 lm	104 lm/W	0 6 4 - 1 0 3 1 D 3 7 K

**OPAL** pure white, CRI ≥ 80

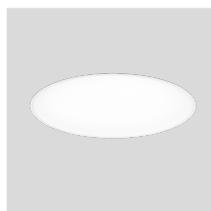
SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
9.2 W	3000 K	993 lm	108 lm/W	0 6 4 - 1 0 3 1 5 \blacklozenge 7 O
	4000 K	1050 lm	114 lm/W	0 6 4 - 1 0 3 1 6 \blacklozenge 7 O
10.1 W	tunable w.	1060 lm	105 lm/W	0 6 4 - 1 0 3 1 D 3 7 O

**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

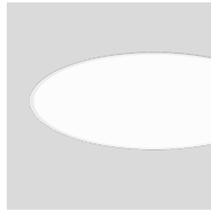
SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
30.0 W	3000 K	4060 lm	135 lm/W	0 6 4 - 1 0 5 1 5 \blacklozenge 7 K
	4000 K	4300 lm	143 lm/W	0 6 4 - 1 0 5 1 6 \blacklozenge 7 K
34.0 W	tunable w.	4420 lm	130 lm/W	0 6 4 - 1 0 5 1 D 3 7 K

**Order options**

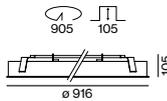
CONTROL		COLOUR	
non DIM	1	pure white	RAL 9010
DALI-2	3		

OPAL pure white, CRI ≥ 80

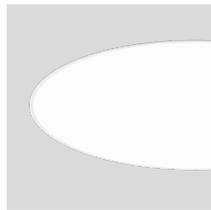
SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
30.0 W	3000 K	4020 lm	134 lm/W	0 6 4 - 1 0 5 1 5 \blacklozenge 7 0
	4000 K	4250 lm	142 lm/W	0 6 4 - 1 0 5 1 6 \blacklozenge 7 0
34.0 W	tunable w.	4370 lm	129 lm/W	0 6 4 - 1 0 5 1 D 3 7 0

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

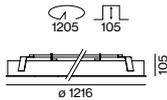
SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
56.0 W	3000 K	7460 lm	133 lm/W	0 6 4 - 1 0 7 1 5 3 7 K
	4000 K	7900 lm	141 lm/W	0 6 4 - 1 0 7 1 6 3 7 K
60.0 W	tunable w.	7700 lm	128 lm/W	0 6 4 - 1 0 7 1 D 3 7 K

**OPAL** pure white, CRI ≥ 80, DALI-2

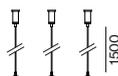
SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
56.0 W	3000 K	7440 lm	133 lm/W	0 6 4 - 1 0 7 1 5 3 7 0
	4000 K	7880 lm	141 lm/W	0 6 4 - 1 0 7 1 6 3 7 0
60.0 W	tunable w.	7670 lm	128 lm/W	0 6 4 - 1 0 7 1 D 3 7 0

**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

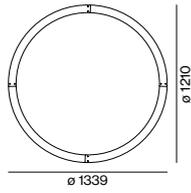
Mounting accessories (optional)**FALL PROTECTION**

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

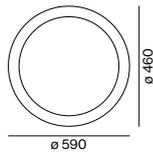
0 6 4 - 1 9 0 6 8 0 0

**MOUNTING RING 300**

TYPE
for acoustic ceiling
for COMBO 300

ORDER CODE

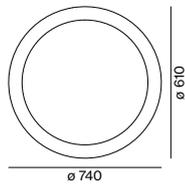
0 6 4 - 1 9 0 6 3 0 0

**MOUNTING RING 450**

TYPE
for acoustic ceiling
for COMBO 450

ORDER CODE

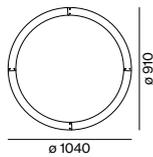
0 6 4 - 1 9 0 6 4 0 0

**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
DALI-2

**COLOUR**

pure white

RAL 9010

1
3

Hargassner Energy World, Weng im Innkreis

Österreich

Architekt
architekten
berger.hofmann og,
tech3
Projektentwicklung
GmbH

Lighting Design
AREA C.I.DESIGN GmbH

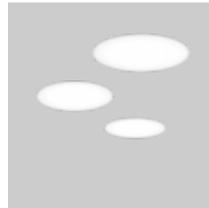
Fotograf
raumpixel.at



Verwendete Produkte



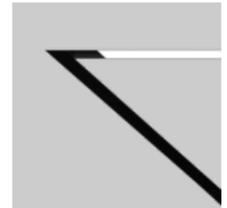
**MOVE IN round
recessed**



COMBO trim



**JUST 45 MOVE IT
25 / 25 S / 45**



**MOVE IT 25 trimless
system**

