



COMBO

trim

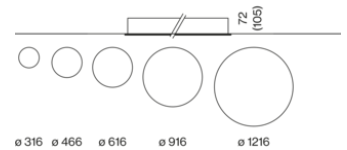
EN Round luminaire housing in aluminium with trim; suitable for installation in plasterboard ceilings; suitable for ceiling thickness of 10-25 mm; surface powder coated; up to ø600 mm: installation without tools using snap spring closure; highly reflective coating of the PCB for improved efficiency; 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 K - 6500 K
 CRI ≥ 80 / 3 SDCM
 UGR ≤ 19
 bis zu 146 lm/W
 L90 / 50000 h
 DALI-2, nicht dimmbar
 Microprismatic, Opal
 IP40

Types



Farbe



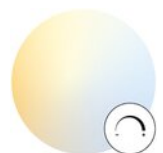
Lichtverteilung



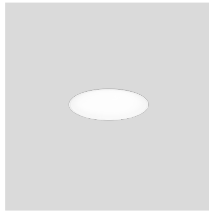
DiA® standards
 251, 252, 253



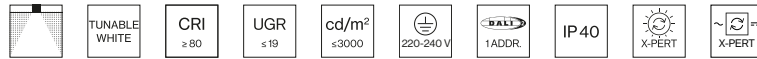
DIN EN 12464-1
 UGR ≤ 19



tunable white
 2700 – 6500 K

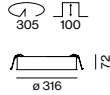


COMBO 300 trim



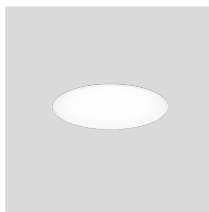
MICROPRISMATIC CRI ≥ 80, pure white

SYSTEM	COLOUR TEMP.	LUM. FLUX	SYSTEM	ORDER CODE
10.1 W	3000 K	979 lm	97 lm/W	0 6 4 - 1 0 3 1 5 \blacklozenge 7 K
	4000 K	1040 lm	103 lm/W	0 6 4 - 1 0 3 1 6 \blacklozenge 7 K
	tunable w.	1050 lm	104 lm/W	0 6 4 - 1 0 3 1 D 3 7 K

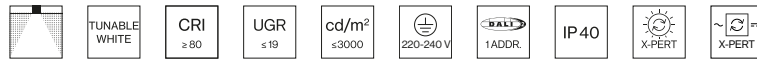


OPAL CRI ≥ 80, pure white

SYSTEM	COLOUR TEMP.	LUM. FLUX	SYSTEM	ORDER CODE
10.1 W	3000 K	993 lm	98 lm/W	0 6 4 - 1 0 3 1 5 \blacklozenge 7 O
	4000 K	1050 lm	104 lm/W	0 6 4 - 1 0 3 1 6 \blacklozenge 7 O
	tunable w.	1060 lm	105 lm/W	0 6 4 - 1 0 3 1 D 3 7 O

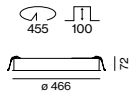


COMBO 450 trim



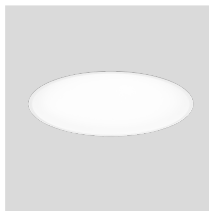
MICROPRISMATIC CRI ≥ 80, pure white

SYSTEM	COLOUR TEMP.	LUM. FLUX	SYSTEM	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

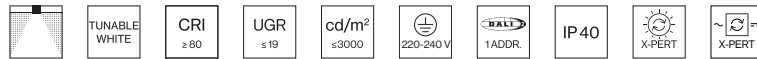


OPAL CRI ≥ 80, pure white

SYSTEM	COLOUR TEMP.	LUM. FLUX	SYSTEM	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

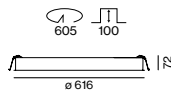


COMBO 600 trim



MICROPRISMATIC CRI ≥ 80, pure white

SYSTEM	COLOUR TEMP.	LUM. FLUX	SYSTEM	ORDER CODE
31.0 W	3000 K	4060 lm	131 lm/W	0 6 4 - 1 0 5 1 5 \blacklozenge 7 K
	4000 K	4300 lm	139 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

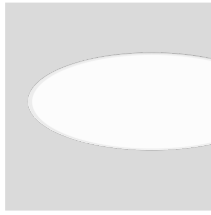


OPAL CRI ≥ 80, pure white

SYSTEM	COLOUR TEMP.	LUM. FLUX	SYSTEM	ORDER CODE
31.0 W	3000 K	4020 lm	130 lm/W	0 6 4 - 1 0 5 1 5 \blacklozenge 7 O
	4000 K	4250 lm	137 lm/W	0 6 4 - 1 0 5 1 6 \blacklozenge 7 O
34.0 W	tunable w.	4370 lm	129 lm/W	0 6 4 - 1 0 5 1 D 3 7 O

Order options

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

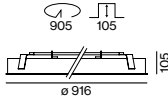


COMBO 900 trim



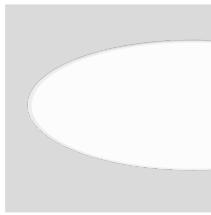
MICROPRISMATIC DALI-2, CRI ≥ 80, pure white

SYSTEM	COLOUR TEMP.	LUM. FLUX	SYSTEM	ORDER CODE
58.0 W	3000 K	7460 lm	129 lm/W	0 6 4 - 1 0 7 1 5 3 7 K
	4000 K	7900 lm	136 lm/W	0 6 4 - 1 0 7 1 6 3 7 K



OPAL DALI-2, CRI ≥ 80, pure white

SYSTEM	COLOUR TEMP.	LUM. FLUX	SYSTEM	ORDER CODE
58.0 W	3000 K	7440 lm	128 lm/W	0 6 4 - 1 0 7 1 5 3 7 O
	4000 K	7880 lm	136 lm/W	0 6 4 - 1 0 7 1 6 3 7 O

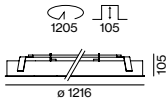


COMBO 1200 trim



MICROPRISMATIC DALI-2, CRI ≥ 80, pure white

SYSTEM	COLOUR TEMP.	LUM. FLUX	SYSTEM	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



OPAL DALI-2, CRI ≥ 80, pure white

SYSTEM	COLOUR TEMP.	LUM. FLUX	SYSTEM	ORDER CODE
92.0 W	3000 K	12600 lm	137 lm/W	0 6 4 - 1 0 8 1 5 3 7 O
	4000 K	13400 lm	146 lm/W	0 6 4 - 1 0 8 1 6 3 7 O

Mounting accessories (optional)



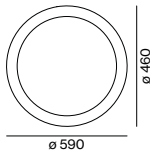
FALL PROTECTION

TYPE	ORDER CODE
3 pieces for COMBO 300 / 450 / 600	0 6 4 - 1 9 0 7 5 0 0



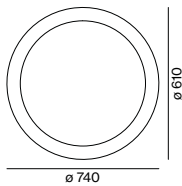
MOUNTING RING 300

TYPE	ORDER CODE
for acoustic ceiling for COMBO 300	0 6 4 - 1 9 0 6 3 0 0



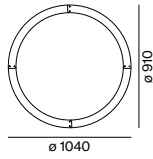
MOUNTING RING 450

TYPE	ORDER CODE
for acoustic ceiling for COMBO 450	0 6 4 - 1 9 0 6 4 0 0

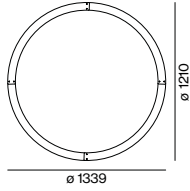


MOUNTING RING 600

TYPE	ORDER CODE
for acoustic ceiling for COMBO 600	0 6 4 - 1 9 0 6 5 0 0

**MOUNTING RING 900**

TYPE
for acoustic ceiling
for COMBO 900

ORDER CODE0 6 4 - 1 9 0 6 7 0 0**MOUNTING RING 1200**

TYPE
for acoustic ceiling
for COMBO 1200

ORDER CODE0 6 4 - 1 9 0 6 8 0 0

Hargassner Energy World, Weng im Innkreis

Österreich

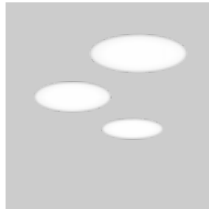
Architekt
architekten
berger.hofmann og,
tech3
Projektentwicklung
GmbH

Lighting Design
AREA C.I.DESIGN GmbH

Fotograf
raumpixel.at



Verwendete Produkte



COMBO trim



MOVE IN round
recessed



MOVE IT 25 trimless
system



JUST 45 MOVE IT
25 / 25 S / 45



