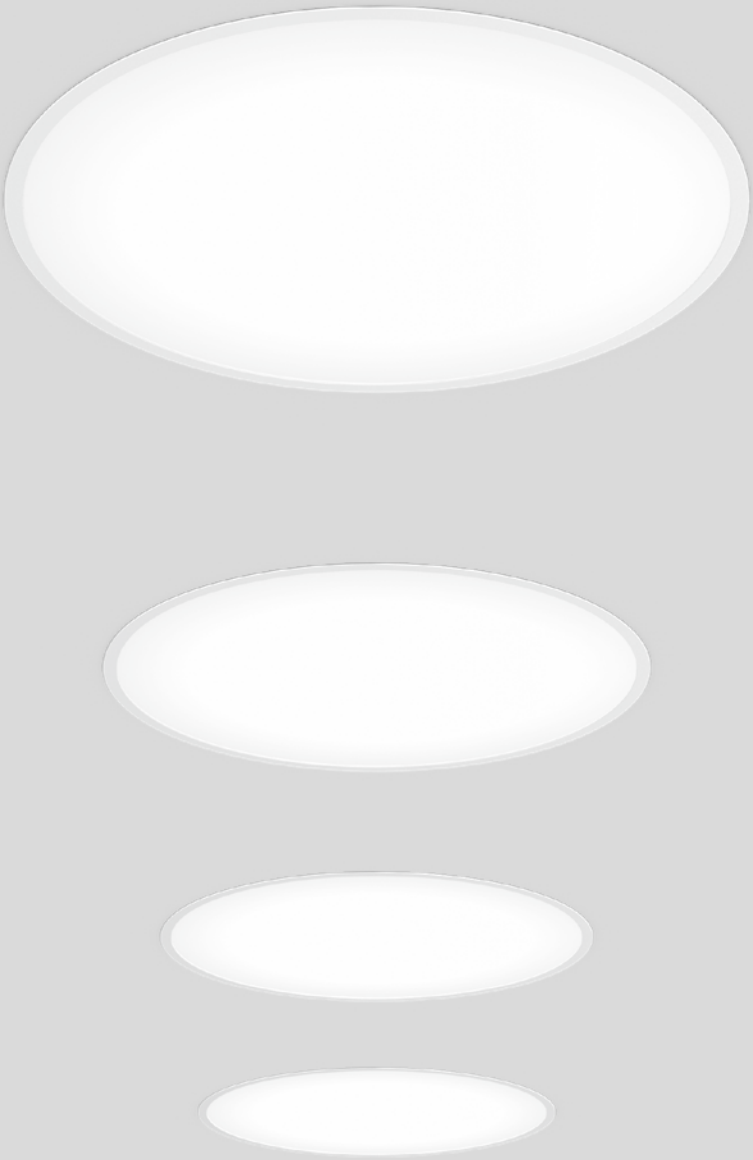
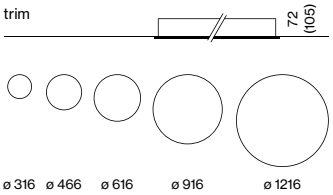


Quickinfo

3000 K, 4000 K
CRI ≥ 80, 3 SDCM
UGR ≤ 19 / 65° ≤ 3000 cd/m²
up to 145 lm/W
L90 @ 50 000 h
non DIM, DALI-2
opal, microprismatic (UGR ≤ 19)

Types



Colour

Light distribution

direct

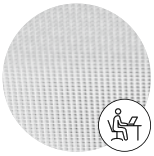
COMBO

recessed with trim

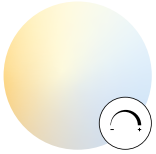
EN Round luminaire housing in aluminium with trim; suitable for installation in plasterboard ceilings; suitable for ceiling thickness of 10-25 mm; surface powder coated; up to ø 600 mm: installation without tools using snap spring closure; highly reflective coating of the PCB for improved efficiency;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

DE Runder Leuchtenkörper aus Aluminium mit umlaufendem Rand; geeignet für den Einbau in Gipskartondecken; geeignet für Deckenstärken von 10-25 mm; Oberfläche pulverbeschichtet; bis ø 600 mm 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

DiiA® standards
251, 252, 253



DIN EN 12464-1
UGR ≤ 19



tunable white
2700 – 6500 K

Order options

COLOUR TEMPERATURE

3000 K	5
4000 K	6

CONTROL

non DIM	1
DALI-2	3

MATERIAL COLOUR

○ pure white RAL 9010	

LIGHT OPTIC COVER

opal	O
microprismatic (UGR ≤ 19)	K

Options on request

COLOUR RENDERING INDEX

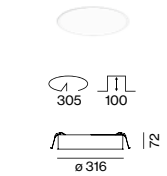
CRI ≥ 90	

COLOUR TEMPERATURE

tunable white 2700–6500 K (2× DALI)	

EMERGENCY LIGHT

1 h accupack	
3 h accupack	

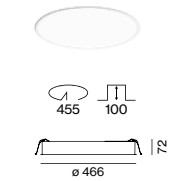


COMBO 300 trim

UGR ≤ 19 | cd/m² ≤3000 | RG 0 IEC 62471 | DALI 1 ADDR. | 220-240 V | IP 40 | X-PERT | X-PERT

DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
10.1 W	3000 K	993 lm	064-1031 ⁘ ◆ 7 ◘
	4000 K	1050 lm	

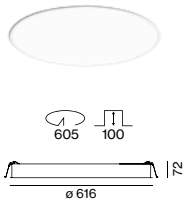


COMBO 450 trim

UGR ≤ 19 | cd/m² ≤3000 | RG 0 IEC 62471 | DALI 1 ADDR. | 220-240 V | IP 40 | X-PERT | X-PERT

DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
16.7 W	3000 K	2050 lm	064-1041 ⁘ ◆ 7 ◘
	4000 K	2170 lm	

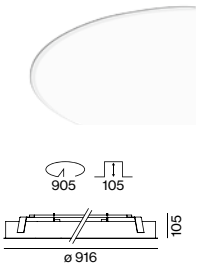


COMBO 600 trim

UGR ≤ 19 | cd/m² ≤3000 | RG 0 IEC 62471 | DALI 1 ADDR. | 220-240 V | IP 40 | X-PERT | X-PERT

DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
31 W	3000 K	4020 lm	064-1051 ⁘ ◆ 7 ◘
	4000 K	4250 lm	

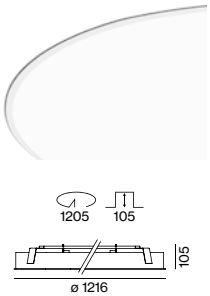


COMBO 900 trim

UGR ≤ 19 | cd/m² ≤3000 | RG 0 IEC 62471 | DALI 1 ADDR. | 220-240 V | IP 40 | X-PERT | X-PERT

DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
58 W	3000 K	7440 lm	064-1071 ⁘ 37 ◘
	4000 K	7880 lm	



COMBO 1200 trim

UGR ≤ 19 | cd/m² ≤3000 | RG 0 IEC 62471 | DALI 3 ADDR. | 220-240 V | IP 40 | X-PERT | X-PERT

DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
92 W	3000 K	12610 lm	064-1081 ⁘ 37 ◘
	4000 K	13350 lm	

Accessories

MOUNTING RING FOR ACOUSTIC CEILING

TYPE	ORDER CODE
COMBO 300	064-1906300
COMBO 450	064-1906400
COMBO 600	064-1906500
COMBO 900	064-1906700
COMBO 1200	064-1906800

LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, cover opal