



COMBO

recessed with trim

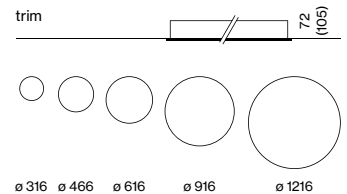
EN Round luminaire housing in aluminium with trim; suitable for installation in plasterboard ceilings; suitable for ceiling thickness of 10-25mm; surface powder coated; up to $\varnothing 600$ mm: installation without tools using snap spring closure; highly reflective coating of the PCB for improved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

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

Quickinfo

3000K, 4000K
 CRI ≥ 80 , 3 SDCM
 UGR ≤ 19 / $65^\circ \leq 3000$ cd/m²
 up to 145 lm/W
 L90 @ 50000h
 non DIM, DALI-2
 opal, microprismatic (UGR ≤ 19)

Types



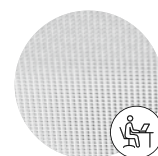
Colour



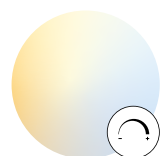
Light distribution



DiiA® standards
 251, 252, 253



DIN EN 12464-1
 UGR ≤ 19



tunable white
 2700-6500K

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	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

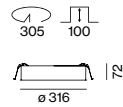
CRI ≥ 90

COLOUR TEMPERATURE

tunable white 2700–6500K (2× DALI)

EMERGENCY LIGHT

1h accupack
 3h accupack

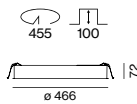


COMBO 300 trim



DIRECT

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

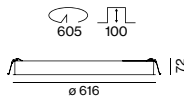


COMBO 450 trim



DIRECT

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

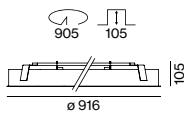


COMBO 600 trim



DIRECT

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

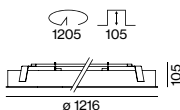


COMBO 900 trim



DIRECT

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



COMBO 1200 trim



DIRECT

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

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