



## COMBO

recessed with trim

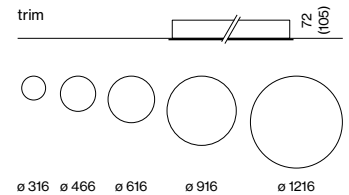
**EN** Round luminaire housing in aluminium with trim; suitable for installation in plasterboard ceilings; suitable for ceiling thickness of 10-25mm; surface powder coated; up to  $\varnothing 600$ mm: installation without tools using snap spring closure; highly reflective coating of the PCB for improved 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, TW  
CRI  $\geq 80$ , 3 SDCM  
UGR  $\leq 19$  /  $65^\circ \leq 3000$  cd/m<sup>2</sup>  
up to 146 lm/W  
L90 @ 50 000h  
non DIM, DALI-2  
opal, microprismatic  
IP 40

### Types



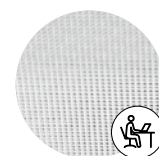
### Colour



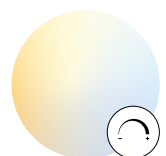
### Light distribution



DiiA® standards  
251, 252, 253



DIN EN 12464-1  
UGR  $\leq 19$



tunable white  
2700-6500K

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6
tunable white 2700–6500K*	
*DALI-2 DT8	

CONTROL	
non DIM	1
DALI-2	3

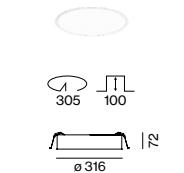
MATERIAL COLOUR	
pure white RAL 9010	

LIGHT OPTIC COVER	
opal	O
microprismatic (UGR≤19)	K

Options on request

COLOUR RENDERING INDEX	
CRI≥90	

EMERGENCY LIGHT	
1h accupack	
3h accupack	

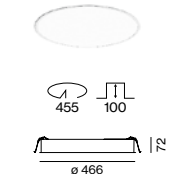


COMBO 300 trim



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
10.1W	3000K	993lm	064-1031::7
	4000K	1050lm	
10.1W TW	2700–6500K	1060lm	064-1031D37

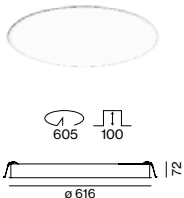


COMBO 450 trim



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
16.7W	3000K	2050lm	064-1041::7
	4000K	2170lm	
18W TW	2700–6500K	2150lm	064-1041D37

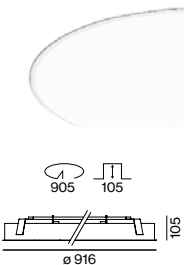


COMBO 600 trim

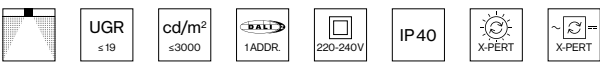


DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
31W	3000K	4020lm	064-1051::7
	4000K	4250lm	
34W TW	2700–6500K	4370lm	064-1051D37



COMBO 900 trim



DIRECT

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



COMBO 1200 trim



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
92W	3000K	12610lm	064-1081::37
	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