



COMBO

recessed with trim

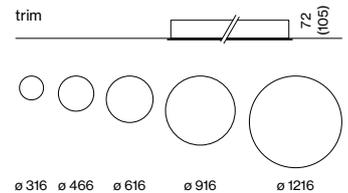
EN Round luminaire housing in aluminium with trim; suitable for installation in plasterboard ceilings; suitable for ceiling thickness of 10-25mm; surface powder coated; up to \varnothing 600mm: installation without tools using snap spring closure; highly reflective coating of the PCB for improved efficiency;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

ES Cuerpo redondo con marco fabricado en aluminio; apropiada para montaje en techos de yeso; para instalación en techos de 10-25 mm de grosor; superficie con recubrimiento de pintura en polvo; hasta \varnothing 600 mm: sencilla instalación sin herramientas mediante un enganche elástico; recubrimiento altamente reflectante de la pletina para un mayor rendimiento; iluminación homogénea, con efecto opal o microprismático; LEDs de alta eficiencia que proporcionan una alta reproducción cromática; convertidor externo para inserción en el techo, adecuado para cableado pasante

Quickinfo

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

Types



Colour



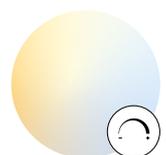
Light distribution



DiiA® standards
 251, 252, 253



DIN EN 12464-1
 UGR \leq 19



tunable white
 2700-6500K

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR	
<input type="radio"/> pure white RAL 9010	

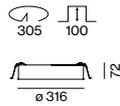
LIGHT OPTIC COVER	<input checked="" type="checkbox"/>
opal	<input type="radio"/>
microprismatic (UGR ≤ 19)	<input checked="" type="checkbox"/>

Options on request

COLOUR RENDERING INDEX	
CRI ≥ 90	

COLOUR TEMPERATURE	
tunable white 2700–6500K (2× DALI)	

EMERGENCY LIGHT	
1h accupack	
3h accupack	

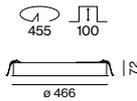


COMBO 300 trim

UGR ≤ 19	cd/m² ≤ 3000	RG0 IEC 62471	DALI 1ADDR.	220-240V	IP40	X-PERT	X-PERT

DIRECT

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

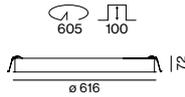


COMBO 450 trim

UGR ≤ 19	cd/m² ≤ 3000	RG0 IEC 62471	DALI 1ADDR.	220-240V	IP40	X-PERT	X-PERT

DIRECT

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

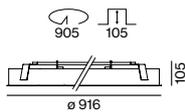


COMBO 600 trim

UGR ≤ 19	cd/m² ≤ 3000	RG0 IEC 62471	DALI 1ADDR.	220-240V	IP40	X-PERT	X-PERT

DIRECT

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

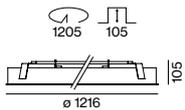


COMBO 900 trim

UGR ≤ 19	cd/m² ≤ 3000	RG0 IEC 62471	DALI 1ADDR.	220-240V	IP40	X-PERT	X-PERT

DIRECT

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



COMBO 1200 trim

UGR ≤ 19	cd/m² ≤ 3000	RG0 IEC 62471	DALI 3ADDR.	220-240V	IP40	X-PERT	X-PERT

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