

COMBO 1200

trim

064-1081537K



Project / Type

Notes

Count / Date



IP 40

220-240V

X-PERT

X-PERT

General

Ceiling / Wall , Recessed

white , RAL9010 ¹

IP40

12600 lm

LED

3000 K

CRI ≥ 80

L90 / 50000 h

photobio. safety RG 0 - no Risk

initial MacAdam ≤ 3 SDCM

MR 0.54

MDER 0.49

Optical

Microprismatic

UGR < 19 , ≥65° <3000 cd/m²

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

Electrical

DALI-2

92 W

PC1 220-240V

137 lm/W

3 DALI Addr.

Physical

trim

diameter 1216 mm

height 105 mm

19 kg

Cutout

diameter 1205 mm

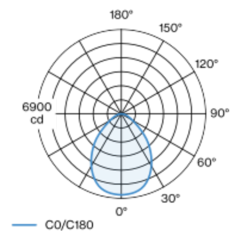
min. ceiling thickness 10 mm

max. ceiling thickness 25 mm

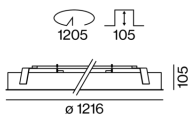
recessed depth 105 mm

¹ RAL code ² Value of containing product at full load (undimmed)

Light distribution



Product drawing



Installation instructions



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.98	0.96	0.94	0.91	0.9
LSF	1	1	1	1	1
MF	LMF × RSMF × LLMF × LSF		RSMF ^a	Room Surface Maintenance Factor	
MF	Maintenance Factor		LLMF	Lamp Lumens Maintenance Factor	
LMF ^a	Luminaire Maintenance Factor		LSF	Lamp Survival Faktor	

^a According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	3
B13	4
B16	5
B20	6
C10	6
C13	8
C16	10
C20	12

Mounting accessories

MOUNTING RING

TYPE	ARTICLE NUMBER(S)
for acoustic ceiling	064-1906800

