

trim



Notes

Count / Date

 IP20
 IP54



Ceiling , Recessed

white , RAL9010 ¹

front IP54 , back IP20

1590 lm

4000 K

CBI ≥ 90

1.85 / 500

initial MacAdam

$B_{\text{c}}: 98 \quad B_{\text{c}}: 90 \quad B_{\text{c}(4.5)}: 88$

R_g: 98 , R_f: 90 , R_{1-15}: 88
MB 0.76

MR 0.76
MDEP 0

MDER 0.69

Opal

$$P_{stLM} \leq 1.0^2$$
$$\text{SVM} \leq 0.4^2$$

non DIM

no emergency light

13.0 W

PC2 220-240V

122 lm/W

trim

diameter 150 mm

height 53 mm

diameter 140 mm

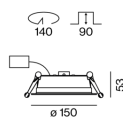
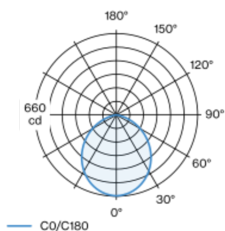
min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

recessed depth 90 mm

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

Product drawing



[852-93236170] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.

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MIRA 150 round

trim

852-93236170



Project / Type

Notes

Count / Date

Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.98	0.96	0.94	0.91	0.89
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	22
B16	36
C10	37
C16	60

Electrical accessories

THROUGH WIRING CONNECTION BOX

TYPE	L·W·H (MM)	ARTICLE NUMBER(S)
non DIM cable ø 4 – 12 mm	105-58-30	005-2531110
DALI cable ø 4 – 12 mm	105-58-30	005-2551110

