

RECOVER BASIC 1350

099-2210517



Project / Type

Notes

Count / Date



IP 40

220-240V

X-PERT

General

Wall , Surface

white , RAL9010 ¹

IP40

direct 296², 559³, 2⁴ lm

total 296², 559³, 6530⁴ lm

296², 559³, 6530⁴ lm

indirect 6530 lm

LED

3000 K

CRI ≥ 97

L80 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 92 , R_r: 86 , R₍₁₋₁₅₎: 94

MR 0.53

MDER 0.48

Optical

PstLM ≤ 1.0 ⁵

SVM ≤ 0.4 ⁵

Electrical

non DIM

4.7², 9.4³, 79⁴ W

PC1 220-240V

63², 59³, 83⁴ lm/W

Physical

length 1350 mm

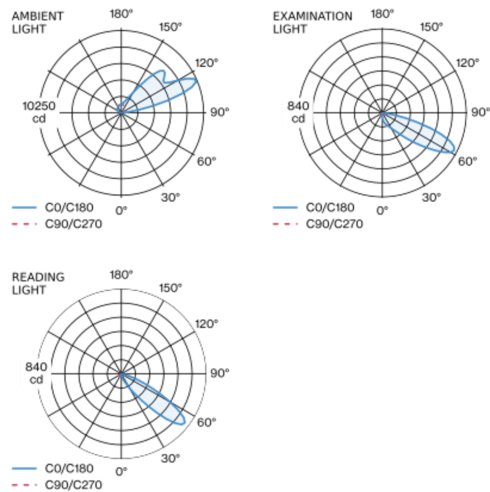
width 223 mm

height 80 mm

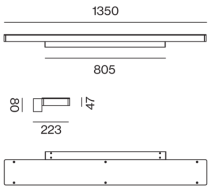
12 kg

LED wall mounted light for standard nursing area; IP 40 protection; 1 pc per bed; mounting height of upper edge of luminaire: 180cm; rectangular luminaire profile with direct / indirect light distribution, surface white powder coated; end cap in same colour; direct and indirect light exit with clear toughened glass cover; cable inlet on the wall side for 220-240V power supply and for the examination light circuit and the reading light; power feed from the rear (wall mounting profile preassembled); Luminaire offers 3 kinds of lighting; 1) Reading light; flush mounted, equipped with lens technology to avoid glare to neighbouring bed; reading light switchable by means of a connection to a potential-free contact (e.g., via a patient terminal provided by the customer); 2) Examination light; switchable by means of a connection to a button; 3) Indirect room lighting; switchable by means of a connection to a button; maximum power consumption 108W; luminous flux 7870lm; L80 min. 80% of luminous flux after 50000 operating hours; colour temperature 3000K; colour rendering CRI > 90, CRI typically 95; colour point binning: directly on the BBL, colour homogeneity: initial <3-Step SDCM scale, colour point stability: final after 10000 hrs <4-Step SDCM scale; PC I; complies with the following provisions: EN (IEC) 60598-1 and the supplement EN (IEC) 60598-2-25; dimensions of housing W 1350mm, visible H 47mm, wall profile H 80mm, D 223mm; Manufacturer XAL, type RECOVER basic 1350

Light distribution



Product drawing



¹ RAL code ² EXAMINATION LIGHT ³ READING LIGHT
⁴ AMBIENT LIGHT
⁵ Value of containing product at full load (undimmed)

Installation instructions



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.98	0.93	0.89	0.85	0.81
LSF	1	1	1	1	1

MF

LMF × RSMF × LLMF × LSF

MF

Maintenance Factor

LMF^a

Luminaire Maintenance Factor

RSMF^a

Room Surface Maintenance Factor

LLMF

Lamp Lumens 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	50
B13	65
B16	80
B20	100
C10	50
C13	65
C16	80
C20	100

