

# RECOVER BASIC 1350

099-2210517



Project / Type

Notes

Count / Date



### General

Wall , Surface

white , RAL9010<sup>1</sup>

IP40

direct 296<sup>2</sup>, 559<sup>3</sup>, 2<sup>4</sup> lm

total 296<sup>2</sup>, 559<sup>3</sup>, 6530<sup>4</sup> lm

296<sup>2</sup>, 559<sup>3</sup>, 6530<sup>4</sup> lm

indirect 6530 lm

### LED

3000 K

CRI ≥ 97

L80 / 50000 h

initial MacAdam ≤ 3 SDCM

R<sub>g</sub>: 92 , R<sub>r</sub>: 86 , R<sub>(1-5)</sub>: 94

MR 0.53

MDER 0.48

### Optical

PstLM ≤ 1.0<sup>5</sup>

SVM ≤ 0.4<sup>5</sup>

### Electrical

non DIM

system 4.7<sup>2</sup>, 9.4<sup>3</sup>, 79<sup>4</sup> W

PC1 220-240V

system 63<sup>2</sup>, 59<sup>3</sup>, 83<sup>4</sup> lm/W<sup>6</sup>

### Physical

length 1350 mm

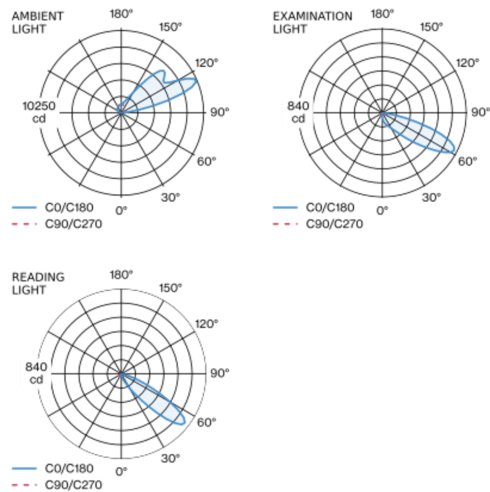
width 223 mm

height 80 mm

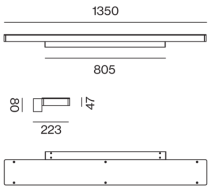
12 kg

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



<sup>1</sup> RAL code <sup>2</sup> EXAMINATION LIGHT <sup>3</sup> READING LIGHT  
<sup>4</sup> AMBIENT LIGHT  
<sup>5</sup> Value of containing product at full load (undimmed)  
<sup>6</sup> incl. optical losses and the efficiency of the operating device (converter)

### 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		RSMF <sup>a</sup>	Room Surface Maintenance Factor	
MF	Maintenance Factor		LLMF	Lamp Lumens Maintenance Factor	
LMF <sup>a</sup>	Luminaire Maintenance Factor		LSF	Lamp Survival Faktor	

<sup>a</sup> 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	5
B13	6
B16	8
B20	10
C10	8
C13	10
C16	13
C20	16

