

# RECOVER BASIC 1650

099-2211517



Project / Type
Notes
Count / Date



220-240 V
IP 40
X-PERT

## General

Wall   Surface
white   RAL 9010 <sup>1</sup>
IP40
indirect 8170 lm   direct 559 <sup>2</sup> , 1480 <sup>3</sup> , 2 <sup>4</sup> lm
total 559 <sup>2</sup> , 1480 <sup>3</sup> , 8170 <sup>4</sup> lm
559 <sup>2</sup> , 1480 <sup>3</sup> , 8170 <sup>4</sup> lm

## LED

3000 K
CRI ≥ 97
L80 / 50000 h
initial MacAdam ≤ 3 SDCM
R <sub>g</sub> : 102   R <sub>f</sub> : 96   R <sub>f(1-5)</sub> : 96
MR 0.63   MDER 0.57

## Electrical

non DIM
PC1   220-240 V
system 9.4 <sup>2</sup> , 23.5 <sup>3</sup> , 99 <sup>4</sup> W
system 59 <sup>2</sup> , 63 <sup>3</sup> , 83 <sup>4</sup> lm/W <sup>5</sup>

## Physical

length 1645 mm   width 223 mm   height 80 mm
12 kg

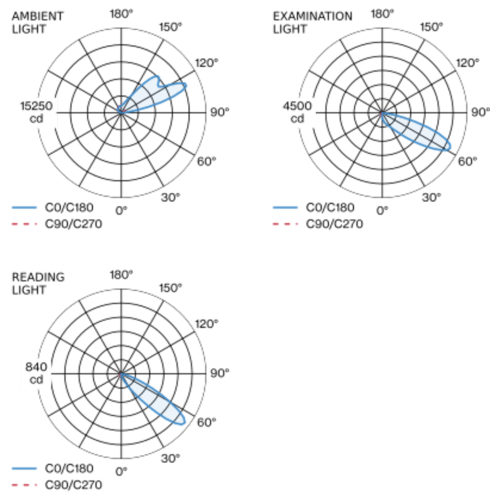
LED wall mounted light for standard nursing area; IP 40 protection; 1 pc per bed; mounting height of upper edge of luminaire: 180cm; rectangular luminaire profile with direct / indirect light distribution, surface white powder coated; end cap in same colour; direct and indirect light exit with clear 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 127W; luminous flux 9380lm; 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 1650mm, visible H 47mm, wall profile H 80mm, D 223mm; Manufacturer XAL, type RECOVER basic 1650

<sup>1</sup> RAL code <sup>2</sup> READING LIGHT <sup>3</sup> EXAMINATION LIGHT  
<sup>4</sup> AMBIENT LIGHT  
<sup>5</sup> incl. consideration of optical losses, internal control unit losses & operating device efficiency

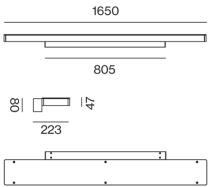
## Installation instructions



## Light distribution



## Product drawing



[099-2211517] 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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