

# RECOVER DALI1650

099-2211D37



Project / Type
Notes
Count / Date



IP 40
220-240V
220-240V
X-PERT

## 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> , 8380 <sup>4</sup> lm
296 <sup>2</sup> , 559 <sup>3</sup> , 8380 <sup>4</sup> lm
indirect 8380 lm

## LED

3000 K <sup>2</sup> -tunable white <sup>3</sup>
CRI ≥ 97 <sup>2</sup> -70 <sup>3</sup>
L80 / 50000 h <sup>2</sup> -L95 / 50000 h <sup>3</sup>
initial MacAdam ≤ 3 SDCM
R <sub>g</sub> : 92 , R <sub>r</sub> : 86 , R <sub>t(1-5)</sub> : 94
MR 0.53
MDER 0.48
2700 K - 6500 K

## Optical

PstLM ≤ 1.0 <sup>5</sup>
SVM ≤ 0.4 <sup>5</sup>

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, for the examination light circuit and the reading light and 2 DALI control lines; power feed from the rear (wall mounting profile preassembled); Luminaire offers 3 kinds of lighting; 1) Reading light 3000K; 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 3000K; switchable by means of a connection to a button; 3) Indirect, tuneable white room lighting; 2700K – 6500K; controllable via DALI Control; maximum power consumption 106W at 6500K; luminous flux 8380lm at 6500K; L80 min. 80% of luminous flux after 50000 operating hours; reading and examination light: 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 dali 1650; necessary accessories per room: DALI POWER SUPPLY and DALI control

## Electrical

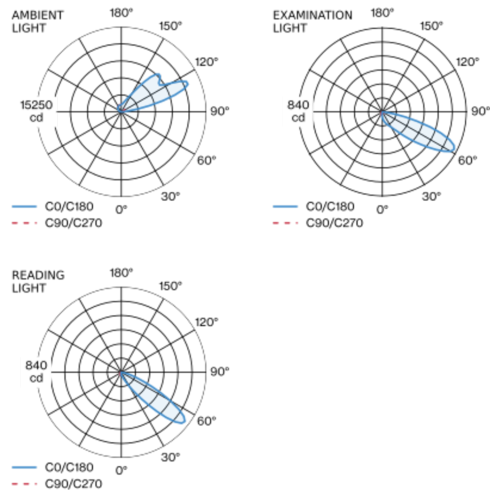
non DIM <sup>2</sup> -DALI-2 <sup>3</sup>
4.7 <sup>2</sup> , 9.4 <sup>3</sup> , 75 <sup>4</sup> W
PC1 220-240V
63 <sup>2</sup> , 59 <sup>3</sup> , 112 <sup>4</sup> lm/W

## Physical

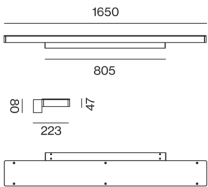
length 1645 mm
width 223 mm
height 80 mm
12 kg

<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)

## Light distribution



## Product drawing



## Installation instructions



[099-2211D37] 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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