

RECOVER DALI1350

099-2210D37



Project / Type
Notes
Count / Date



220-240V
IP 40
X-PERT

General

Wall , Surface
white , RAL9010 ¹
IP40
direct 296 ² , 559 ³ , 2 ⁴ lm
total 296 ² , 559 ³ , 6700 ⁴ lm
296 ² , 559 ³ , 6700 ⁴ lm
indirect 6700 lm

LED

3000 K ² , 3000 K ³ , tunable white ⁴
CRI ≥ 97 ² , 97 ³ , 70 ⁴
L80 / 50000 h ² , L80 / 50000 h ³ , L95 / 50000 h ⁴
initial MacAdam ≤ 3 SDCM
R _g : 92 , R _r : 86 , R _{f(1-5)} : 94
MR 0.53 ² , 0.53 ³ , 0.92 ⁴
MDER 0.48 ² , 0.48 ³ , 0.83 ⁴
2700 K - 6500 K

Optical

PstLM ≤ 1.0 ⁵
SVM ≤ 0.4 ⁵

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 91W at 6500K; luminous flux 6700lm 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 1350mm, visible H 47mm, wall profile H 80mm, D 223mm; Manufacturer XAL, type RECOVER dali 1350; necessary accessories per room: DALI POWER SUPPLY and DALI control

Electrical

non DIM ² , non DIM ³ , DALI-2 ⁴
system 4.7 ² , 9.4 ³ , 60 ⁴ W
PC1 220-240V
system 63 ² , 59 ³ , 112 ⁴ lm/W ⁶

Physical

length 1350 mm
width 223 mm
height 80 mm
12 kg

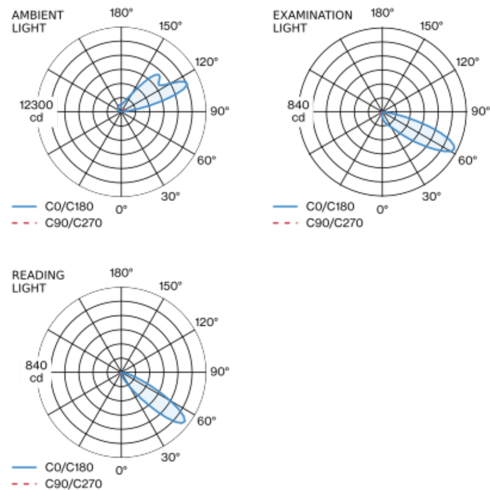
¹ RAL code ² EXAMINATION LIGHT ³ READING LIGHT

⁴ AMBIENT LIGHT

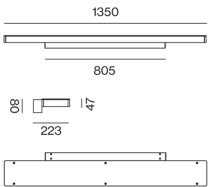
⁵ Value of containing product at full load (undimmed)

⁶ incl. optical losses and the efficiency of the operating device (converter)

Light distribution



Product drawing



Installation instructions



[099-2210D37] 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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