

RECOVER DALI 1650

099-2211D37



Project / Type
Notes
Count / Date



IP 40
220-240 V

General

Wall Surface
pure white RAL 9010
IP40
indirect 8380 lm direct 559 ¹ , 1480 ² , 2 ³ lm
total 559 ¹ , 1480 ² , 8380 ³ lm
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LED

3000 K ¹ , 3000 K ² , tunable white ³ 2700 K - 6500 K
CRI ≥ 97 ¹ , 97 ² , 70 ³
L80 / 50000 h ¹ , L80 / 50000 h ² , L95 / 50000 h ³
initial MacAdam ≤ 3 SDCM
MR 0.63 ¹ , 0.63 ² , 0.92 ³ MDER 0.57 ¹ , 0.57 ² , 0.83 ³
R _g : 102 R _f : 96 R ₍₁₋₁₅₎ : 96

Electrical

non DIM ¹ , non DIM ² , DALI-2 ³
PC1 220-240 V
system 9.4 ¹ , 23.5 ² , 75 ³ W
system 59 ¹ , 63 ² , 112 ³ lm/W ⁴

Physical

length 1645 mm width 223 mm height 80 mm
12 kg

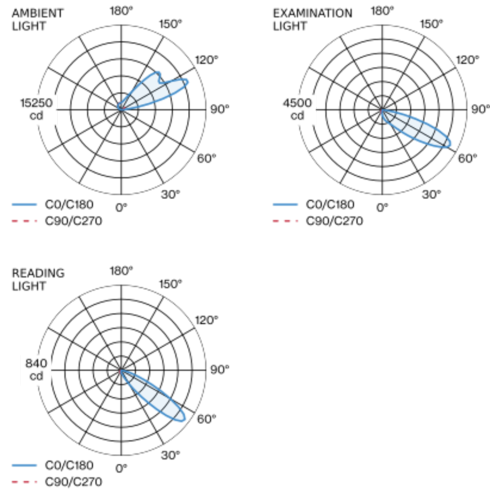
LED wall mounted light for standard nursing area; IP 40 protection; 1 pc per bed; mounting height of upper edge of luminaire: 180cm; rectangular luminaire profile with direct / indirect light distribution, surface white powder coated; end cap in same colour; direct and indirect light exit with clear toughened glass cover; cable inlet on the wall side for 220-240V power supply, 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

¹ READING LIGHT ² EXAMINATION LIGHT ³ AMBIENT LIGHT
⁴ incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions



Light distribution



Product drawing

