

RECOVER DALI1350

099-2210D37



Project / Type
Notes
Count / Date



General

Wall , Surface
white , RAL 9010 ¹
IP40
indirect 6700 lm
direct 559 ² , 1480 ³ , 2 ⁴ lm
total 559 ² , 1480 ³ , 6700 ⁴ lm
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LED

3000 K ² , 3000 K ³ , tunable white ⁴
2700 K - 6500 K
CRI ≥ 97 ² , 97 ³ , 70 ⁴
L80 / 50000 h ² , L80 / 50000 h ³ , L95 / 50000 h ⁴
initial MacAdam ≤ 3 SDCM
MR 0.53 ² , 0.53 ³ , 0.92 ⁴
MDER 0.48 ² , 0.48 ³ , 0.83 ⁴
R _g : 92 , R _r : 86 , R _{t(1-15)} : 94

Optical

PstLM ≤ 1.0 ⁴ 3 5
SVM ≤ 0.4 ⁴ 3 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

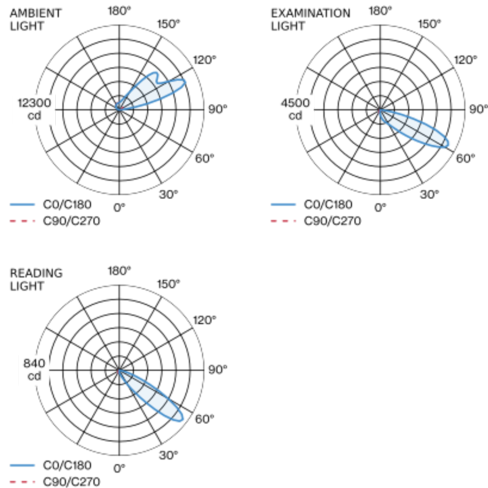
Electrical

non DIM ² , non DIM ³ , DALI-2 ⁴
220-240 V
system 9.4 ² , 23.5 ³ , 60 ⁴ W
system 59 ² , 63 ³ , 112 ⁴ lm/W ⁶
PC1

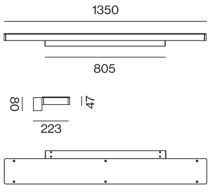
Physical

length 1350 mm
width 223 mm
height 80 mm
12 kg

Light distribution



Product drawing



¹ RAL code ² READING LIGHT ³ EXAMINATION LIGHT
⁴ AMBIENT LIGHT
⁵ Value of containing product at full load (undimmed)
⁶ FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.

Installation instructions

