

Product: RUBIN CLEAN LED 2600 MICRO-PRM SH E IP65 840 / 620X310

Index: 19.4063.4121.34



## **Description**

Surface mounted luminary equipped in highly efficient LED panels. Luminary body made from steel sheet, powder coated in white. Diffusers and optical systems in aluminum frame. Luminary recommended for: operating and treatment rooms, as well as intensive care units.

## **Product information**

| Category | Clean luminaires - surface                             |
|----------|--|
| Family   | RUBIN CLEAN LED  |
| Name     | RUBIN CLEAN LED 2600 MICRO-PRM SH E IP65 840 / 620X310 |
| Index    | 19.4063.4121.34  |















## Light and electrical data

| $\begin{array}{lll} \text{Photobiological risk class (IEC/EN} & \text{RG0} \\ 62471) & \\ \text{Protection against electric shock} & \text{I} \\ \text{Protection degree} & \text{IP65} \\ \text{Voltage} & 220240 \text{ V, } 5060 \text{ Hz} \\ \text{Lifetime of LED sources [h]} & 100000 \text{ (1) } \text{ I } 47000 \text{ (2)} \\ \text{Lx/By} & \text{L80/B10 (1) } \text{ I } \text{L70/B50 (2)} \\ \text{Operating temperature range [°C]} & 5 \div 30 \\ \text{Driver} & \text{standard on/off (E)} \\ \text{Power factor cos } \phi & >0.95 \\ \text{Circuit load capacity} & 46 \text{ (B10), } 74 \text{ (B16), } 72 \text{ (C10), } 115 \\ \end{array}$  |                                     |  |  |
|---|-------------------------------------|--|--|
| LED power [W]       13,3         Luminaire luminous flux [lm]       1884         Power of luminaire [W]       14,4         Luminaire's light efficiency [lm/W]       130,8         Color of the light [K]       4000         CRI       >80         SDCM (LED sources)       3         Beam angle [°]       (C0-C180) / (C90-C270) - 88° / 91         Photobiological risk class (IEC/EN 62471)       RG0         Protection against electric shock       I         Protection degree       IP65         Voltage       220240 V, 5060 Hz         Lifetime of LED sources [h]       100000 (1) / 147000 (2)         Lx/By       L80/B10 (1) / L70/B50 (2)         Operating temperature range [°C]       5 ÷ 30         Driver       standard on/off (E)         Power factor cos φ       >0,95         Circuit load capacity       46 (B10), 74 (B16), 72 (C10), 115   | Light source                        | LED  |  |
| Luminaire luminous flux [lm] 1884  Power of luminaire [W] 14,4  Luminaire's light efficiency [lm/W] 130,8  Color of the light [K] 4000  CRI >80  SDCM (LED sources) 3  Beam angle [°] (C0-C180) / (C90-C270) - 88° / 91  Photobiological risk class (IEC/EN 62471)  Protection against electric shock I  Protection degree IP65  Voltage 220240 V, 5060 Hz  Lifetime of LED sources [h] 100000 (1) / 147000 (2)  Lx/By L80/B10 (1) / L70/B50 (2)  Operating temperature range [°C] $5 \div 30$ Driver standard on/off (E)  Power factor $\cos \varphi$ >0,95  Circuit load capacity 46 (B10), 74 (B16), 72 (C10), 115   | Luminous flux LED [lm]              | 2617                                       |  |
| Power of luminaire [W]14,4Luminaire's light efficiency [lm/W]130,8Color of the light [K]4000CRI>80SDCM (LED sources)3Beam angle [°](C0-C180) / (C90-C270) - 88° / 91Photobiological risk class (IEC/EN 62471)RG0Protection against electric shockIProtection degreeIP65Voltage220240 V, 5060 HzLifetime of LED sources [h]100000 (1) / 147000 (2)Lx/ByL80/B10 (1) / L70/B50 (2)Operating temperature range [°C] $5 \div 30$ Driverstandard on/off (E)Power factor cos $φ$ >0,95Circuit load capacity46 (B10), 74 (B16), 72 (C10), 115   | LED power [W]                       | 13,3                                       |  |
| Luminaire's light efficiency [lm/W] 130,8  Color of the light [K] 4000  CRI >80  SDCM (LED sources) 3  Beam angle [°] (C0-C180) / (C90-C270) - 88° / 91  Photobiological risk class (IEC/EN 62471)  Protection against electric shock I  Protection degree IP65  Voltage 220240 V, 5060 Hz  Lifetime of LED sources [h] 100000 (1) / 147000 (2)  Lx/By L80/B10 (1) / L70/B50 (2)  Operating temperature range [°C] $5 \div 30$ Driver standard on/off (E)  Power factor $\cos \phi$ >0,95  Circuit load capacity 46 (B10), 74 (B16), 72 (C10), 115  | Luminaire luminous flux [lm]        | 1884                                       |  |
| Color of the light [K] 4000  CRI >80  SDCM (LED sources) 3  Beam angle [°] (C0-C180) / (C90-C270) - 88° / 91  Photobiological risk class (IEC/EN 62471)  Protection against electric shock I  Protection degree IP65  Voltage 220240 V, 5060 Hz  Lifetime of LED sources [h] 100000 (1) / 147000 (2)  Lx/By L80/B10 (1) / L70/B50 (2)  Operating temperature range [°C] $5 \div 30$ Driver standard on/off (E)  Power factor cos φ >0,95  Circuit load capacity 46 (B10), 74 (B16), 72 (C10), 115   | Power of luminaire [W]              | 14,4                                       |  |
| CRI >80  SDCM (LED sources) 3  Beam angle [°] (C0-C180) / (C90-C270) - 88° / 91  Photobiological risk class (IEC/EN 62471)  Protection against electric shock I  Protection degree IP65  Voltage 220240 V, 5060 Hz  Lifetime of LED sources [h] 100000 (1) / 147000 (2)  Lx/By L80/B10 (1) / L70/B50 (2)  Operating temperature range [°C] $5 \div 30$ Driver standard on/off (E)  Power factor cos φ >0,95  Circuit load capacity 46 (B10), 74 (B16), 72 (C10), 115  | Luminaire's light efficiency [lm/W] | 130,8                                      |  |
| SDCM (LED sources)  Beam angle [°]  Photobiological risk class (IEC/EN 62471)  Protection against electric shock  Protection degree  Voltage  Lifetime of LED sources [h]  Lx/By  L80/B10 (1) / L70/B50 (2)  Driver  Power factor $\cos \varphi$ Circuit load capacity  3  (C0-C180) / (C90-C270) - 88° / 91  RG0  RG0  PG0  SUBJECT  RG0  PG0  RG0  PG0  SUBJECT  RG0  PG0  SUBJECT  RG0  PG0  SUBJECT  RG0  PG0  SUBJECT  SUBJEC | Color of the light [K]              | 4000                                       |  |
| Beam angle [°](C0-C180) / (C90-C270) - 88° / 91Photobiological risk class (IEC/EN 62471)RG0Protection against electric shockIProtection degreeIP65Voltage220240 V, 5060 HzLifetime of LED sources [h]100000 (1) / 147000 (2)Lx/ByL80/B10 (1) / L70/B50 (2)Operating temperature range [°C] $5 \div 30$ Driverstandard on/off (E)Power factor cos $φ$ >0,95Circuit load capacity46 (B10), 74 (B16), 72 (C10), 115  | CRI                                 | >80  |  |
| $\begin{array}{llllllllllllllllllllllllllllllllllll$  | SDCM (LED sources)                  | 3  |  |
| $\begin{array}{lll} & & & \\ \text{Protection against electric shock} & \textbf{I} \\ & & \\ \text{Protection degree} & \textbf{IP65} \\ & & \\ \text{Voltage} & 220240 \text{ V, } 5060 \text{ Hz} \\ \text{Lifetime of LED sources [h]} & 100000 (1) / 147000 (2) \\ \text{Lx/By} & \text{L80/B10 (1) } / \text{L70/B50 (2)} \\ \text{Operating temperature range [°C]} & 5 \div 30 \\ \text{Driver} & \text{standard on/off (E)} \\ \text{Power factor cos } \phi & >0,95 \\ \text{Circuit load capacity} & 46 \text{ (B10), } 74 \text{ (B16), } 72 \text{ (C10), } 115 \\ \end{array}$   | Beam angle [°]                      | (C0-C180) / (C90-C270) - 88° / 91,8°       |  |
| Protection degree       IP65         Voltage       220240 V, 5060 Hz         Lifetime of LED sources [h]       100000 (1) / 147000 (2)         Lx/By       L80/B10 (1) / L70/B50 (2)         Operating temperature range [°C] $5 \div 30$ Driver       standard on/off (E)         Power factor cos φ       >0,95         Circuit load capacity       46 (B10), 74 (B16), 72 (C10), 115   |                                     | RG0  |  |
| Voltage       220240 V, 5060 Hz         Lifetime of LED sources [h]       100000 (1) / 147000 (2)         Lx/By       L80/B10 (1) / L70/B50 (2)         Operating temperature range [°C] $5 \div 30$ Driver       standard on/off (E)         Power factor cos φ       >0,95         Circuit load capacity       46 (B10), 74 (B16), 72 (C10), 115  | Protection against electric shock   | I  |  |
| Lifetime of LED sources [h]       100000 (1) / 147000 (2)         Lx/By       L80/B10 (1) / L70/B50 (2)         Operating temperature range [°C] $5 \div 30$ Driver       standard on/off (E)         Power factor cos φ       >0,95         Circuit load capacity       46 (B10), 74 (B16), 72 (C10), 115  | Protection degree                   | IP65                                       |  |
| Lx/By       L80/B10 (1) / L70/B50 (2)         Operating temperature range [°C] $5 \div 30$ Driver       standard on/off (E)         Power factor cos φ       >0,95         Circuit load capacity       46 (B10), 74 (B16), 72 (C10), 115  | Voltage                             | 220240 V, 5060 Hz                          |  |
| $\begin{array}{lll} \text{Operating temperature range [°C]} & \textbf{5} \div \textbf{30} \\ \text{Driver} & \textbf{standard on/off (E)} \\ \text{Power factor } \cos \phi & \textbf{>0,95} \\ \text{Circuit load capacity} & \textbf{46 (B10), 74 (B16), 72 (C10), 115} \\ \end{array}$   | Lifetime of LED sources [h]         | 100000 (1) / 147000 (2)                    |  |
| Driver standard on/off (E)  Power factor $\cos \varphi$ >0,95  Circuit load capacity 46 (B10), 74 (B16), 72 (C10), 115  | Lx/By                               | L80/B10 (1) / L70/B50 (2)                  |  |
| Power factor cos φ >0,95 Circuit load capacity 46 (B10), 74 (B16), 72 (C10), 115  | Operating temperature range [°C]    | 5 ÷ 30                                     |  |
| Circuit load capacity 46 (B10), 74 (B16), 72 (C10), 115   | Driver                              | standard on/off (E)                        |  |
|   | Power factor cos φ                  | >0,95                                      |  |
| ()  | Circuit load capacity               | 46 (B10), 74 (B16), 72 (C10), 115<br>(C16) |  |



| Mechanical data | Assembly         | surface mounted on ceiling                                       |
|-----------------|------------------|--|
|                 | Material         | steel sheet  |
|                 | Color            | white  |
| B B             | Diffuser         | Micro-PRM SH (micro-prismatic diffuser PMMA with hardened glass) |
| Δ               | Impact resistant | IK08   |
| l <del></del>   | Dimensions [mm]  | 620 x 310 x 78   |

## A graph of light

