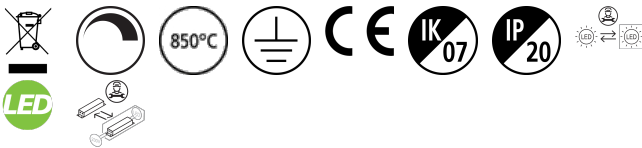


Rubico SylSmart LED  
RUBICO LED 600x600 HE TUNABLE WHITE SSC  
0044281



Caratteristiche prodotto

- RUBICO LED 600x600 HE TUNABLE WHITE SSC is a direct / indirect low glare luminaire for office and education applications. Ceiling recessed 600x600mm. Micro Prismatic optics. White RAL 9016. SylSmart stand alone room control. TUNABLE White LED with CCT range from 2700K to 6500K, Typical CRI=85, chromaticity tolerance of 3-step MacAdam ellipse, lumen package of 3,500lm, total power consumption 36W, efficacy of 97lm/W. Lifespan 100,000 hours @ L80B20, UGR<19. IK07, IP20, Electrical Protection Class I. PC diffuser, Glow Wire test 850°C



PANORAMICA DEL PRODOTTO

|                                 |                                                                 |
|---------------------------------|-----------------------------------------------------------------|
| Nome prodotto                   | RUBICO LED 600x600 HE TUNABLE WHITE SSC                         |
| Tecnologia                      | LED                                                             |
| Cap/Base                        | N/A                                                             |
| Housing                         | Acciaio                                                         |
| Montaggio                       | Ceiling recessed mounting                                       |
| General application             | Istruzione, Strutture alberghiere, Uffici, Esercizi commerciali |
| ETIM Class                      | EC002892                                                        |
| Garanzia                        | 5 years                                                         |
| Fixture luminous flux (lm)      | 3200                                                            |
| Luminaire efficacy (lm/W)       | 100                                                             |
| Temperatura di colore (K)       | 3000                                                            |
| Colore della luce               | Tuneable White                                                  |
| CRI (Ra)                        | 80                                                              |
| Consistenza colore (SDCM)       | SDCM3                                                           |
| Glare control                   | < 19                                                            |
| Gruppo di rischio fotobiologico | RG1                                                             |
| Potenza totale (W)              | 32                                                              |
| Electrical protection           | Classe I                                                        |
| Tipologia reattore              | Electronic ballast                                              |
| Dimmable                        | Sì                                                              |
| Dimming method                  | SylSmart SSC                                                    |
| Minimum dimming level (%)       | 1                                                               |
| Colore corpo lampada            | RAL 9016 - Traffic white / Bezel                                |
| IP rating                       | IP20                                                            |
| IK rating                       | IK07                                                            |
| Product EAN number              | 5410288442815                                                   |

TABELLA DATI

|               |                                         |
|---------------|-----------------------------------------|
| Dati generali |                                         |
| Nome prodotto | RUBICO LED 600x600 HE TUNABLE WHITE SSC |
| Tecnologia    | LED                                     |
| Cap/Base      | N/A                                     |

## Rubico SylSmart LED

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|                                         |                                                                 |
|-----------------------------------------|-----------------------------------------------------------------|
| Housing                                 | Acciaio                                                         |
| Montaggio                               | Ceiling recessed mounting                                       |
| General application                     | Istruzione, Strutture alberghiere, Uffici, Esercizi commerciali |
| Operating temperature range (°C)        | -20°C...+50°C                                                   |
| Performance ambient temperature Tq (°C) | 25                                                              |
| ETIM Class                              | EC002892                                                        |
| Garanzia                                | 5 years                                                         |

### Dati ottici

|                                 |                |
|---------------------------------|----------------|
| Fixture luminous flux (lm)      | 3200           |
| Luminaire efficacy (lm/W)       | 100            |
| Temperatura di colore (K)       | 3000           |
| Colore della luce               | Tuneable White |
| CRI (Ra)                        | 80             |
| Consistenza colore (SDCM)       | SDCM3          |
| Distribution type               | Simmetrico     |
| Glare control                   | < 19           |
| Gruppo di rischio fotobiologico | RG1            |

### Dati elettrici

|                                                                  |                    |
|------------------------------------------------------------------|--------------------|
| Potenza totale (W)                                               | 32                 |
| Primary Supply/Product voltage - min (V)                         | 220                |
| Primary Supply/Product voltage - max (V)                         | 240                |
| Lamp power factor                                                | 0.97               |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) = xx.x % | 10                 |
| Electrical protection                                            | Classe I           |
| Control gear required                                            | No                 |
| Tipologia reattore                                               | Electronic ballast |
| Dimmable                                                         | Sì                 |
| Dimming method                                                   | SylSmart SSC       |
| Minimum dimming level (%)                                        | 1                  |
| Drive current (mA)                                               | 650                |
| Corrente di spunto (A)                                           | 29                 |
| Durata picco di corrente (µs)                                    | 180                |
| Glow Wire Test (°C)                                              | 850                |
| Energy Efficiency Class (A->G) of contained light source         | C                  |
| Nominal Frequency (Hz)                                           | 50/60Hz            |
| Quantità max. apparecchi per interruttore 10A tipo C             | 21                 |
| Max. products per 13A C Breaker                                  | 28                 |
| Quantità max. apparecchi per interruttore 16A tipo C             | 36                 |
| Max. products per 20A C Breaker                                  | 45                 |
| Max. products per 10A B Breaker                                  | 13                 |
| Max. products per 13A B Breaker                                  | 17                 |
| Max. products per 16A B Breaker                                  | 22                 |
| Max. products per 20A B Breaker                                  | 27                 |

## Rubico SylSmart LED

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|                                                 |     |
|-------------------------------------------------|-----|
| Connectable conductor cross section - Min (mm²) | 2.5 |
|-------------------------------------------------|-----|

|                                                 |     |
|-------------------------------------------------|-----|
| Connectable conductor cross section - Max (mm²) | 2.5 |
|-------------------------------------------------|-----|

### Dati vita utile

|                               |        |
|-------------------------------|--------|
| Vita utile nominale - L70 B50 | 100000 |
|-------------------------------|--------|

|                               |        |
|-------------------------------|--------|
| Vita utile nominale - L80 B20 | 100000 |
|-------------------------------|--------|

|                               |       |
|-------------------------------|-------|
| Vita utile nominale - L90 B10 | 65000 |
|-------------------------------|-------|

### Dati dimensionali

|                      |                                  |
|----------------------|----------------------------------|
| Colore corpo lampada | RAL 9016 - Traffic white / Bezel |
|----------------------|----------------------------------|

|           |      |
|-----------|------|
| IP rating | IP20 |
|-----------|------|

|           |      |
|-----------|------|
| IK rating | IK07 |
|-----------|------|

|                 |                |
|-----------------|----------------|
| Diffuser finish | Matt/satinized |
|-----------------|----------------|

|                   |                  |
|-------------------|------------------|
| Diffuser material | PC Polycarbonate |
|-------------------|------------------|

|                                      |     |
|--------------------------------------|-----|
| Lunghezza nominale del prodotto (mm) | 596 |
|--------------------------------------|-----|

|                                  |     |
|----------------------------------|-----|
| Larghezza nominale prodotto (mm) | 596 |
|----------------------------------|-----|

|                             |    |
|-----------------------------|----|
| Nominal Product Height (mm) | 75 |
|-----------------------------|----|

|           |     |
|-----------|-----|
| Peso (Kg) | 4.6 |
|-----------|-----|

### Dati di imballo

|                           |        |
|---------------------------|--------|
| Tipologia imballo singolo | Carton |
|---------------------------|--------|

|                    |               |
|--------------------|---------------|
| Product EAN number | 5410288442815 |
|--------------------|---------------|

|                                |      |
|--------------------------------|------|
| Lunghezza imballo singolo (mm) | 65.0 |
|--------------------------------|------|

|                                |      |
|--------------------------------|------|
| Larghezza imballo singolo (cm) | 65.0 |
|--------------------------------|------|

|                             |      |
|-----------------------------|------|
| Packaging single depth (cm) | 11.0 |
|-----------------------------|------|

|               |                |
|---------------|----------------|
| DUN14 (outer) | 05410288442815 |
|---------------|----------------|

|                              |   |
|------------------------------|---|
| Quantità per imballo esterno | 1 |
|------------------------------|---|

|                                      |      |
|--------------------------------------|------|
| Packaging outer length / height (cm) | 65.0 |
|--------------------------------------|------|

|                            |      |
|----------------------------|------|
| Packaging outer width (cm) | 65.0 |
|----------------------------|------|

|                            |      |
|----------------------------|------|
| Packaging outer depth (cm) | 11.0 |
|----------------------------|------|

### Dati di sicurezza

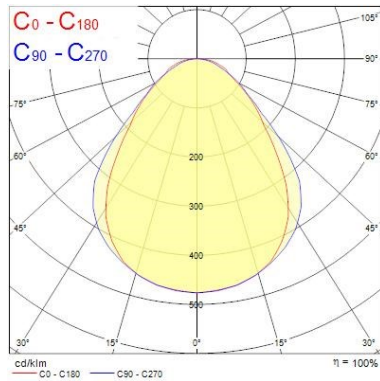
|                                       |        |
|---------------------------------------|--------|
| Temperatura ottimale di utilizzo (°C) | -20-50 |
|---------------------------------------|--------|

## FOTOMETRIA

# Rubico SylSmart LED

*RUBICO LED 600x600 HE TUNABLE WHITE SSC*

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| Distance [m] | Cone diameter [m] | $E_{\text{D}}^{\text{ref}}$<br>[W/m <sup>2</sup> ]<br>E(C90)<br>[W/m <sup>2</sup> ] | 65.7°<br>41.1° | 6998<br>1039<br>1305 |
|--------------|-------------------|-------------------------------------------------------------------------------------|----------------|----------------------|
| 0.5          | 1.02<br>0.87      | $E_{\text{D}}^{\text{ref}}$<br>[W/m <sup>2</sup> ]<br>E(C90)<br>[W/m <sup>2</sup> ] | 65.7°<br>41.1° | 6998<br>1039<br>1305 |
| 1.0          | 2.05<br>1.74      | $E_{\text{D}}^{\text{ref}}$<br>[W/m <sup>2</sup> ]<br>E(C90)<br>[W/m <sup>2</sup> ] | 65.7°<br>41.1° | 1524<br>200<br>326   |
| 1.5          | 3.07<br>2.62      | $E_{\text{D}}^{\text{ref}}$<br>[W/m <sup>2</sup> ]<br>E(C90)<br>[W/m <sup>2</sup> ] | 65.7°<br>41.1° | 678<br>118<br>145    |
| 2.0          | 4.10<br>3.49      | $E_{\text{D}}^{\text{ref}}$<br>[W/m <sup>2</sup> ]<br>E(C90)<br>[W/m <sup>2</sup> ] | 65.7°<br>41.1° | 351<br>68<br>82      |
| 2.5          | 5.12<br>4.36      | $E_{\text{D}}^{\text{ref}}$<br>[W/m <sup>2</sup> ]<br>E(C90)<br>[W/m <sup>2</sup> ] | 65.7°<br>41.1° | 244<br>42<br>52      |
| 3.0          | 6.15<br>5.23      | $E_{\text{D}}^{\text{ref}}$<br>[W/m <sup>2</sup> ]<br>E(C90)<br>[W/m <sup>2</sup> ] | 65.7°<br>41.1° | 189<br>39<br>56      |

Distance [m]      Cone diameter [m]      (Illuminance [lx])

— C0 - C180 (Half beam angle: 92.2°)  
— C90 - C270 (Half beam angle: 91.4°)

## DISEGNI TECNICI

