



Features

- SportsBay luminaire developed for sports halls with 18400lumens, 122W, 151lm/W, 4000K, CRI 80, wide beam 117°optic, non dimmable, 3 step MacAdam ellipse, Class 1, 220-240V, IP20, IK10, lifespan 100Khrs L70B50, (LxWxH) 1500x320x66mm with 3-hour maintained emergency pack. Ball-impact-resistance according to VDE 0710-13.

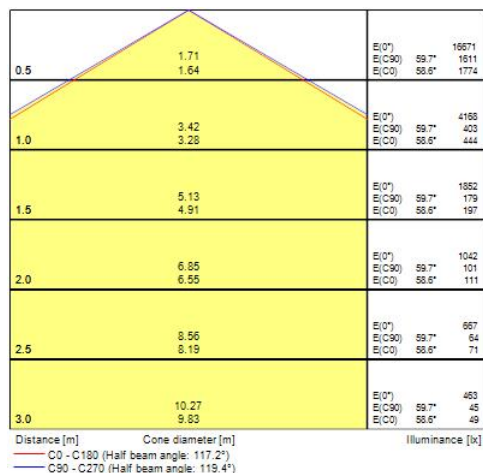
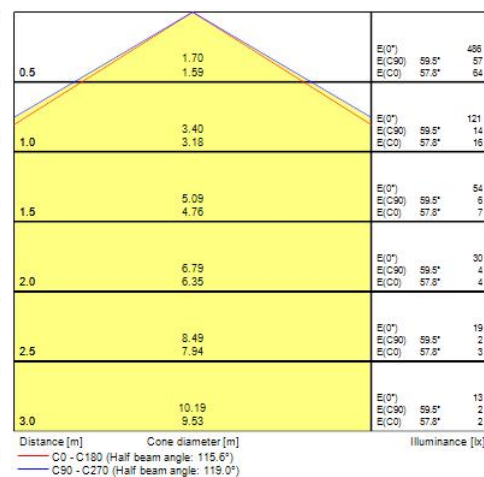
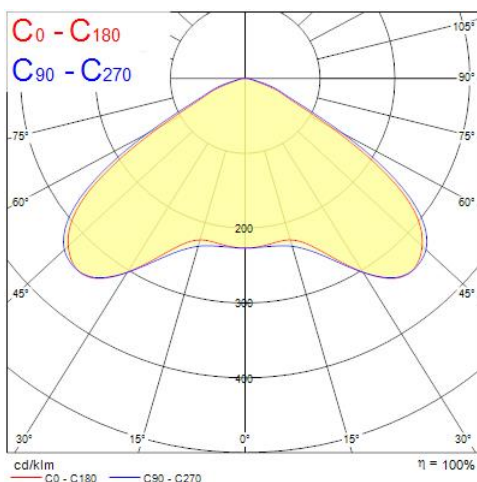
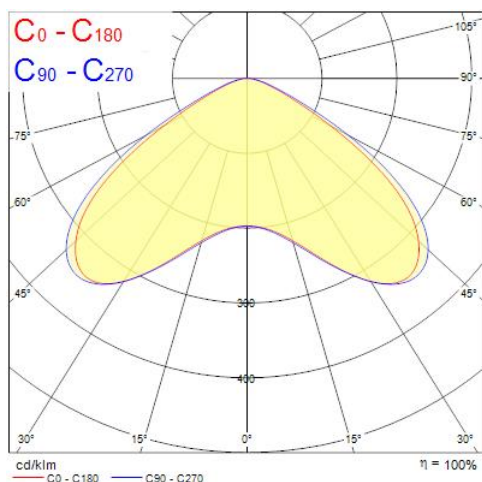
Product Overview

|                                 |                                 |
|---------------------------------|---------------------------------|
| Product name                    | Sportsbay 1500mm 18400lm 840 EM |
| Technology                      | LED                             |
| Cap/Base                        | N/A                             |
| Housing                         | Steel                           |
| Mount                           | Ceiling surface mounting        |
| E-number FI                     | 4279345                         |
| Fixture luminous flux (lm)      | 18400                           |
| Luminaire efficacy (lm/W)       | 151                             |
| Colour temperature (K)          | 4000                            |
| Light colour                    | Neutral White                   |
| CRI (Ra)                        | 80                              |
| Colour Variation Initial (SDCM) | 3                               |
| Glare control                   | < 24                            |
| Photobiological Risk Group      | RG1                             |
| Luminous flux (emergency) (lm)  | 620                             |
| Total power consumption (W)     | 122                             |
| Electrical protection           | Class I                         |
| Control gear type               | LED driver constant current     |
| LED Flickering Rate             | Ultra low (5% or less)          |
| Housing colour                  | RAL9016                         |
| IP rating                       | IP20                            |

Sportsbay 1500mm 18400lm 840 EM  
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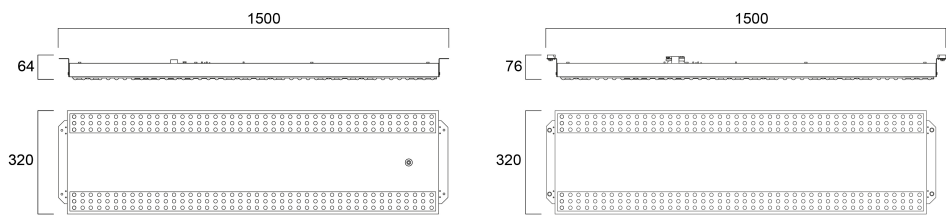
|                           |               |
|---------------------------|---------------|
| <b>IK rating</b>          | IK10          |
| <b>Product EAN number</b> | 5410288440637 |
| <b>Warranty</b>           | 5 years       |

## Photometry



Sportsbay 1500mm 18400lm 840 EM  
0044063

Technical drawings



Data table

GENERAL DATA

|                                  |                                 |
|----------------------------------|---------------------------------|
| Product name                     | Sportsbay 1500mm 18400lm 840 EM |
| Technology                       | LED                             |
| Cap/Base                         | N/A                             |
| Housing                          | Steel                           |
| Mount                            | Ceiling surface mounting        |
| Operating temperature range (°C) | 5°C...+35°C                     |
| E-number FI                      | 4279345                         |
| Warranty                         | 5 years                         |

OPTICAL DATA

|                                 |               |
|---------------------------------|---------------|
| Fixture luminous flux (lm)      | 18400         |
| Luminaire efficacy (lm/W)       | 151           |
| Colour temperature (K)          | 4000          |
| Light colour                    | Neutral White |
| CRI (Ra)                        | 80            |
| Colour Variation Initial (SDCM) | 3             |
| Luminous Intensity (cd)         | 6280          |
| Glare control                   | < 24          |
| Photobiological Risk Group      | RG1           |
| Luminous flux (emergency) (lm)  | 620           |
| Emergency duration (h)          | 3             |

## ELECTRICAL DATA

|                                                          |                             |
|----------------------------------------------------------|-----------------------------|
| Total power consumption (W)                              | 122                         |
| Primary Supply/Product voltage - min (V)                 | 198.0                       |
| Lamp power factor                                        | 0.96                        |
| Electrical protection                                    | Class I                     |
| Control gear required                                    | No                          |
| Control gear type                                        | LED driver constant current |
| Drive current (mA)                                       | 350                         |
| Inrush Current (A)                                       | 38                          |
| Inrush Duration (µs)                                     | 220                         |
| Glow Wire Test (°C)                                      | 850                         |
| Energy Efficiency Class (A->G) of contained light source | C                           |
| Nominal Frequency (Hz)                                   | 50/60Hz                     |
| LED Flickering Rate                                      | Ultra low (5% or less)      |
| Max. products per 10A C Breaker                          | 6                           |
| Max. products per 20A B Breaker                          | 14                          |
| Connectable conductor cross section - Max (mm²)          | 2.5                         |

## LIFETIME DATA

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L70 B20 | 100000 |
| Lifespan L70 B10 | 100000 |
| Lifespan L80 B50 | 81000  |
| Lifespan L80 B20 | 76000  |
| Lifespan L80 B10 | 74000  |
| Lifespan L90 B50 | 39000  |
| Lifespan L90 B20 | 36500  |
| Lifespan L90 B10 | 35000  |

## PHYSICAL DATA

|                |         |
|----------------|---------|
| Housing colour | RAL9016 |
|----------------|---------|



Sportsbay 1500mm 18400lm 840 EM  
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|                             |       |
|-----------------------------|-------|
| IP rating                   | IP20  |
| IK rating                   | IK10  |
| Diffuser finish             | Other |
| Diffuser material           | None  |
| Nominal Product Length (mm) | 1500  |
| Nominal Product Width (mm)  | 320   |
| Weight (kg)                 | 12.8  |

PACKAGING

|                                      |                |
|--------------------------------------|----------------|
| Single packaging type                | Carton         |
| Product EAN number                   | 5410288440637  |
| Packaging single width (cm)          | 34.5           |
| Packaging single depth (cm)          | 7.7            |
| DUN14 (outer)                        | 05410288440637 |
| Packaging outer length / height (cm) | 154.0          |

SAFETY DATA

|                                     |      |
|-------------------------------------|------|
| Optimal operating condition (°C)    | 5-35 |
| Special purpose lamp                | No   |
| Dry applications use only           | No   |
| Suitable for household illumination | No   |