

**Product:** NUMANCIA ARENA LED 1x42000 NARROW E IP66 04 740

**Index:** 19.4399.2281.04



## Description

Numancia Arena luminaire is designed to meet the extreme demands of illuminating large-scale sports arenas and outdoor facilities with unmatched efficiency and performance. Delivering luminous outputs ranging from 22895 lm to 244372 lm, it achieves an exceptional efficiency of up to 196 lm/W, outperforming other solutions. Its modular design enables flexible power options, from 135 W to 1569 W, providing tailored solutions for varying lighting requirements. Built for demanding outdoor environments, Numancia Arena operates flawlessly in temperatures as low as -40°C and up to +50°C, making it ideal for challenging conditions like airports, harbors, and industrial zones. Its robust aluminum construction, IP66 dust and water resistance, and IK09 impact protection ensure long-lasting durability. The advanced lens-based optical system offers versatile beam configurations, including super narrow, narrow, medium, wide, asymmetric, and asymmetric wide, catering to diverse applications like sports facilities, motorway junctions, and roundabouts. Available color temperature 4000K and CRI 70 ensure optimal lighting quality for any setting. With a long lifespan of 108,000 hours (L95/B10) and availability with a standard ON/OFF driver, Numancia Arena guarantees reliability, energy savings, and easy integration into advanced lighting systems.

## Product information

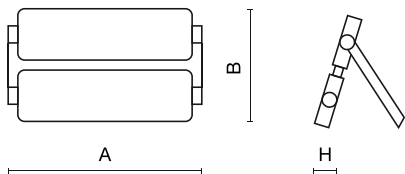
|          |   |
|----------|---|
| Category | Outdoor luminaires                              |
| Family   | NUMANCIA ARENA LED                              |
| Name     | NUMANCIA ARENA LED 1x42000 NARROW E IP66 04 740 |
| Index    | 19.4399.2281.04                                 |



## Light and electrical data

|   |                                      |
|---|--------------------------------------|
| Light source                              | LED                                  |
| Luminous flux LED [lm]                    | 41538                                |
| LED power [W]                             | 198                                  |
| Luminaire luminous flux [lm]              | 36806,3                              |
| Power of luminaire [W]                    | 206,3                                |
| Luminaire's light efficiency [lm/W]       | 178,4                                |
| Color of the light [K]                    | 4000                                 |
| CRI                                       | >70                                  |
| SDCM (LED sources)                        | 3                                    |
| Beam angle [°]                            | (C0-C180) / (C90-C270) - 32,4° / 32° |
| Photobiological risk class (IEC/EN 62471) | RG0                                  |
| Protection against electric shock         | I                                    |
| Protection degree                         | IP66                                 |
| Voltage                                   | 220..240 V, 50..60 Hz                |
| Lifetime of LED sources [h]               | 108000                               |
| Lx/By                                     | L95/B10                              |
| Operating temperature range [°C]          | -40 ÷ 50                             |
| Driver                                    | standard on/off (E)                  |
| Circuit load capacity                     | 2 (B10), 4 (B16), 4 (C10), 7 (C16)   |

## Mechanical data



|                  |  |
|------------------|--|
| Assembly         | mounted on poles                           |
| Material         | aluminum                                   |
| Color            | RAL 9005 (black)                           |
| Diffuser         | PMMA lenses and hardened transparent glass |
| Impact resistant | IK09                                       |
| Dimensions [mm]  | 768 x 220 x 140                            |

## A graph of light

