

# Arena Sport



## Arena Sport 1200 156mm White Medium 11280lm 4000K Ra>80 DALI-2

Article code: 8246094319  
EAN: 5703821177214



### Electrical

System wattage: 71W  
Voltage: 220-240V  
Max. luminaires per circuit breaker: B10: 9, B16: 15, C10: 16, C16: 26  
Leakage current (mA): 0.09

### Light technic

Type of light source: LED  
Luminous flux: 11280lm  
Efficacy: 159 lm/W  
Colour temperature: 4000K  
Colour rendering (Ra): Ra>80  
MacAdams factor: SDCM: 3  
Lifetime: L80/B20>100,000  
Lifetime: L90/B10>70,000  
Minimum ambient temperature: -25°C  
Light distribution: Direct  
Optic: Lens Medium  
Beam angle: Medium  
UGR: UGR<25  
Visible flicker (PstLM): 0.03  
Stroboscopic flicker (SVM): 0.0  
Photobiological safety: RG 1

### Control/Dimming

Type: DALI-2

### Protection

Luminaire class: Class I  
IK Class: IK10  
IP Class: IP23

### Energy and approvals

Contains light source of energy class: C  
Breeam: Fulfils Hea 01 for flicker free lighting  
BVB: Yes  
Sunda Hus: B

### Materials and finish

Housing: Sheet steel  
Colour: White (RAL 9010, 20% gloss)  
Optics: Acrylic (PMMA)

### Mounting/Connection

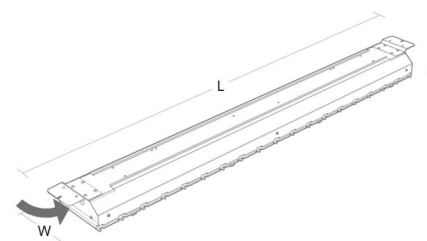
Mounting: Surface, Indoor  
Module: 1200 156mm  
Connection: 7-pole screwless terminal block with 5x2,5mm2 (+DALI) through wiring

### Dimensions

Length (mm) L: 1263  
Width (mm) W: 156  
Height (mm) H: 80  
Weight (kg) gross/net: 8.2 / 8

### Packaging

Packing dimensions (mm): 1270 x 174 x 85



| VDE Testing and Certification Institute |                                                        |
|-----------------------------------------|--------------------------------------------------------|
| VDE                                     |                                                        |
| VDE Test Report                         |                                                        |
| Report No.                              | 253251-TL1-1                                           |
| VDE File No.                            | 1052400-2115-0805/253251                               |
| Date of issue                           | 2018-09-03                                             |
| Laboratory                              | VDE Testing and Certification Institute                |
| Address                                 | Merianstrasse 28<br>63069 Offenbach/Main, Germany      |
| Testing location/ address               | Merianstrasse 28<br>63069 Offenbach/Main, Germany      |
| Applicant's name                        | SG Production A/S                                      |
| Applicant's address                     | Egestubben 16-26, 5270 ODENSE, DENMARK                 |
| Applied standard(s)                     | DIN VDE 0710 Teil 13:1981-05                           |
| Test item description                   | Technical luminaire, fixed                             |
| Trade Mark                              | SG                                                     |
| Type reference(s)                       | Arena Sport 1200 D 89W, Arena Sport 1200 D 176W        |
| Ratings                                 | 220 – 240 V a.c.; 50 / 60 Hz; 89W, 176W, IP23, class I |
| Test sample condition                   | <input checked="" type="checkbox"/> Non-damaged sample |
| Remark                                  |                                                        |
| Sample entry date                       | 2018-08-13                                             |
| Date (s) of performance of tests        | 2018-08-29                                             |

|                 |                                                  |
|-----------------|--------------------------------------------------|
| Tested by       |                                                  |
| Name, Signature | Peter Kaufmann<br>(Authorization of test report) |
| Function        | Testing engineer                                 |
| Verified by     |                                                  |
| Name, Signature | Thomas Lieser                                    |
| Function        | Reviewer                                         |

|                                                                                                                                                                                                                                            |              |      |   |    |    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------|---|----|----|
| Report No.                                                                                                                                                                                                                                 | 253251-TL1-1 | Page | 1 | of | 13 |
| Disclaimer:                                                                                                                                                                                                                                |              |      |   |    |    |
| This test report contains the result of a singular investigation carried out on the product submitted. A sample of this product was tested to found the accordance with the referenced standard or standards in column of standards table. |              |      |   |    |    |
| The test report does not entitle for the use of a VDE Certification Mark and considers safety the requirements of the specifications mentioned below.                                                                                      |              |      |   |    |    |
| Whenever reference is made to this test report towards third party, this test report shall be made available on the very spot in full length.                                                                                              |              |      |   |    |    |

